

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076770.D
 Acq On : 22 Feb 2023 14:53
 Operator : JC\MD
 Sample : VN0222WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2023
 Supervised By : Mahesh Dadoda 02/23/2023

Quant Time: Feb 22 23:57:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	259612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	468765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	437538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	213592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	197951	55.219	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.440%			
35) Dibromofluoromethane	8.172	113	148744	48.453	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.900%			
50) Toluene-d8	10.566	98	589822	51.448	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.900%			
62) 4-Bromofluorobenzene	12.848	95	195807	51.568	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	53234	19.311	ug/l	98
3) Chloromethane	2.378	50	66100	18.379	ug/l	93
4) Vinyl Chloride	2.531	62	66615	18.820	ug/l	98
5) Bromomethane	2.966	94	47658	22.221	ug/l	98
6) Chloroethane	3.137	64	49970	22.338	ug/l	99
7) Trichlorofluoromethane	3.507	101	88032	18.279	ug/l	94
8) Diethyl Ether	3.978	74	36493	19.664	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.378	101	55939	19.767	ug/l	98
10) Methyl Iodide	4.601	142	69432	19.868	ug/l	98
11) Tert butyl alcohol	5.525	59	50006	105.678	ug/l #	87
12) 1,1-Dichloroethene	4.349	96	49680	18.540	ug/l	91
13) Acrolein	4.190	56	64379	90.623	ug/l	96
14) Allyl chloride	5.043	41	91558	19.719	ug/l	98
15) Acrylonitrile	5.725	53	176721	105.234	ug/l	99
16) Acetone	4.437	43	158119	98.743	ug/l	93
17) Carbon Disulfide	4.731	76	121993	17.243	ug/l	98
18) Methyl Acetate	5.043	43	109104	20.873	ug/l	99
19) Methyl tert-butyl Ether	5.813	73	191607	21.209	ug/l	91
20) Methylene Chloride	5.284	84	68388	20.377	ug/l	96
21) trans-1,2-Dichloroethene	5.801	96	54527	18.077	ug/l #	77
22) Diisopropyl ether	6.678	45	236562	21.722	ug/l	93
23) Vinyl Acetate	6.613	43	741850m	115.134	ug/l	
24) 1,1-Dichloroethane	6.578	63	118996	19.938	ug/l	95
25) 2-Butanone	7.489	43	243292	103.000	ug/l	99
26) 2,2-Dichloropropane	7.501	77	85627	19.890	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	69563	19.443	ug/l	96
28) Bromochloromethane	7.819	49	65048	22.899	ug/l	87
29) Tetrahydrofuran	7.848	42	169660	109.937	ug/l	97
30) Chloroform	7.972	83	123961	20.788	ug/l	96
31) Cyclohexane	8.266	56	108820	19.351	ug/l	92
32) 1,1,1-Trichloroethane	8.172	97	94811	18.910	ug/l #	92
36) 1,1-Dichloropropene	8.378	75	84612	19.076	ug/l	98
37) Ethyl Acetate	7.566	43	101322	21.712	ug/l #	97
38) Carbon Tetrachloride	8.372	117	80806	18.060	ug/l	99
39) Methylcyclohexane	9.601	83	95974	19.036	ug/l	95
40) Benzene	8.613	78	270068	19.827	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	56710	20.977	ug/l	96
42) 1,2-Dichloroethane	8.672	62	98604	20.756	ug/l	100
43) Isopropyl Acetate	8.695	43	166630	21.943	ug/l	97
44) Trichloroethene	9.360	130	60702	18.859	ug/l	95
45) 1,2-Dichloropropane	9.625	63	74413	20.638	ug/l	94
46) Dibromomethane	9.713	93	47946	20.800	ug/l	94
47) Bromodichloromethane	9.895	83	94134	20.368	ug/l	97
48) Methyl methacrylate	9.678	41	77391	21.477	ug/l	96
49) 1,4-Dioxane	9.695	88	27257	437.284	ug/l	95
51) 4-Methyl-2-Pentanone	10.448	43	541056	111.985	ug/l	97
52) Toluene	10.630	92	172477	20.974	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	96224	21.571	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	107045	20.804	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	67504	20.187	ug/l #	89
56) Ethyl methacrylate	10.878	69	100387	21.328	ug/l	95
57) 1,3-Dichloropropane	11.166	76	119286	20.763	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	209521	97.197	ug/l	98
59) 2-Hexanone	11.195	43	383610	110.116	ug/l	99
60) Dibromochloromethane	11.360	129	69301	19.664	ug/l	99
61) 1,2-Dibromoethane	11.472	107	67022	20.024	ug/l	95
64) Tetrachloroethene	11.107	164	48424	17.562	ug/l	93
65) Chlorobenzene	11.889	112	180684	19.486	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.960	131	66819	19.839	ug/l	98
67) Ethyl Benzene	11.966	91	321267	20.337	ug/l	98
68) m/p-Xylenes	12.072	106	246899	40.547	ug/l	95
69) o-Xylene	12.401	106	119447	20.113	ug/l	98
70) Styrene	12.413	104	198907	20.712	ug/l	97
71) Bromoform	12.583	173	46528	18.833	ug/l #	97
73) Isopropylbenzene	12.695	105	309491	19.769	ug/l	99
74) N-amyl acetate	12.495	43	143650	20.357	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.936	83	109961	19.404	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	91016m	21.077	ug/l	
77) Bromobenzene	12.983	156	71155	18.217	ug/l	92
78) n-propylbenzene	13.036	91	375015	20.399	ug/l	97
79) 2-Chlorotoluene	13.130	91	226568	20.128	ug/l	93
80) 1,3,5-Trimethylbenzene	13.177	105	265692	20.535	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	27173m	18.328	ug/l	
82) 4-Chlorotoluene	13.130	91	226568	20.128	ug/l	93
83) tert-Butylbenzene	13.442	119	230732	19.713	ug/l	96
84) 1,2,4-Trimethylbenzene	13.483	105	271307	21.040	ug/l	100
85) sec-Butylbenzene	13.618	105	335620	20.538	ug/l	97
86) p-Isopropyltoluene	13.736	119	273475	20.958	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	142327	19.276	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	146515	19.927	ug/l	96
89) n-Butylbenzene	14.060	91	229527	20.224	ug/l	98
90) Hexachloroethane	14.336	117	51663	18.909	ug/l	90
91) 1,2-Dichlorobenzene	14.107	146	145129	19.173	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	19815	18.048	ug/l	87
93) 1,2,4-Trichlorobenzene	15.395	180	67428	17.858	ug/l	99
94) Hexachlorobutadiene	15.507	225	32923	17.791	ug/l	96
95) Naphthalene	15.642	128	217428	18.976	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	69280	18.939	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

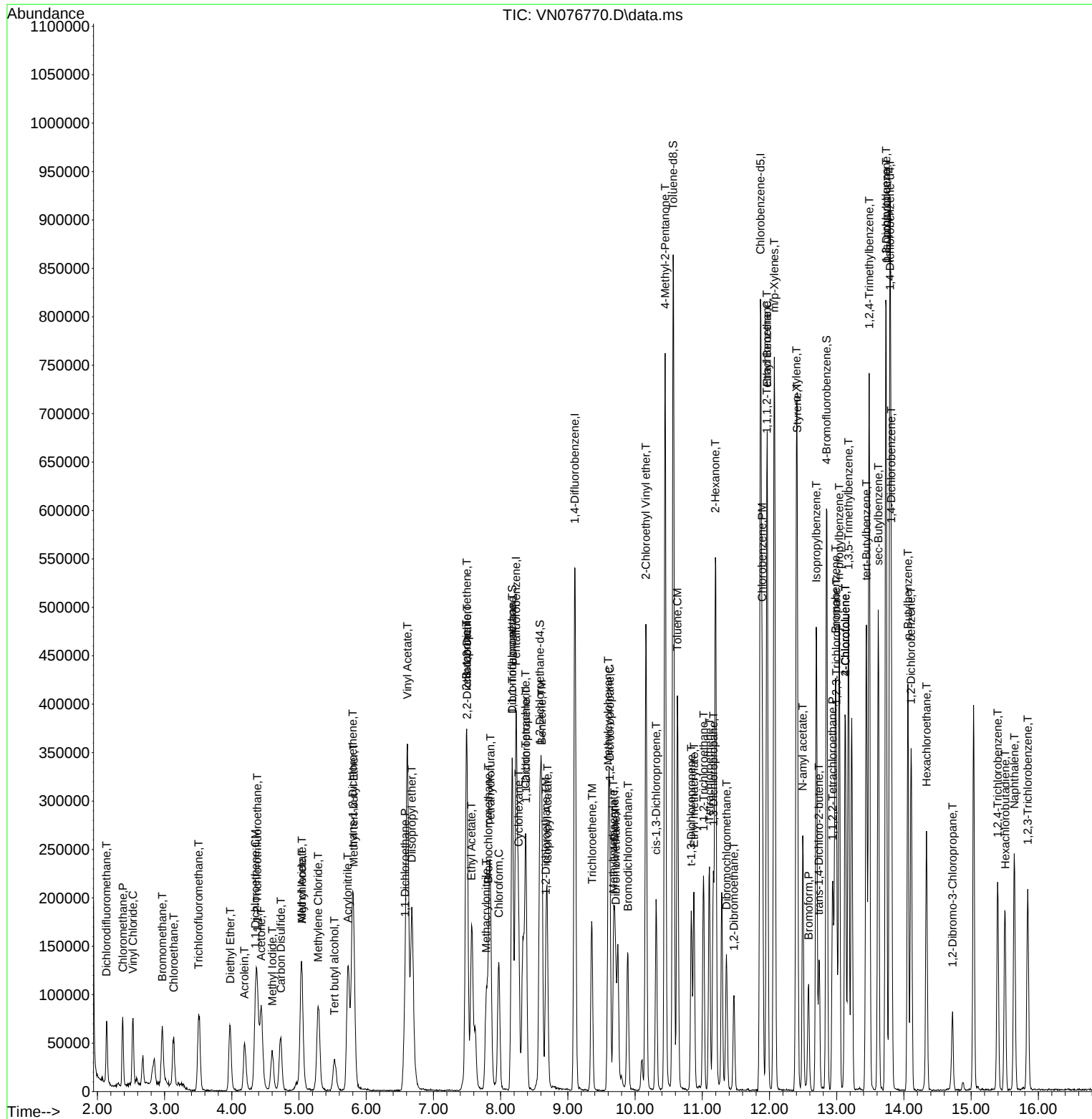
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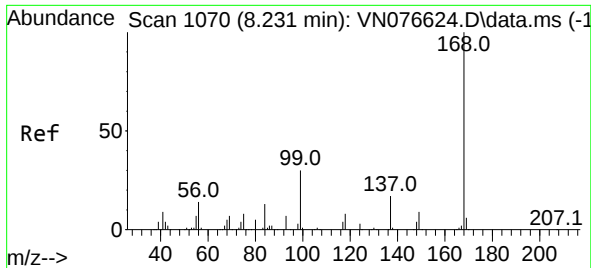
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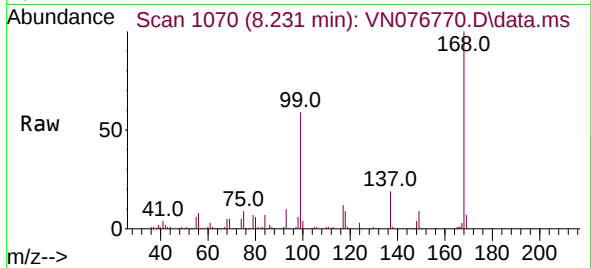
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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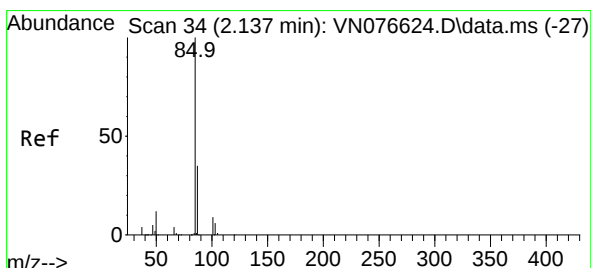
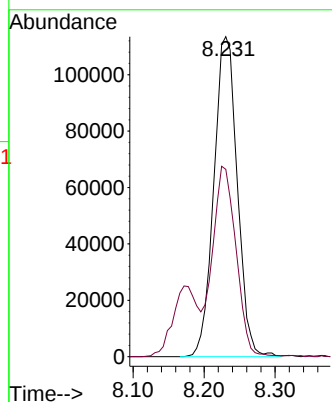
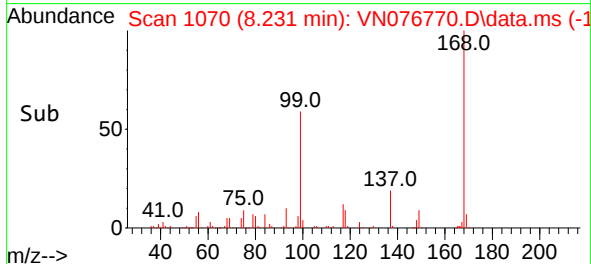
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Tgt Ion:168 Resp: 25961
Ion Ratio Lower Upper
168 100
99 58.2 44.8 67.2

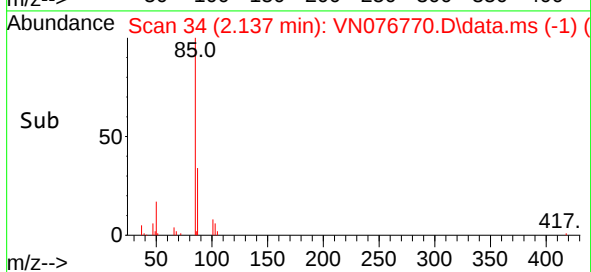
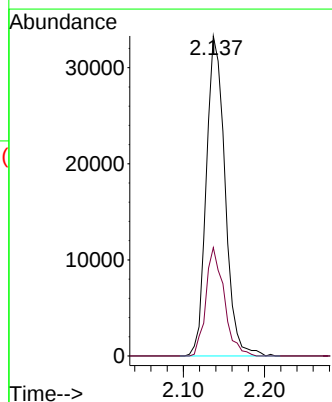
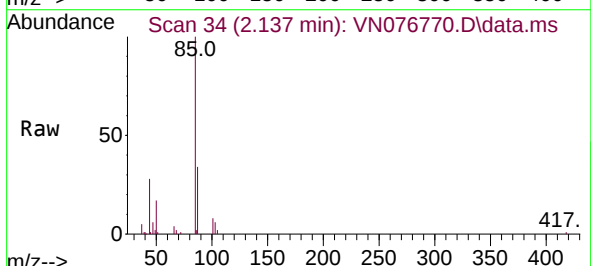
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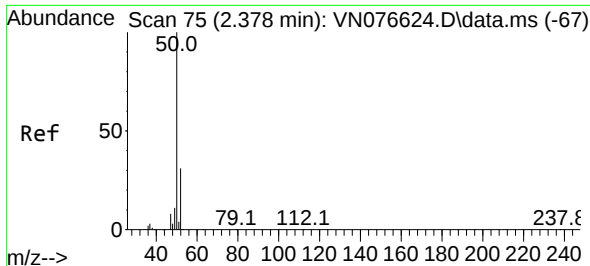
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#2
Dichlorodifluoromethane
Concen: 19.311 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

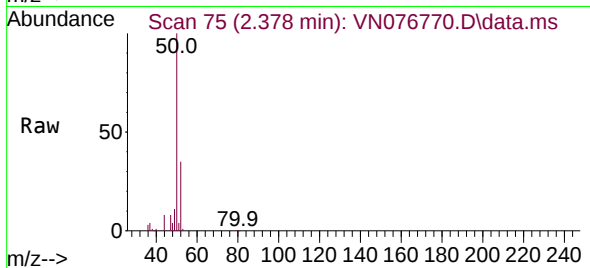
Tgt Ion: 85 Resp: 53234
Ion Ratio Lower Upper
85 100
87 33.8 17.4 52.2





#3
Chloromethane
Concen: 18.379 ug/l
RT: 2.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

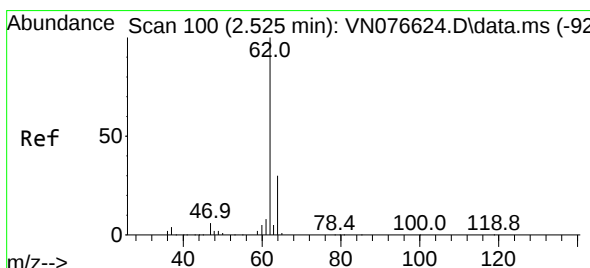
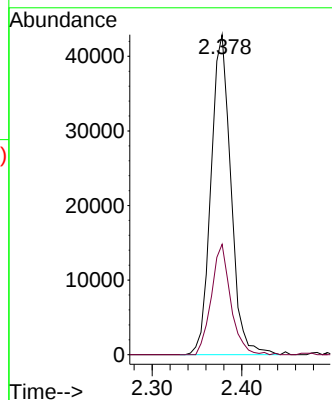
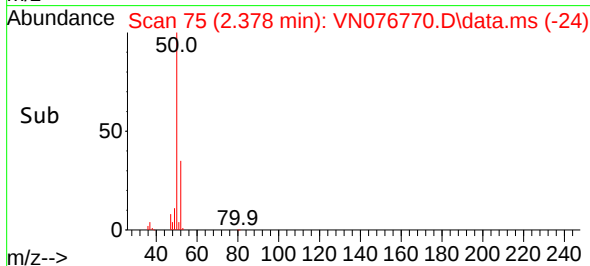
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ClientSampleId :
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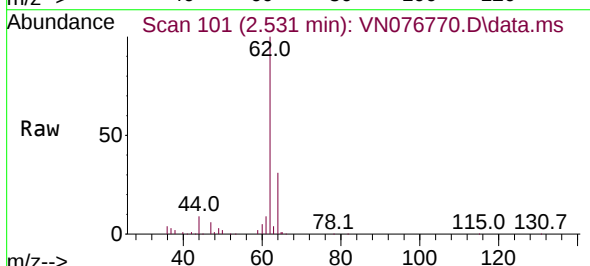
Tgt Ion: 50 Resp: 66100
Ion Ratio Lower Upper
50 100
52 34.5 24.7 37.1

Manual Integrations
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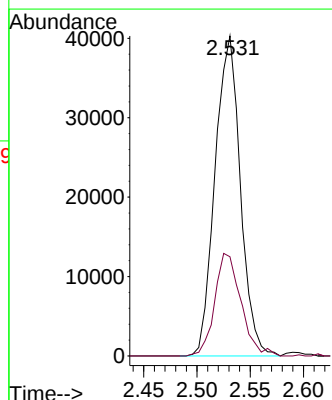
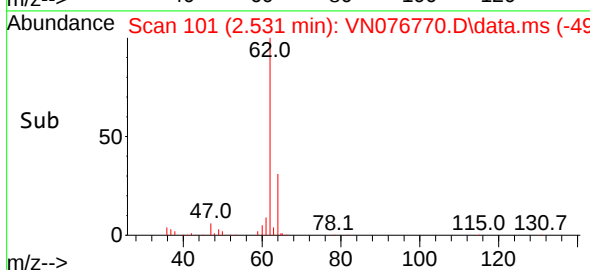
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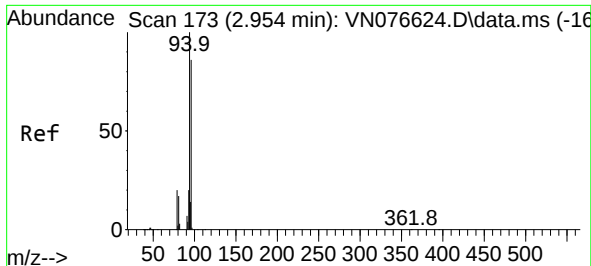


#4
Vinyl Chloride
Concen: 18.820 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53



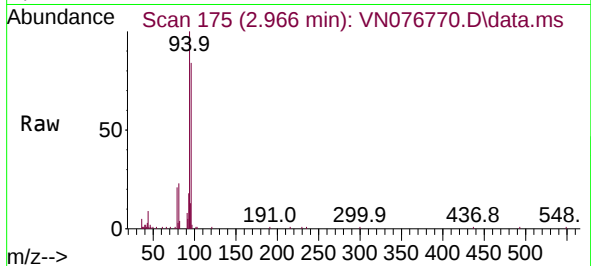
Tgt Ion: 62 Resp: 66615
Ion Ratio Lower Upper
62 100
64 31.0 23.9 35.9





#5
Bromomethane
Concen: 22.221 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

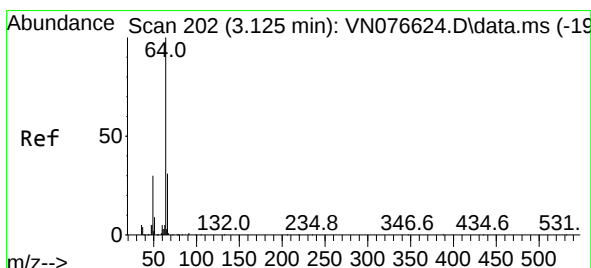
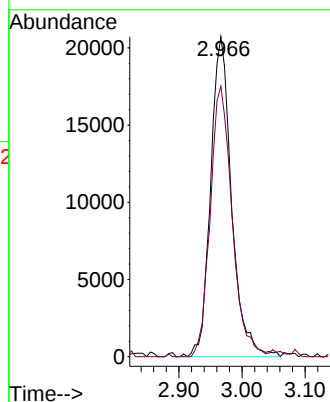
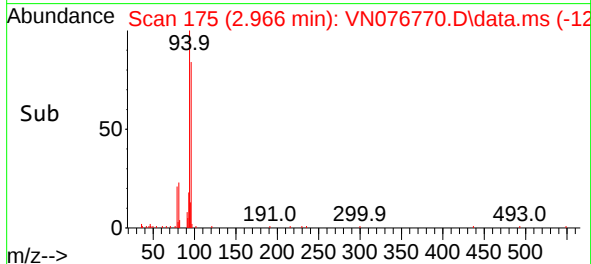
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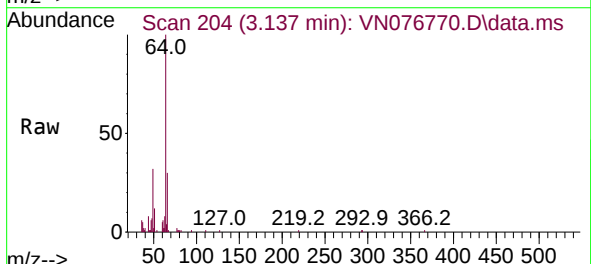
Tgt Ion: 94 Resp: 47658
Ion Ratio Lower Upper
94 100
96 84.5 69.0 103.4

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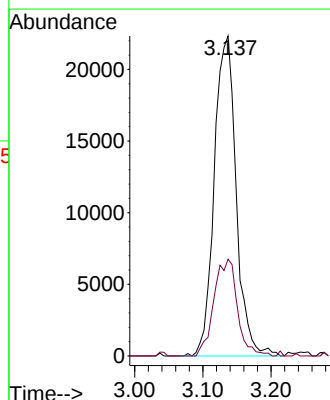
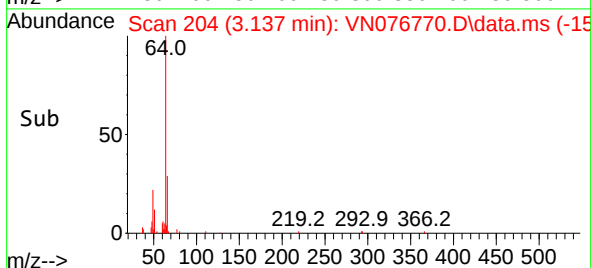
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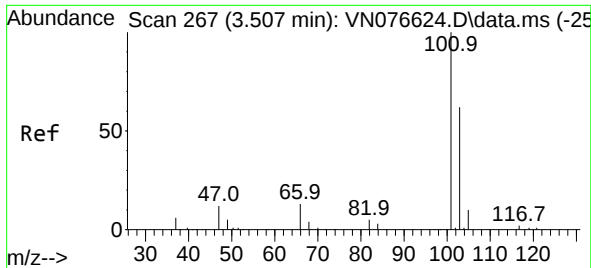


#6
Chloroethane
Concen: 22.338 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.012 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53



Tgt Ion: 64 Resp: 49970
Ion Ratio Lower Upper
64 100
66 30.2 24.6 37.0





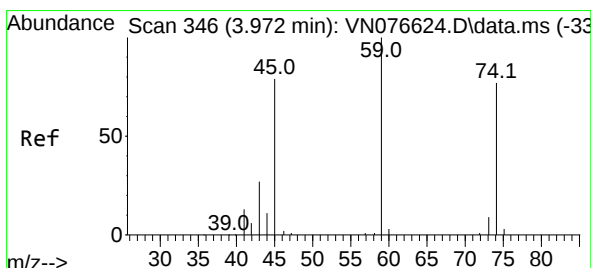
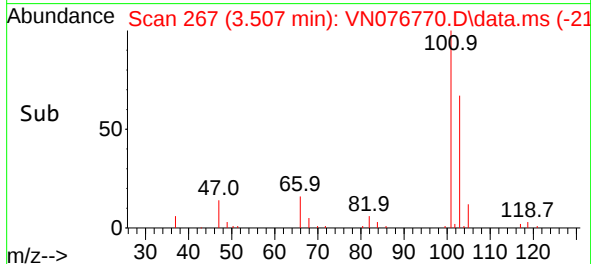
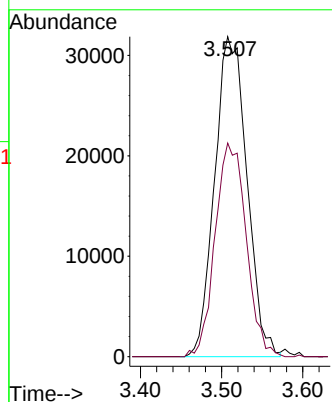
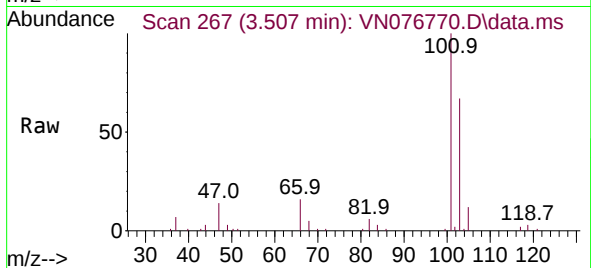
#7
Trichlorofluoromethane
Concen: 18.279 ug/l
RT: 3.507 min Scan# 267
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 88032
Ion Ratio Lower Upper
101 100
103 66.8 49.4 74.2

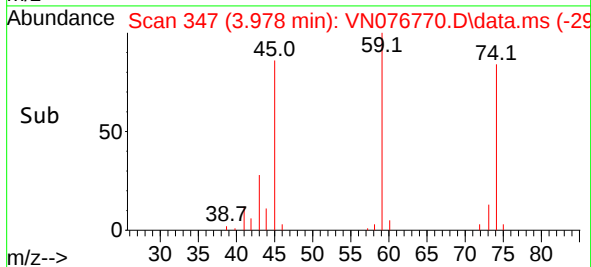
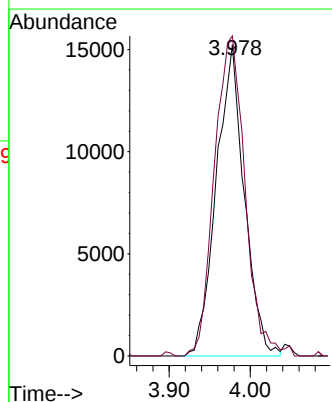
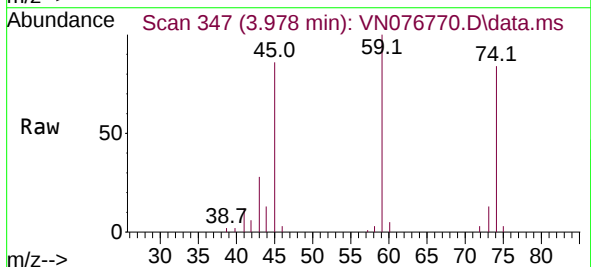
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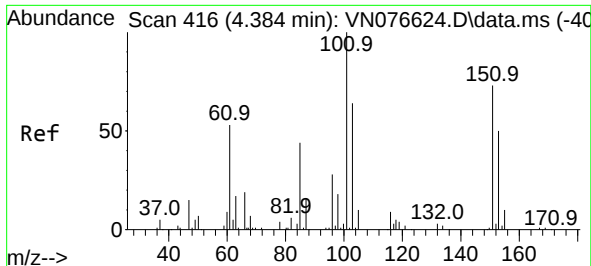
Reviewed By :John Carlone 02/23/2023
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#8
Diethyl Ether
Concen: 19.664 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

Tgt Ion: 74 Resp: 36493
Ion Ratio Lower Upper
74 100
45 112.8 51.3 153.9





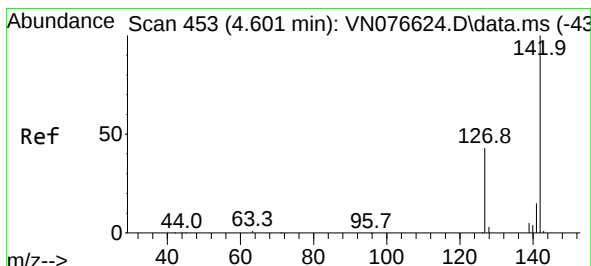
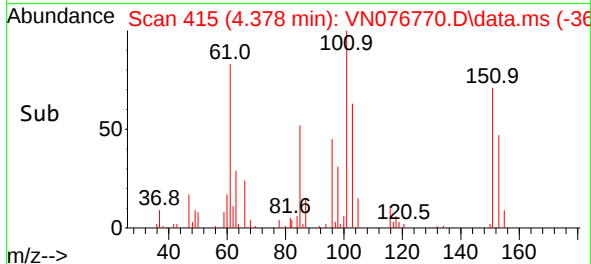
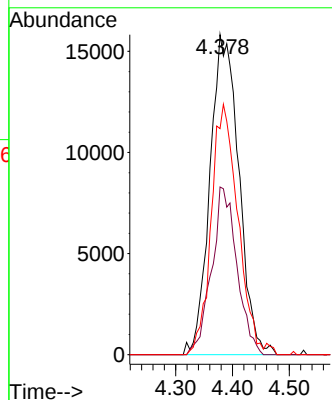
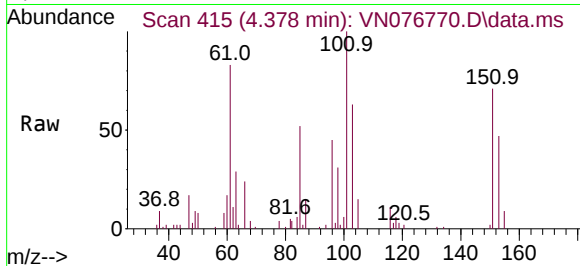
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.767 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01

Tgt Ion:101 Resp: 55939
Ion Ratio Lower Upper
101 100
85 45.9 37.4 56.0
151 71.9 58.7 88.1

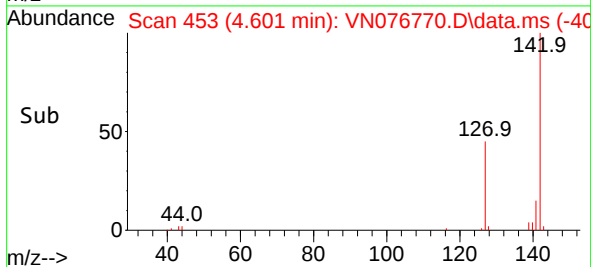
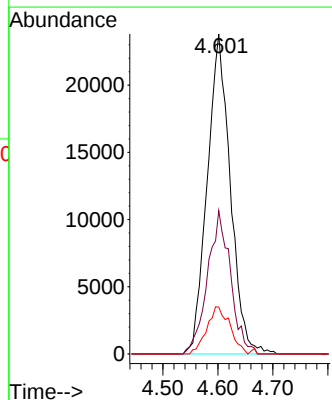
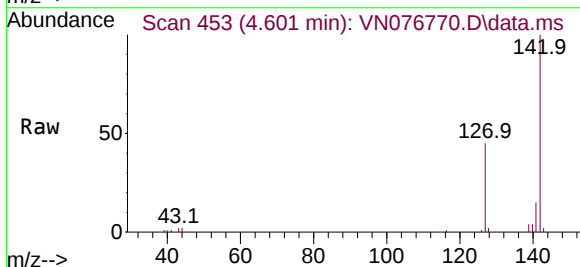
Manual Integrations
APPROVED

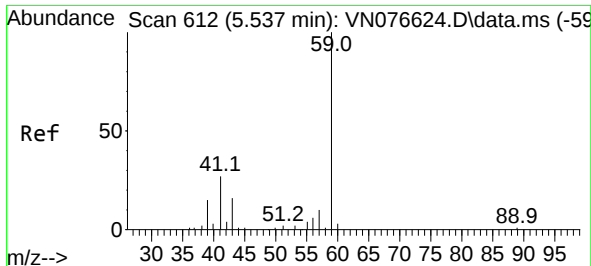
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#10
Methyl Iodide
Concen: 19.868 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

Tgt Ion:142 Resp: 69432
Ion Ratio Lower Upper
142 100
127 44.8 34.6 51.8
141 14.7 11.7 17.5





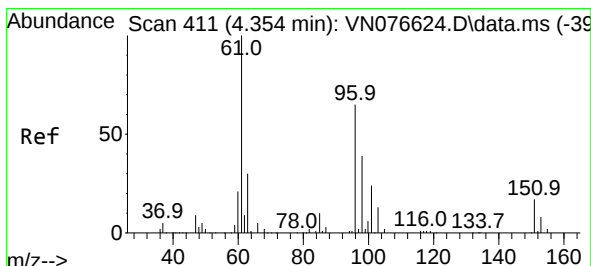
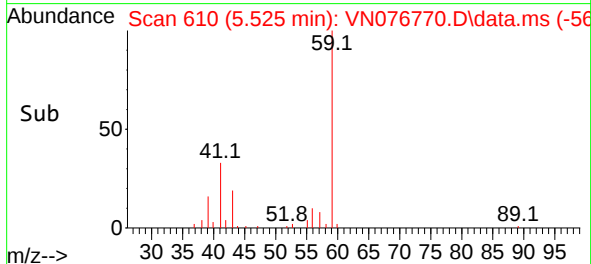
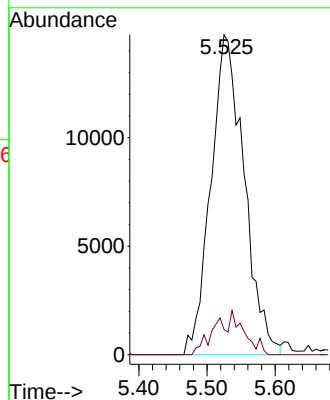
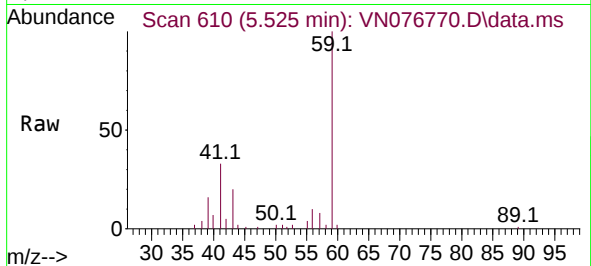
#11
Tert butyl alcohol
Concen: 105.678 ug/l
RT: 5.525 min Scan# 612
Delta R.T. -0.012 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01

Tgt Ion: 59 Resp: 50000
Ion Ratio Lower Upper
59 100
57 6.0 8.7 13.1

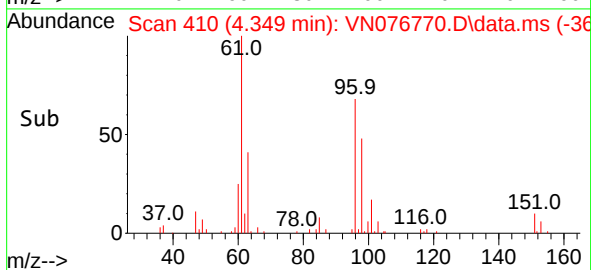
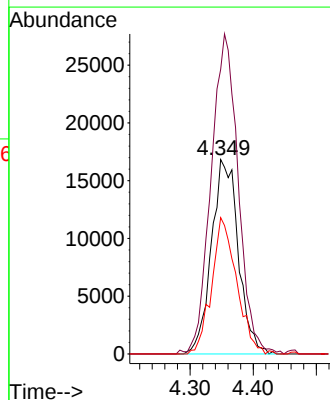
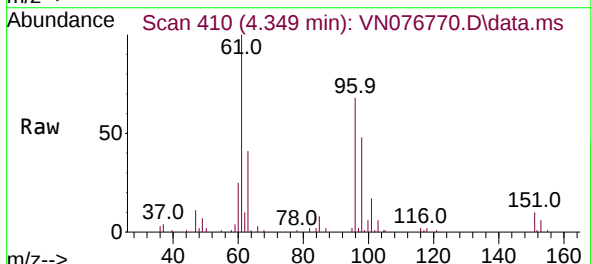
Manual Integrations
APPROVED

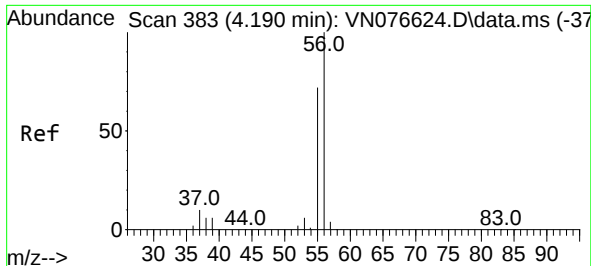
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#12
1,1-Dichloroethene
Concen: 18.540 ug/l
RT: 4.349 min Scan# 410
Delta R.T. -0.005 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

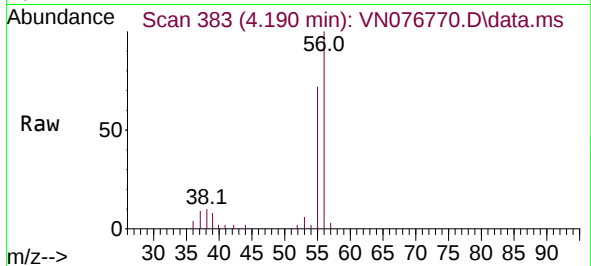
Tgt Ion: 96 Resp: 49680
Ion Ratio Lower Upper
96 100
61 144.9 123.8 185.6
98 70.1 48.4 72.6





#13
Acrolein
Concen: 90.623 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

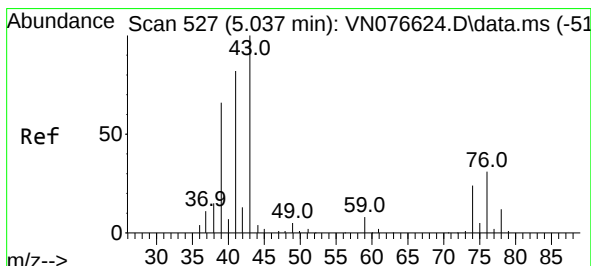
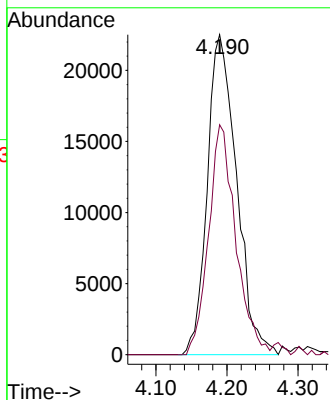
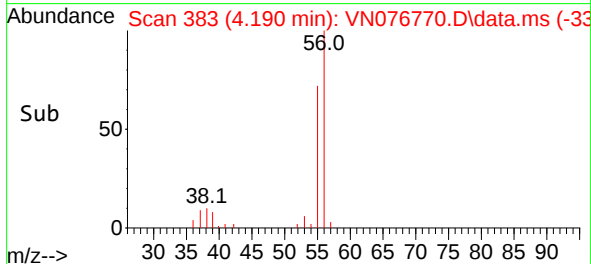
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



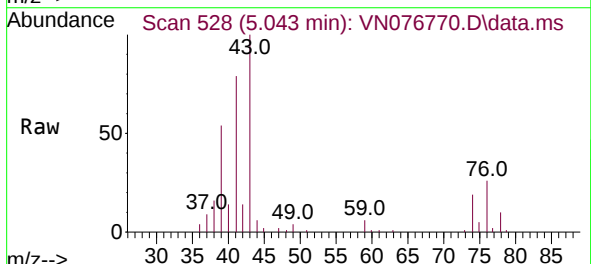
Tgt Ion: 56 Resp: 64379
Ion Ratio Lower Upper
56 100
55 66.7 56.3 84.5

Manual Integrations
APPROVED

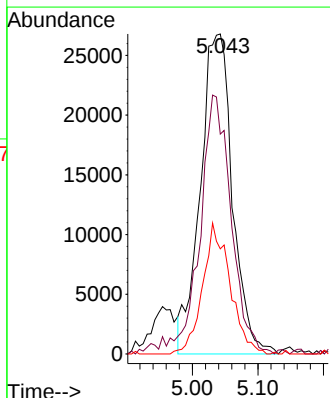
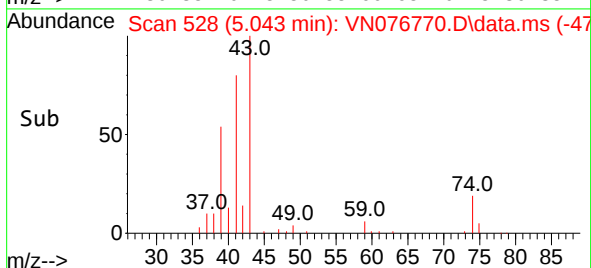
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

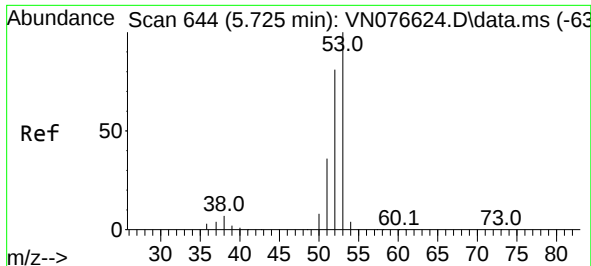


#14
Allyl chloride
Concen: 19.719 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53



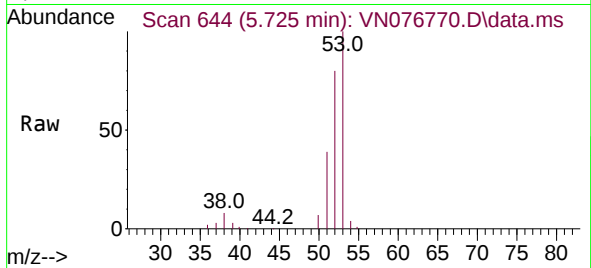
Tgt Ion: 41 Resp: 91558
Ion Ratio Lower Upper
41 100
39 79.5 62.3 93.5
76 34.8 27.0 40.6





#15
Acrylonitrile
Concen: 105.234 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

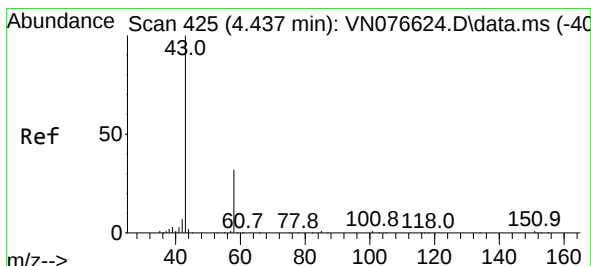
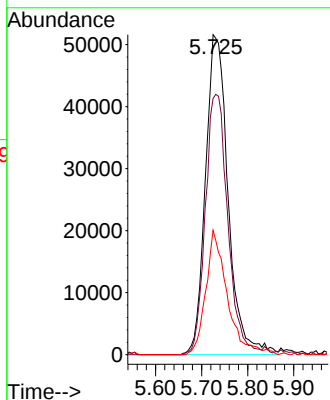
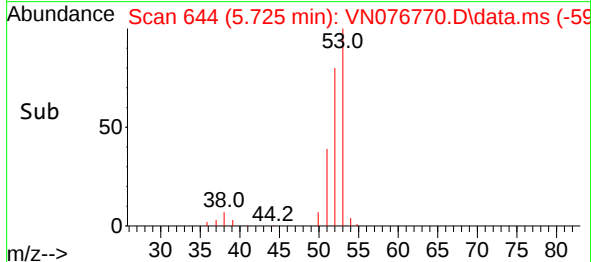
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



Tgt Ion: 53 Resp: 17672
Ion Ratio Lower Upper
53 100
52 80.6 65.3 97.9
51 36.5 29.2 43.8

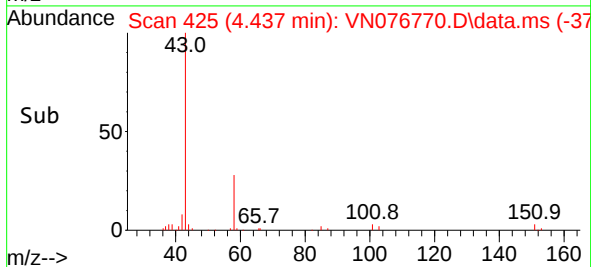
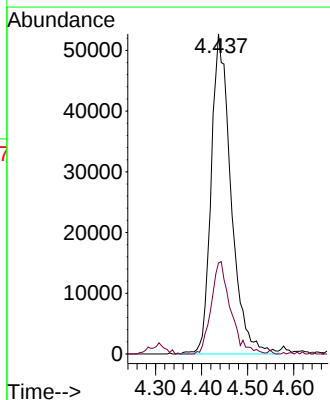
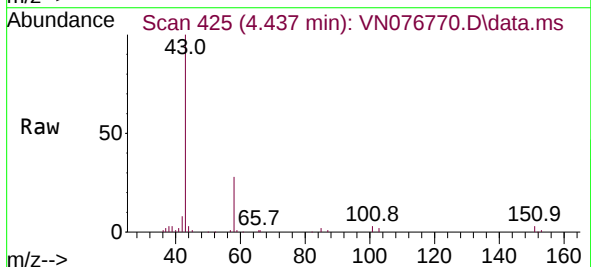
Manual Integrations
APPROVED

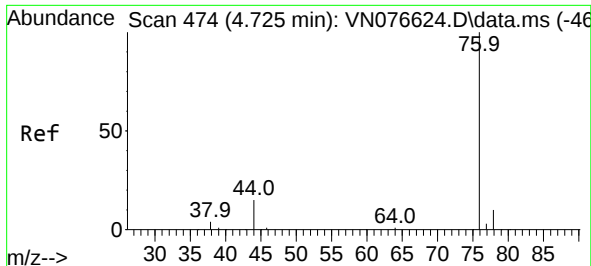
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#16
Acetone
Concen: 98.743 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

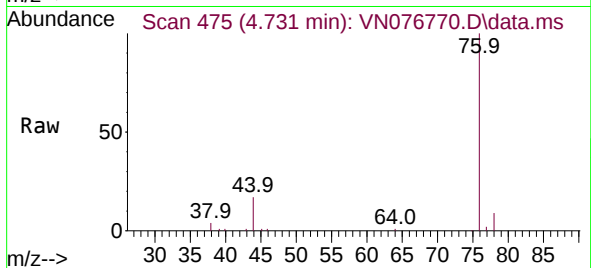
Tgt Ion: 43 Resp: 158119
Ion Ratio Lower Upper
43 100
58 28.4 25.9 38.9





#17
Carbon Disulfide
Concen: 17.243 ug/l
RT: 4.731 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

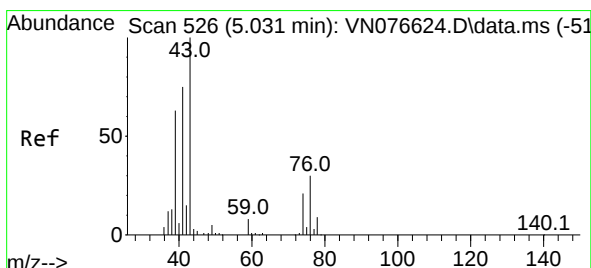
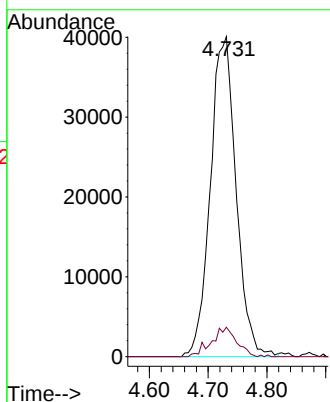
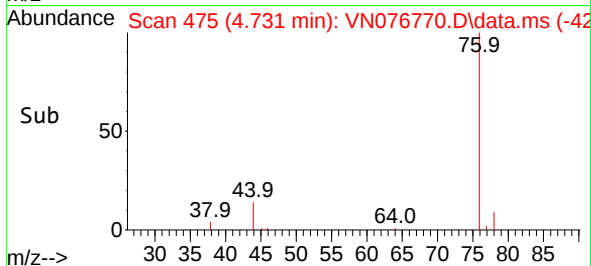
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



Tgt Ion: 76 Resp: 12199
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8

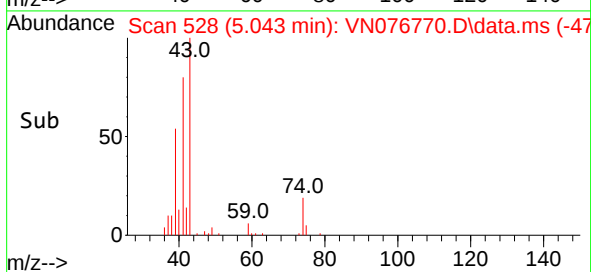
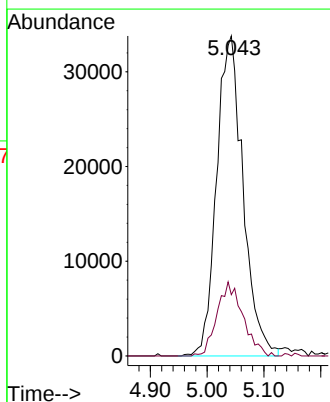
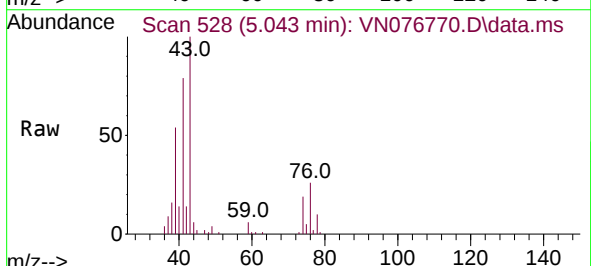
Manual Integrations
APPROVED

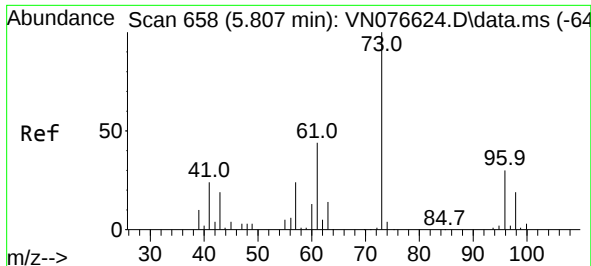
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#18
Methyl Acetate
Concen: 20.873 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.012 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

Tgt Ion: 43 Resp: 109104
Ion Ratio Lower Upper
43 100
74 22.6 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 21.209 ug/l

RT: 5.813 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN076770.D

Acq: 22 Feb 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBSD01

Tgt Ion: 73 Resp: 19160

Ion Ratio Lower Upper

73 100

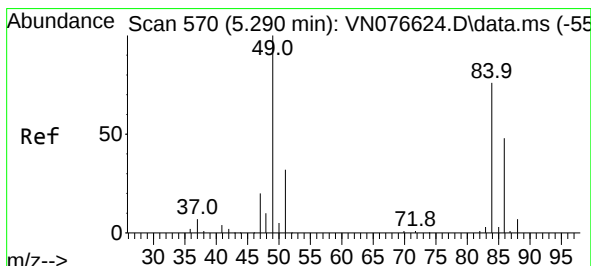
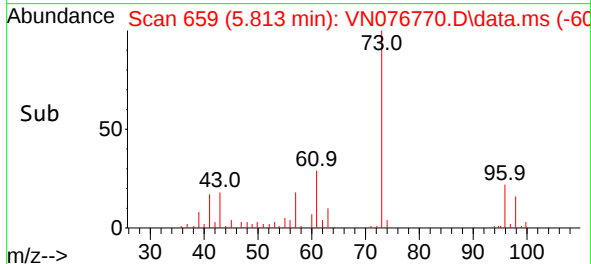
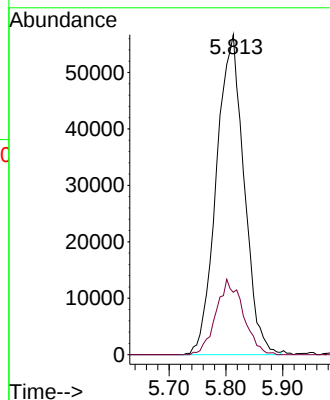
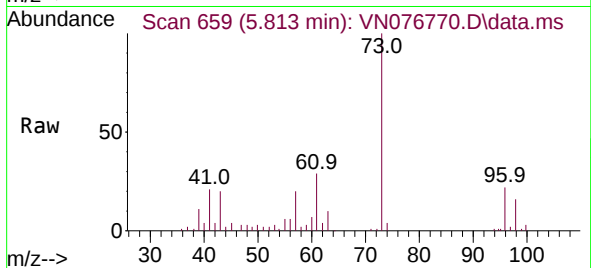
57 19.5 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#20

Methylene Chloride

Concen: 20.377 ug/l

RT: 5.284 min Scan# 569

Delta R.T. -0.006 min

Lab File: VN076770.D

Acq: 22 Feb 2023 14:53

Tgt Ion: 84 Resp: 68388

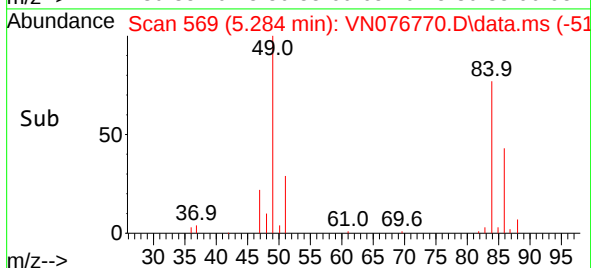
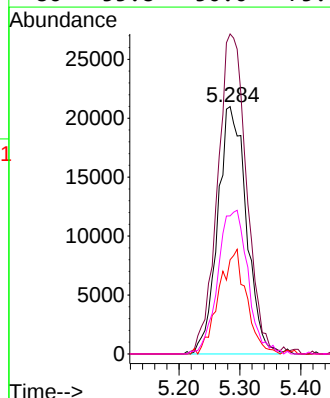
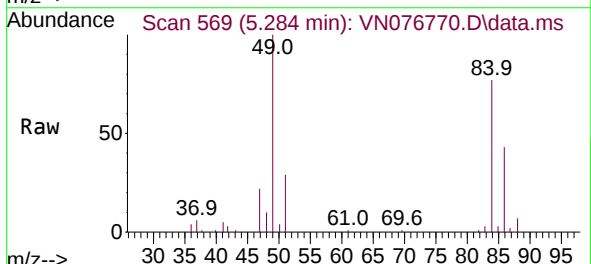
Ion Ratio Lower Upper

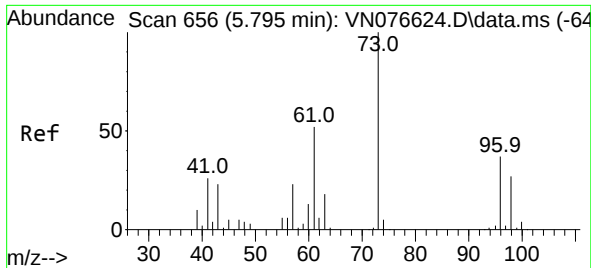
84 100

49 129.3 104.9 157.3

51 38.1 33.8 50.8

86 55.8 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 18.077 ug/l

RT: 5.801 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN076770.D

Acq: 22 Feb 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBSD01

Tgt Ion: 96 Resp: 5452

Ion Ratio Lower Upper

96 100

61 119.1 113.9 170.9

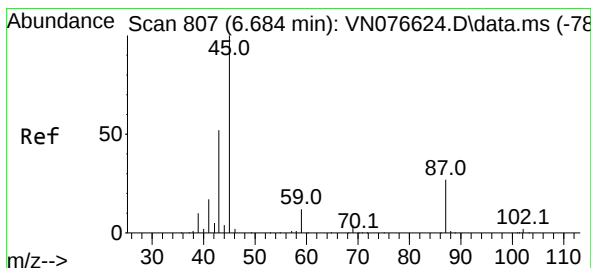
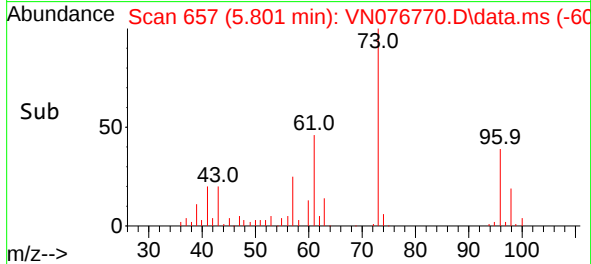
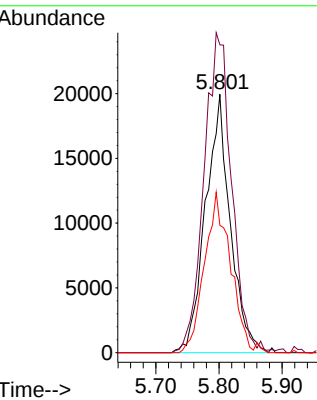
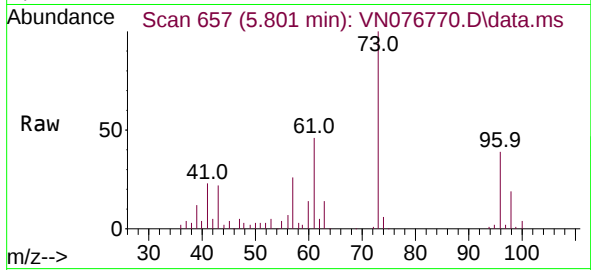
98 49.3 59.4 89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#22

Diisopropyl ether

Concen: 21.722 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.006 min

Lab File: VN076770.D

Acq: 22 Feb 2023 14:53

Tgt Ion: 45 Resp: 236562

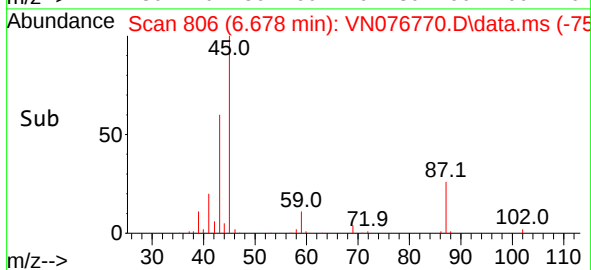
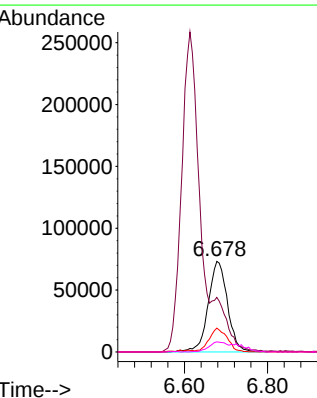
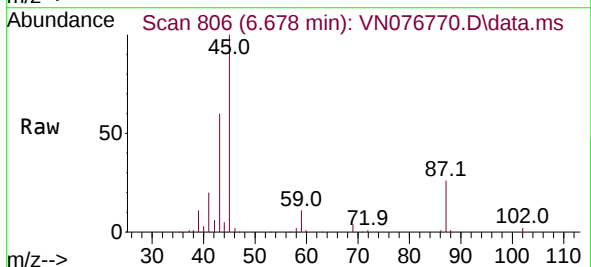
Ion Ratio Lower Upper

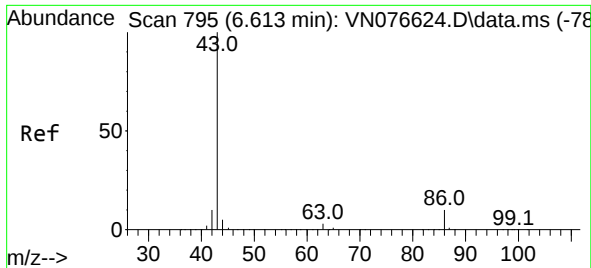
45 100

43 59.4 41.8 62.6

87 26.4 21.8 32.8

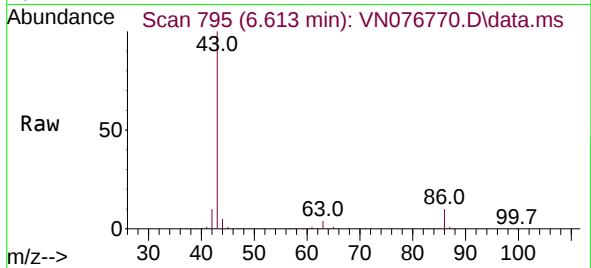
59 11.1 9.3 13.9





#23
 Vinyl Acetate
 Concen: 115.134 ug/l m
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076770.D
 Acq: 22 Feb 2023 14:53

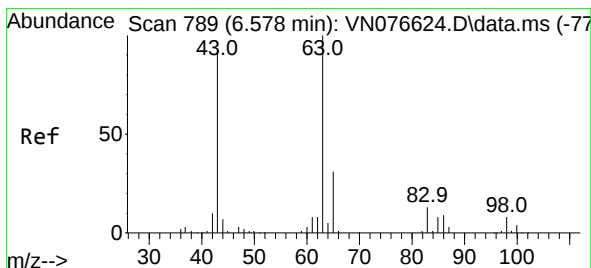
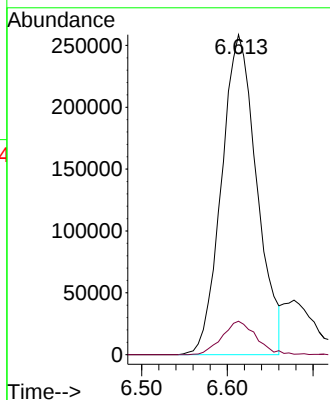
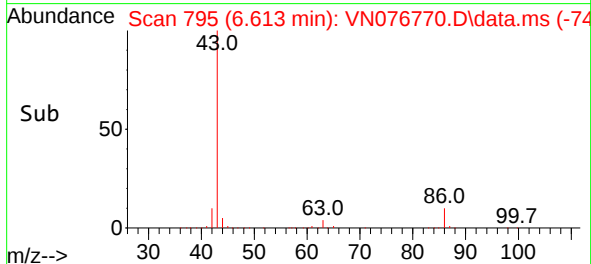
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBSD01



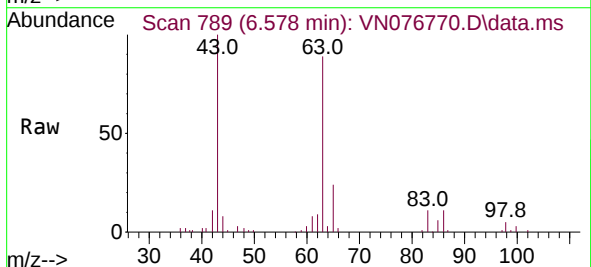
Tgt Ion: 43 Resp: 741850
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.2 12.2

Manual Integrations
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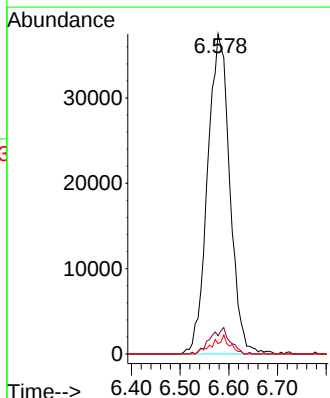
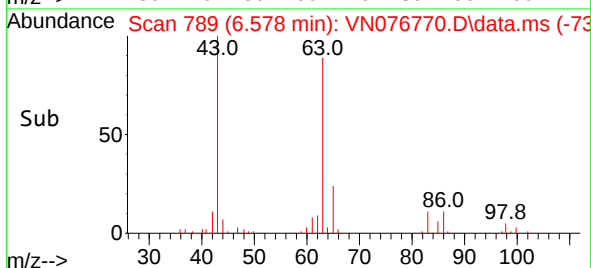
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023

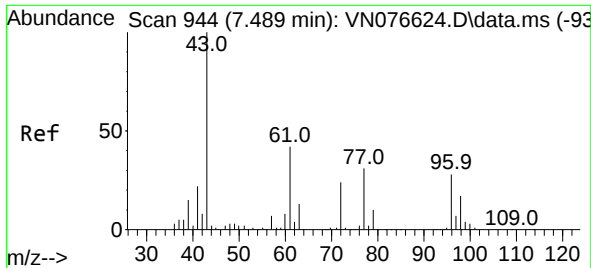


#24
 1,1-Dichloroethane
 Concen: 19.938 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076770.D
 Acq: 22 Feb 2023 14:53



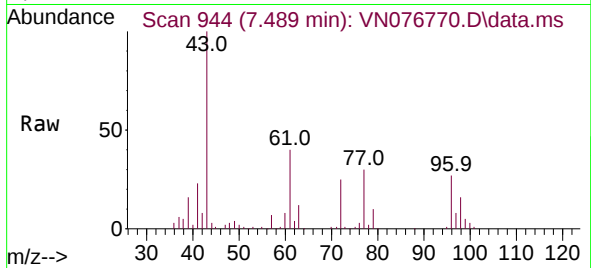
Tgt Ion: 63 Resp: 118996
 Ion Ratio Lower Upper
 63 100
 98 5.7 4.1 12.3
 100 3.2 2.0 5.8





#25
2-Butanone
Concen: 103.000 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

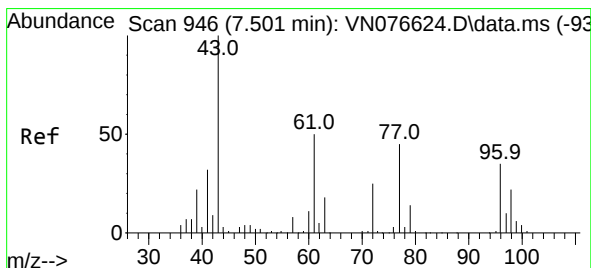
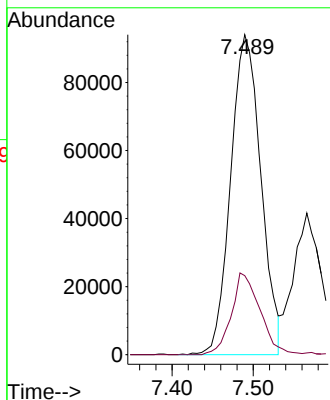
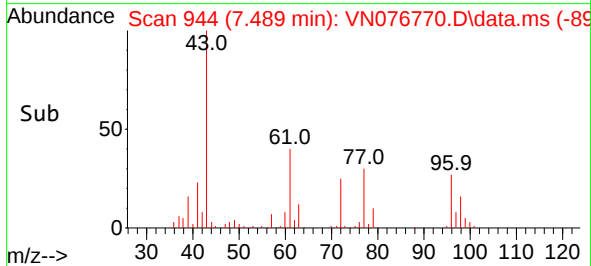
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



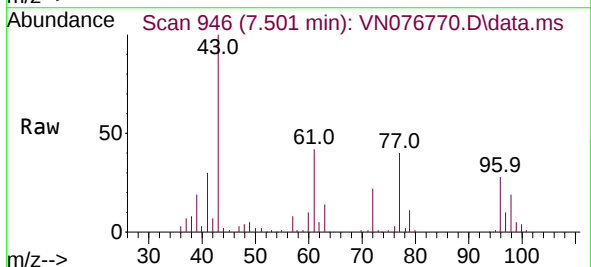
Tgt Ion: 43 Resp: 243292
Ion Ratio Lower Upper
43 100
72 24.7 19.4 29.2

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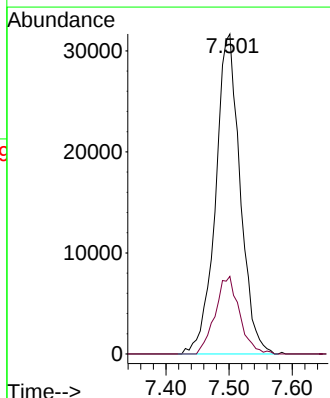
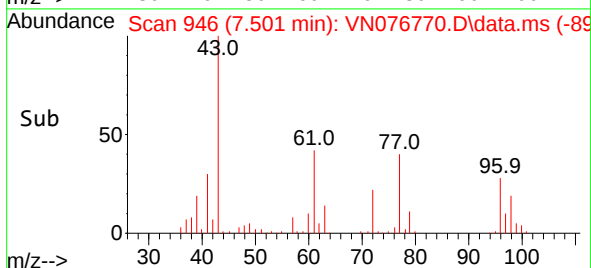
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

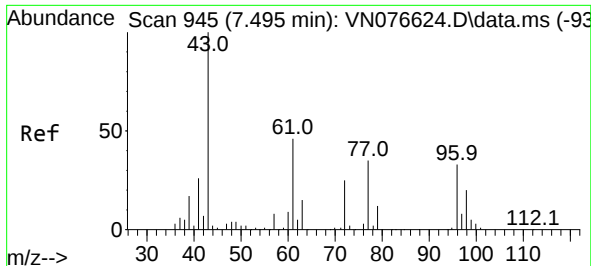


#26
2,2-Dichloropropane
Concen: 19.890 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53



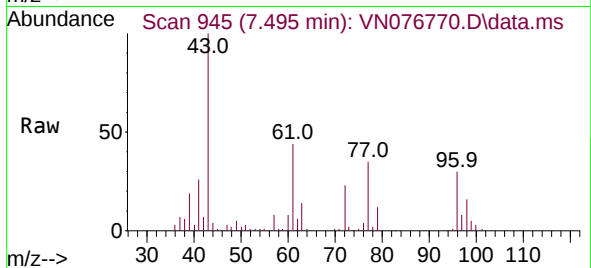
Tgt Ion: 77 Resp: 85627
Ion Ratio Lower Upper
77 100
97 24.0 11.9 35.7





#27
 cis-1,2-Dichloroethene
 Concen: 19.443 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076770.D
 Acq: 22 Feb 2023 14:53

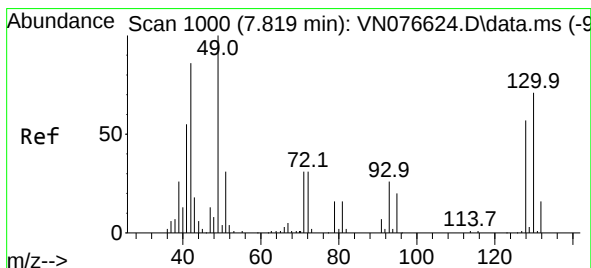
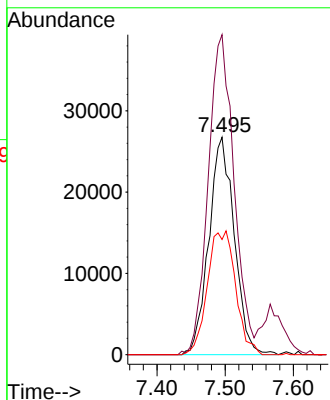
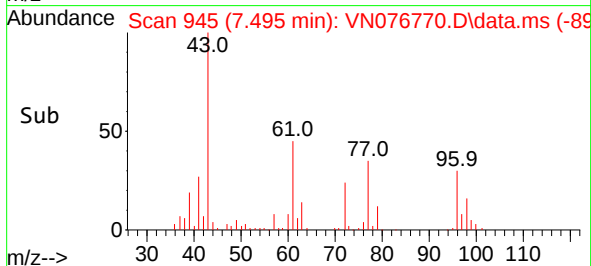
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBSD01



Tgt Ion: 96 Resp: 6956
 Ion Ratio Lower Upper
 96 100
 61 149.4 0.0 286.8
 98 63.1 0.0 124.0

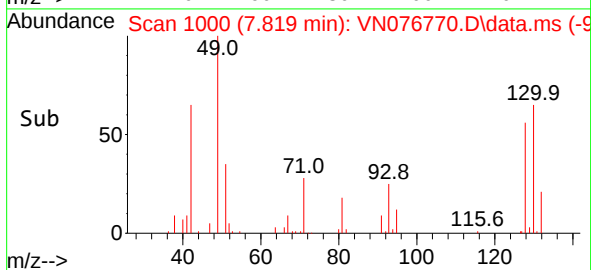
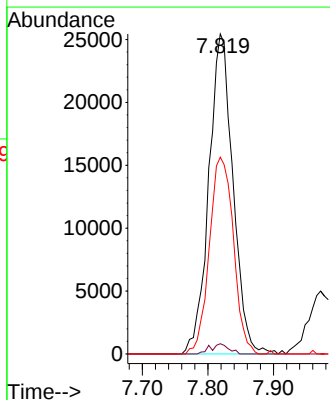
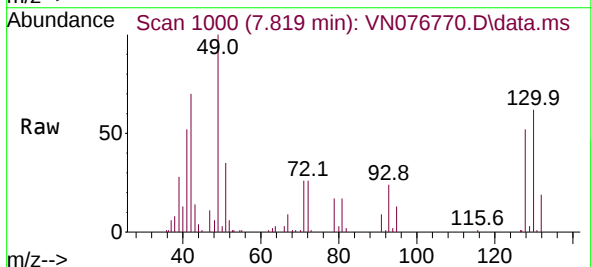
Manual Integrations
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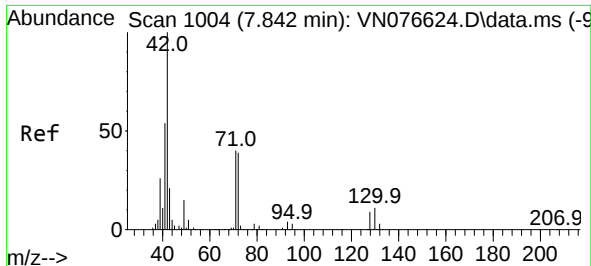
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#28
 Bromochloromethane
 Concen: 22.899 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076770.D
 Acq: 22 Feb 2023 14:53

Tgt Ion: 49 Resp: 65048
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.0
 130 61.2 57.8 86.8





#29

Tetrahydrofuran

Concen: 109.937 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN076770.D

Acq: 22 Feb 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBSD01

Tgt Ion: 42 Resp: 169660

Ion Ratio Lower Upper

42 100

72 37.5 31.5 47.3

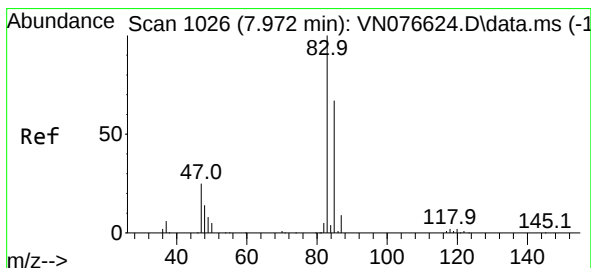
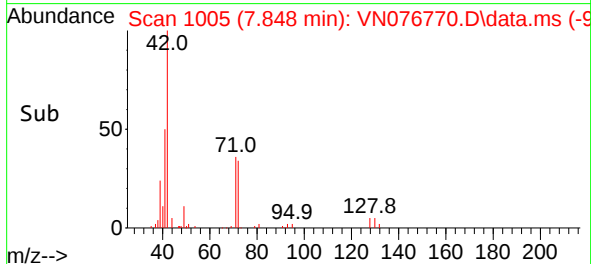
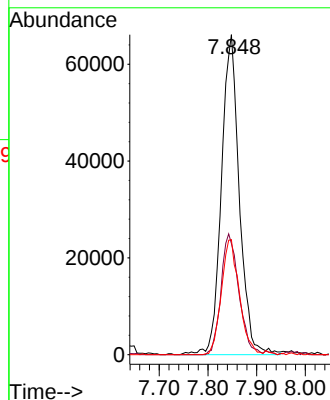
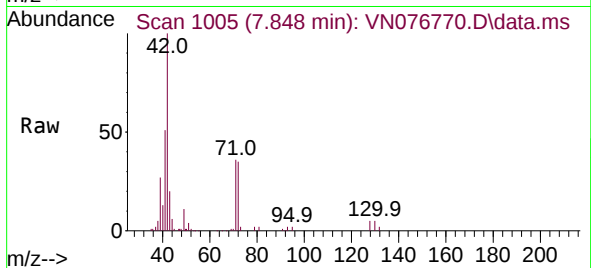
71 36.0 29.8 44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#30

Chloroform

Concen: 20.788 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076770.D

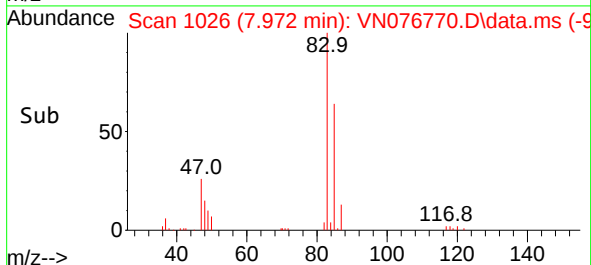
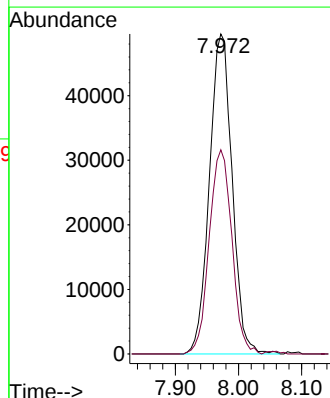
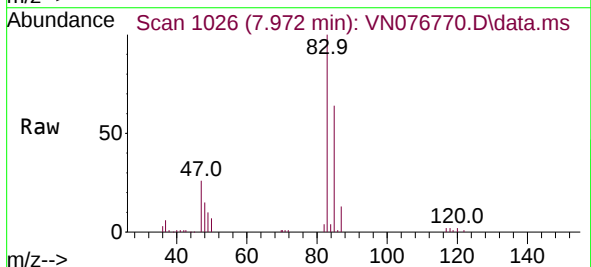
Acq: 22 Feb 2023 14:53

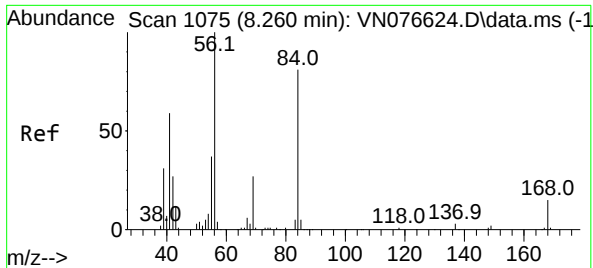
Tgt Ion: 83 Resp: 123961

Ion Ratio Lower Upper

83 100

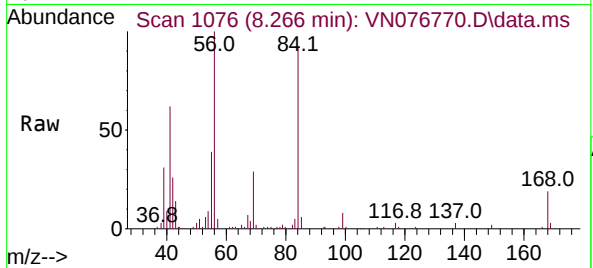
85 63.8 53.5 80.3





#31
Cyclohexane
Concen: 19.351 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

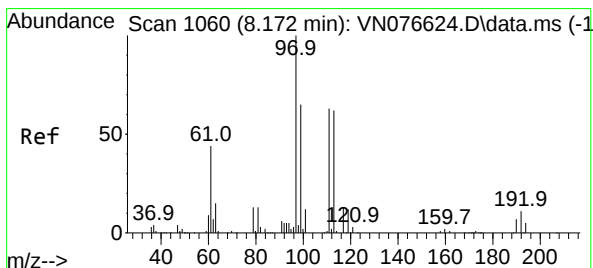
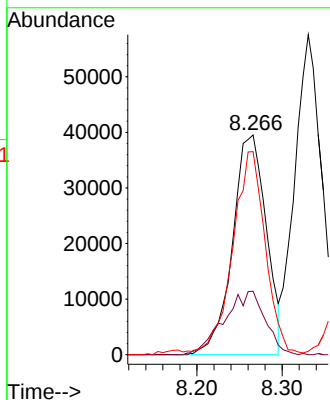
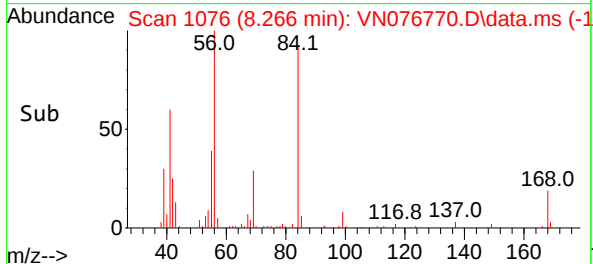
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



Tgt Ion: 56 Resp: 108820
Ion Ratio Lower Upper
56 100
69 28.9 21.6 32.4
84 90.3 65.1 97.7

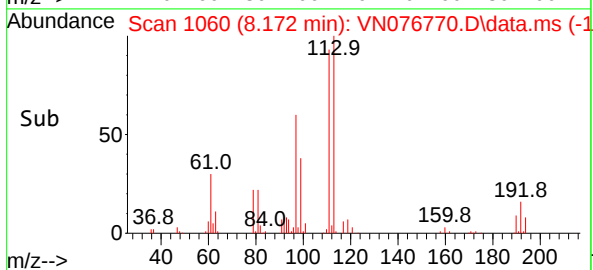
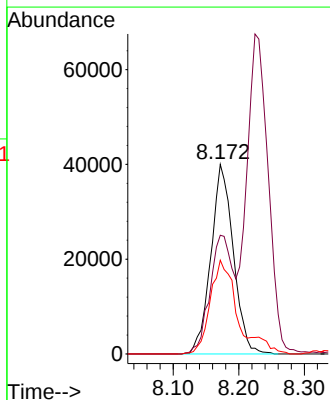
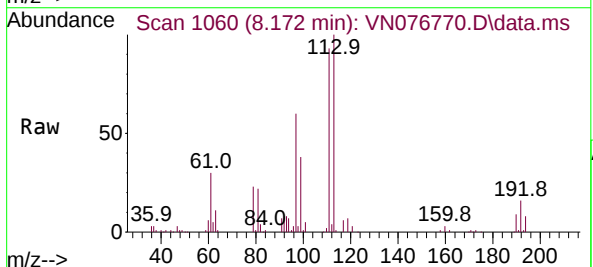
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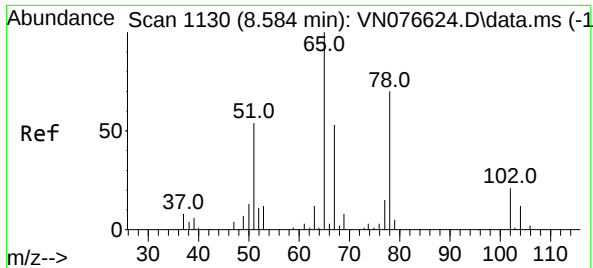
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#32
1,1,1-Trichloroethane
Concen: 18.910 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

Tgt Ion: 97 Resp: 94811
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 60.5 38.2 57.2#





#33

1,2-Dichloroethane-d4

Concen: 55.219 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076770.D

Acq: 22 Feb 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBSD01

Tgt Ion: 65 Resp: 19795

Ion Ratio Lower Upper

65 100

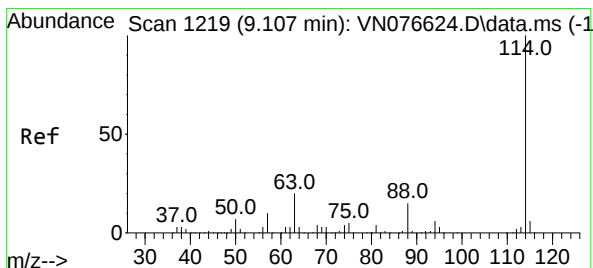
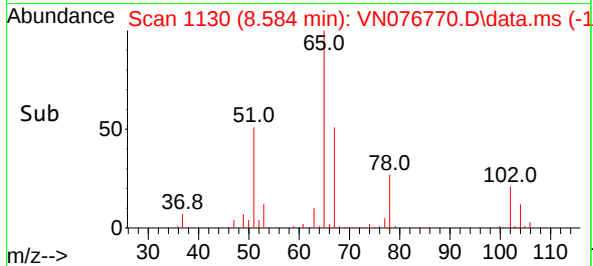
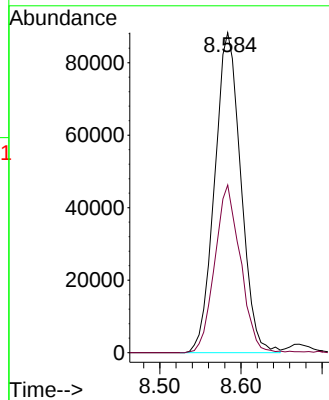
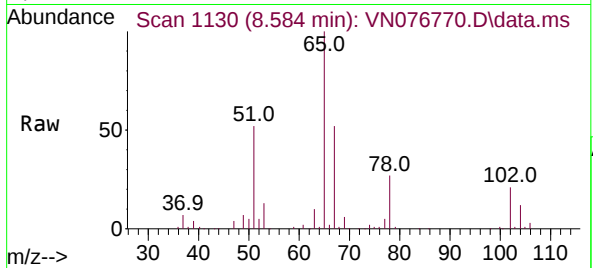
67 51.4 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN076770.D

Acq: 22 Feb 2023 14:53

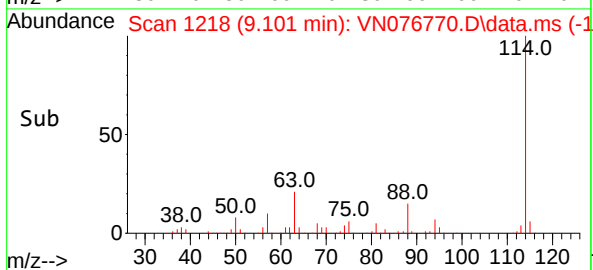
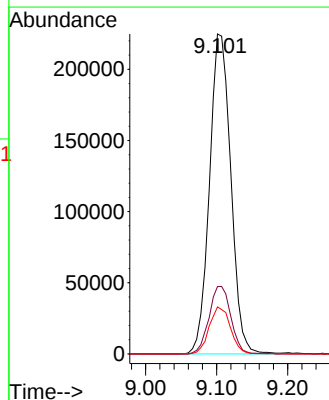
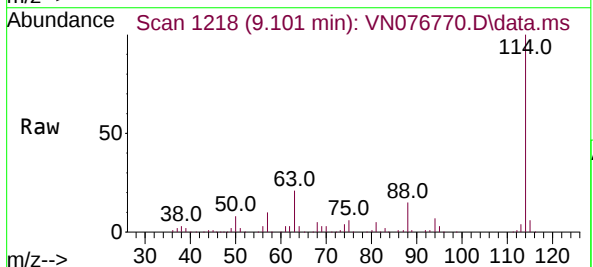
Tgt Ion:114 Resp: 468765

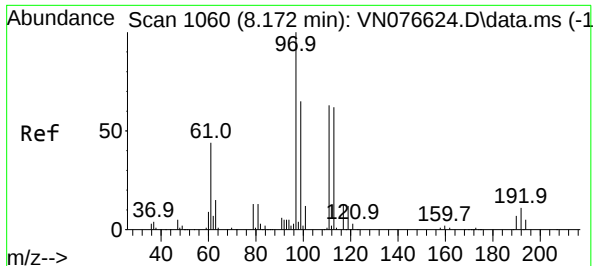
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 14.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.453 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076770.D

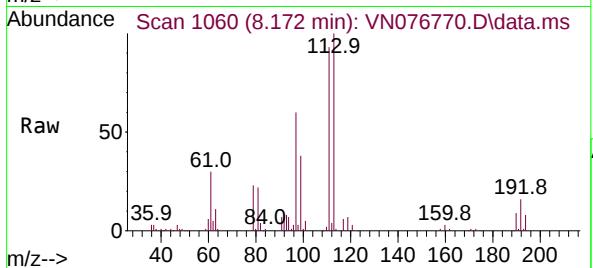
Acq: 22 Feb 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBSD01



Tgt Ion: 113 Resp: 148744

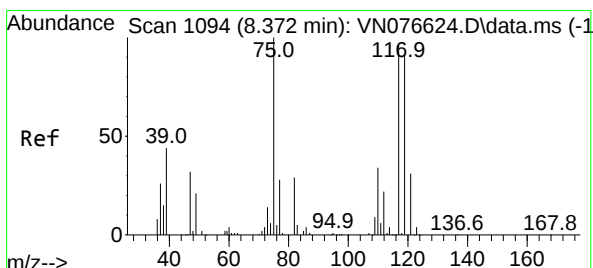
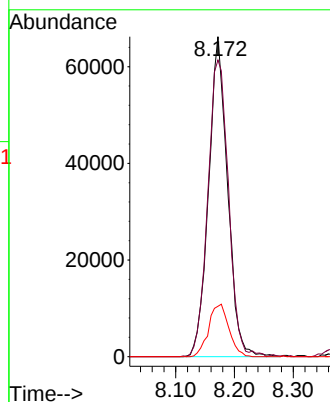
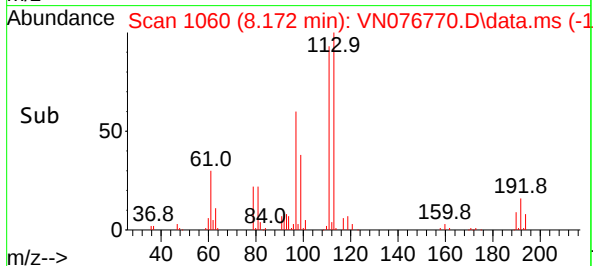
Ion	Ratio	Lower	Upper
113	100		
111	101.0	83.1	124.7
192	17.5	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#36

1,1-Dichloropropene

Concen: 19.076 ug/l

RT: 8.378 min Scan# 1095

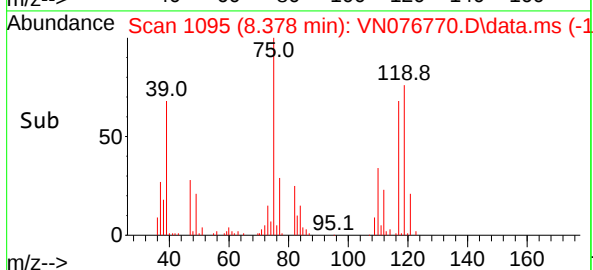
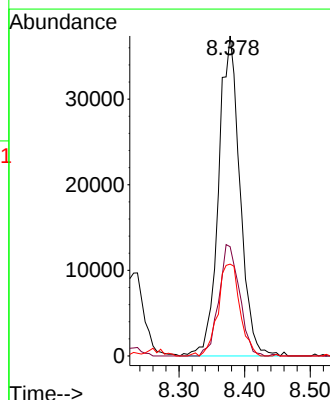
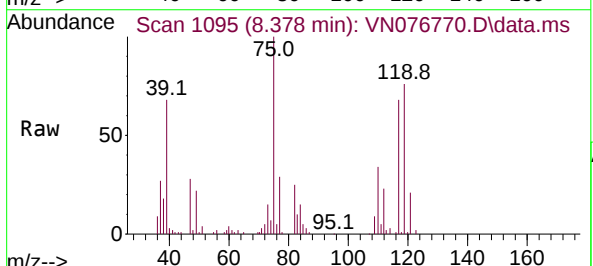
Delta R.T. 0.006 min

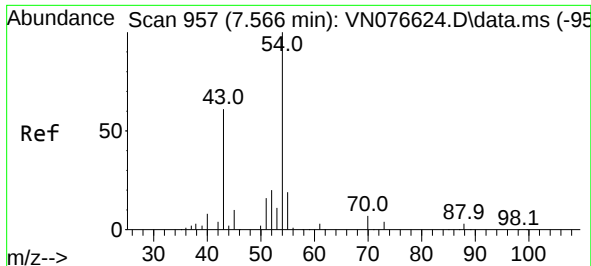
Lab File: VN076770.D

Acq: 22 Feb 2023 14:53

Tgt Ion: 75 Resp: 84612

Ion	Ratio	Lower	Upper
75	100		
110	33.5	17.5	52.5
77	29.5	24.5	36.7





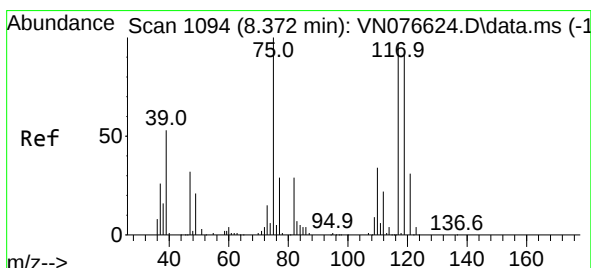
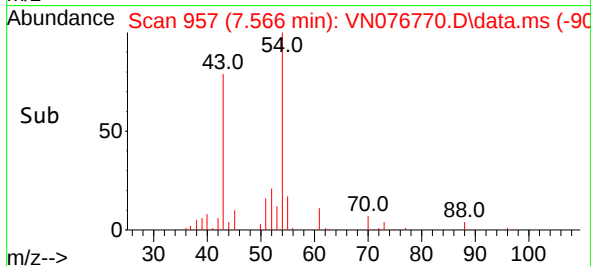
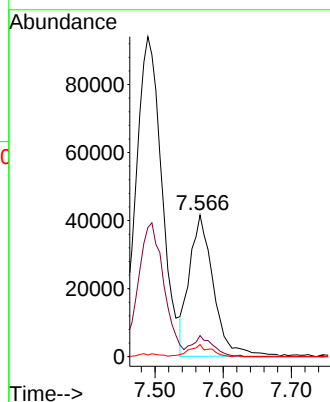
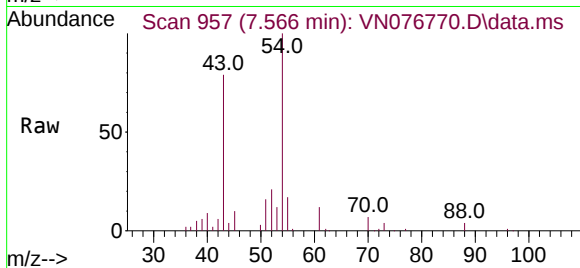
#37
Ethyl Acetate
Concen: 21.712 ug/l
RT: 7.566 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01

Tgt Ion: 43 Resp: 10132
Ion Ratio Lower Upper
43 100
61 12.9 9.9 14.9
70 7.5 7.8 11.6

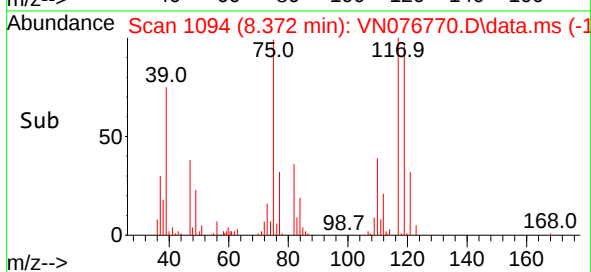
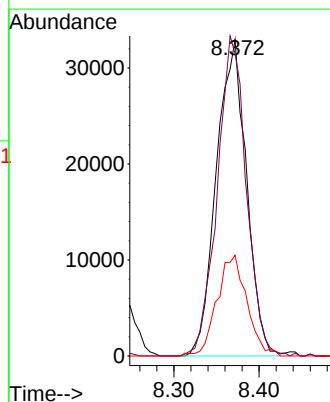
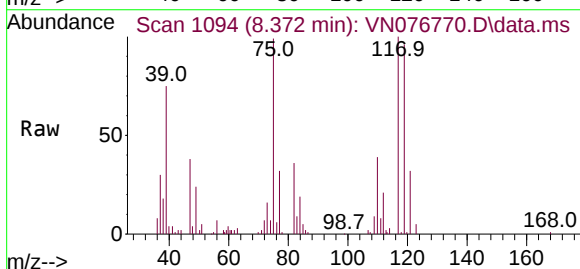
Manual Integrations
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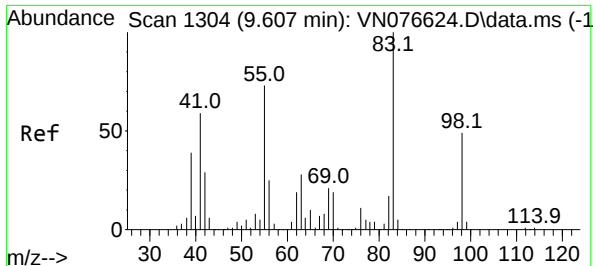
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#38
Carbon Tetrachloride
Concen: 18.060 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

Tgt Ion:117 Resp: 80806
Ion Ratio Lower Upper
117 100
119 95.6 75.4 113.0
121 31.8 26.0 39.0





#39

Methylcyclohexane

Concen: 19.036 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN076770.D

Acq: 22 Feb 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBSD01

Tgt Ion: 83 Resp: 95974

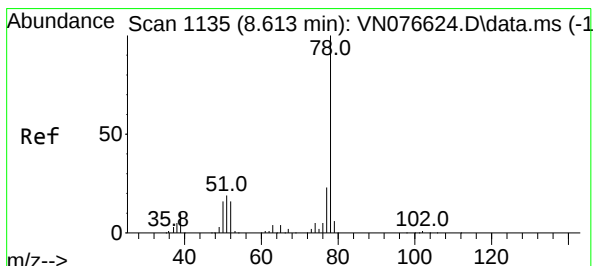
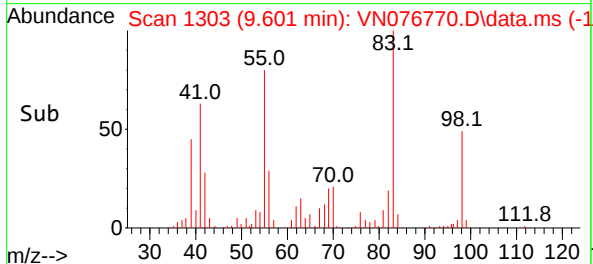
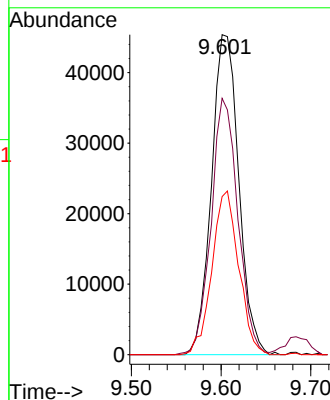
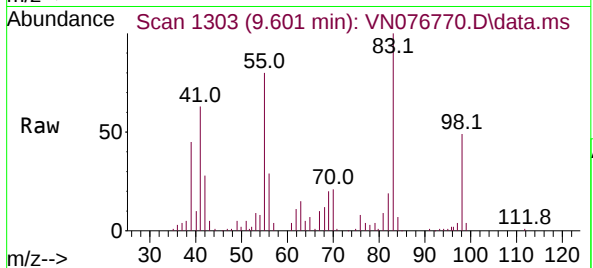
Ion	Ratio	Lower	Upper
83	100		
55	79.7	58.6	88.0
98	49.4	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#40

Benzene

Concen: 19.827 ug/l

RT: 8.613 min Scan# 1135

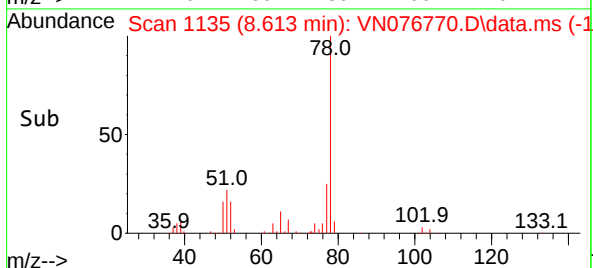
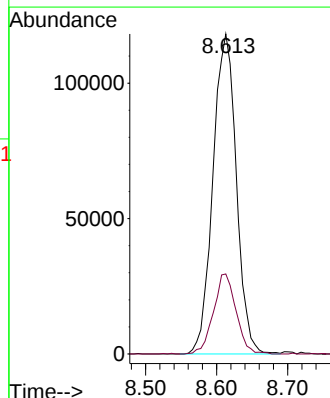
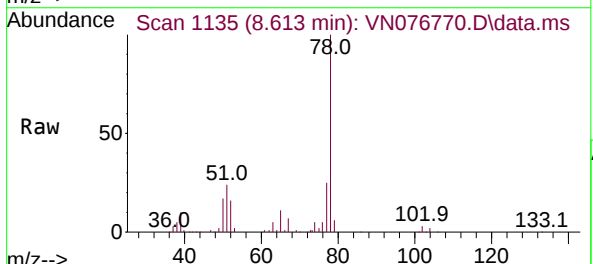
Delta R.T. -0.000 min

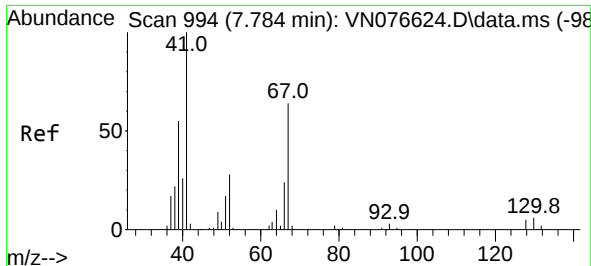
Lab File: VN076770.D

Acq: 22 Feb 2023 14:53

Tgt Ion: 78 Resp: 270068

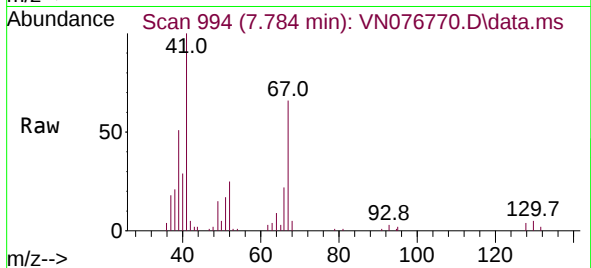
Ion	Ratio	Lower	Upper
78	100		
77	25.0	18.2	27.4





#41
Methacrylonitrile
Concen: 20.977 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

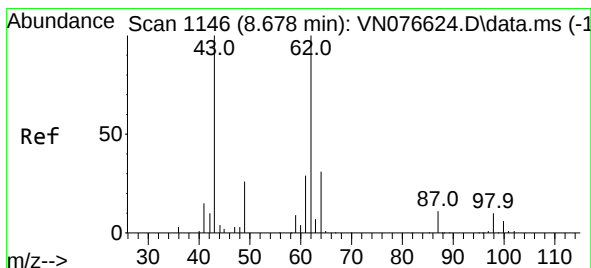
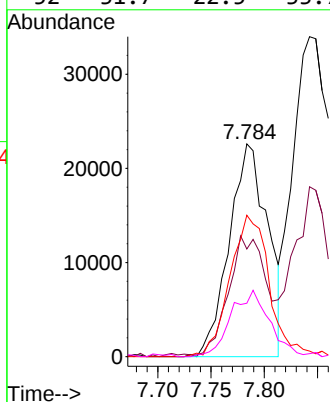
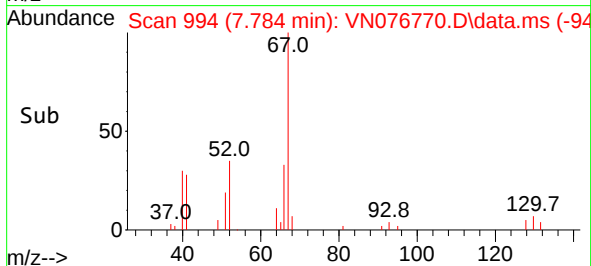
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



Tgt Ion: 41 Resp: 56710
Ion Ratio Lower Upper
41 100
39 52.4 42.6 63.8
67 68.5 51.4 77.0
52 31.7 22.5 33.7

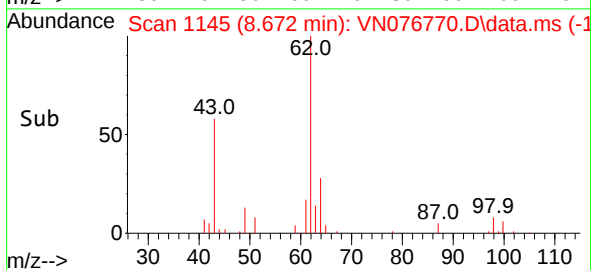
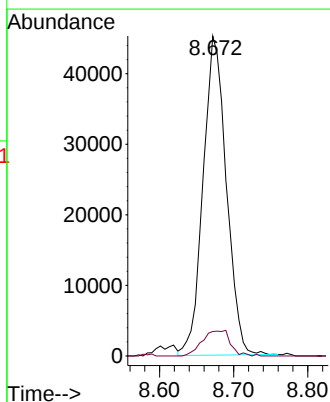
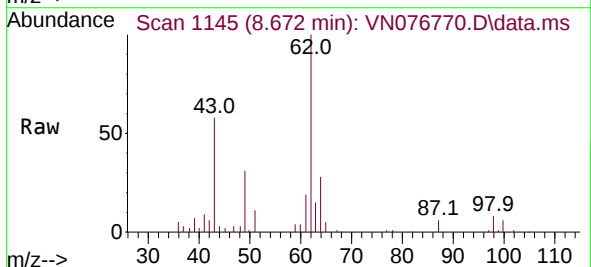
Manual Integrations
APPROVED

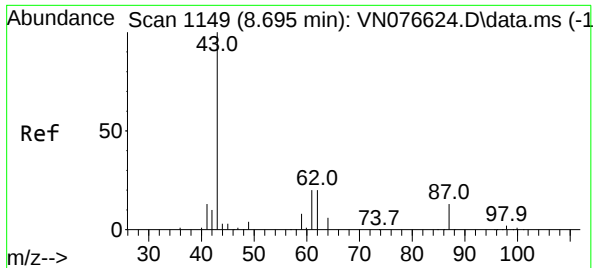
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#42
1,2-Dichloroethane
Concen: 20.756 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

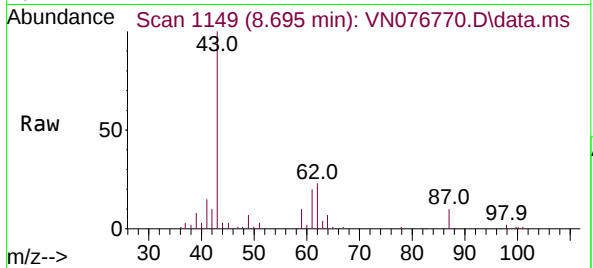
Tgt Ion: 62 Resp: 98604
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.2





#43
Isopropyl Acetate
Concen: 21.943 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

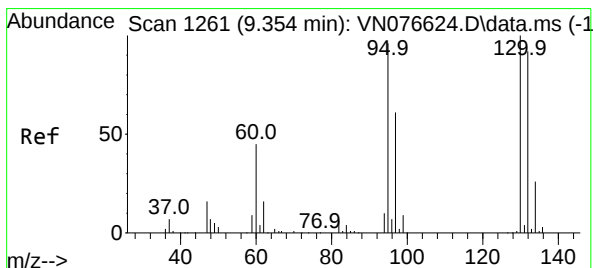
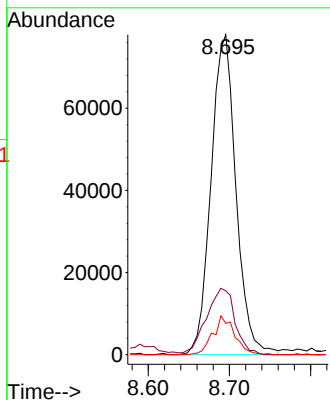
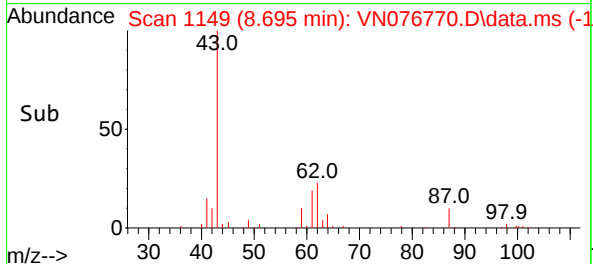
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



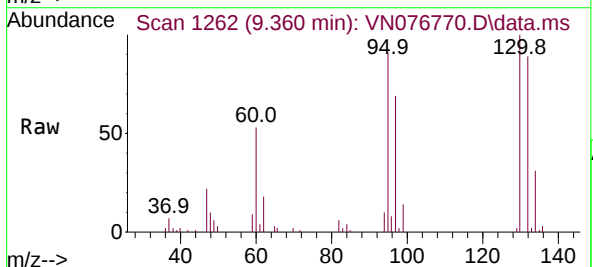
Tgt Ion: 43 Resp: 166630
Ion Ratio Lower Upper
43 100
61 23.8 20.0 30.0
87 10.6 9.9 14.9

Manual Integrations
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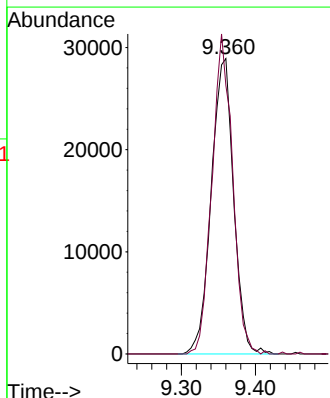
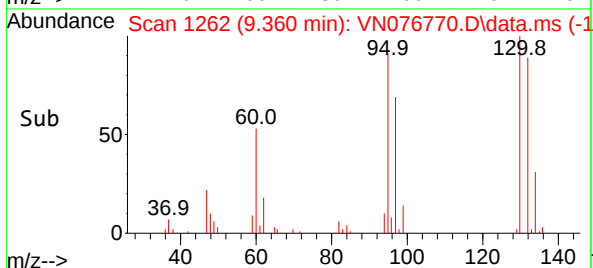
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

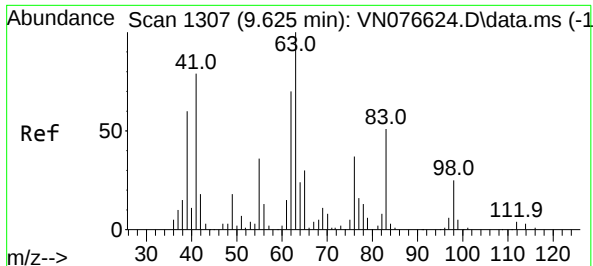


#44
Trichloroethene
Concen: 18.859 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53



Tgt Ion:130 Resp: 60702
Ion Ratio Lower Upper
130 100
95 90.9 0.0 191.4





#45

1,2-Dichloropropane

Concen: 20.638 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076770.D

Acq: 22 Feb 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBSD01

Tgt Ion: 63 Resp: 7441

Ion Ratio Lower Upper

63 100

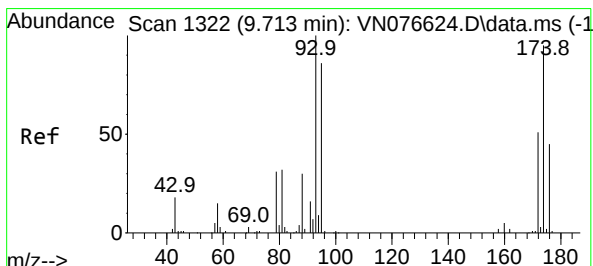
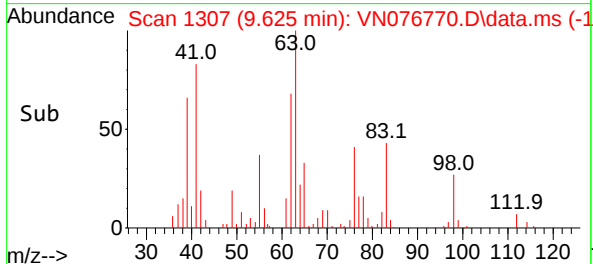
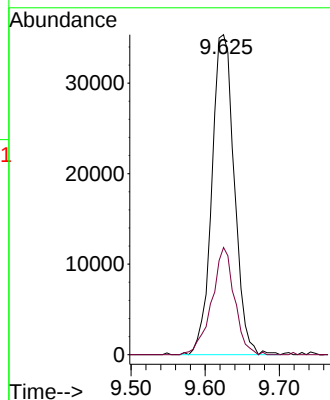
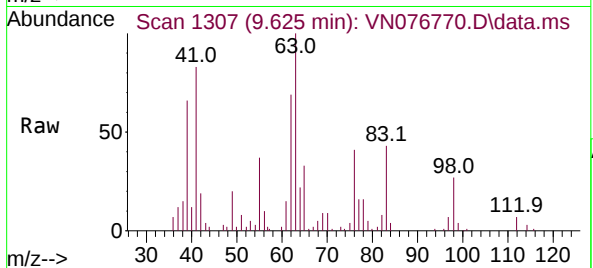
65 33.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#46

Dibromomethane

Concen: 20.800 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076770.D

Acq: 22 Feb 2023 14:53

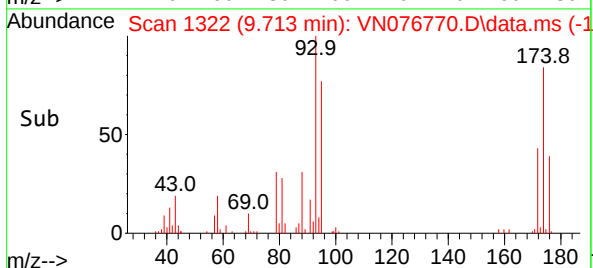
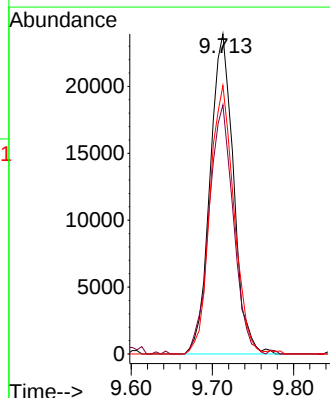
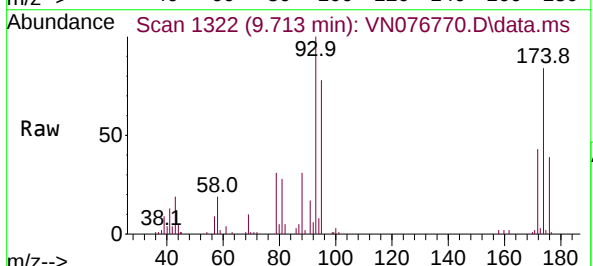
Tgt Ion: 93 Resp: 47946

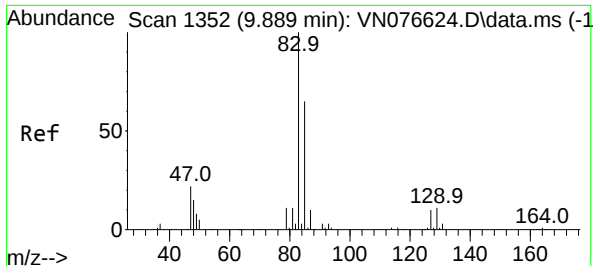
Ion Ratio Lower Upper

93 100

95 80.6 66.0 99.0

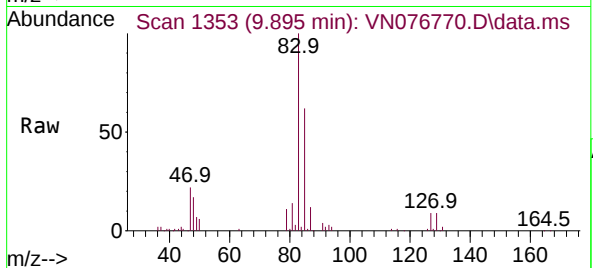
174 85.9 75.8 113.8





#47
Bromodichloromethane
Concen: 20.368 ug/l
RT: 9.895 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

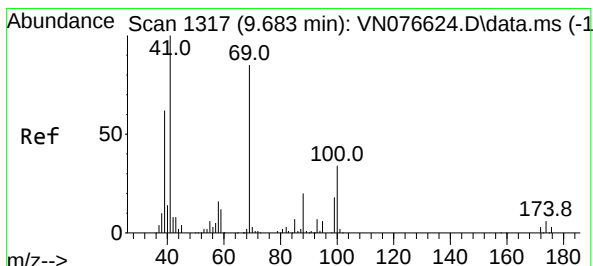
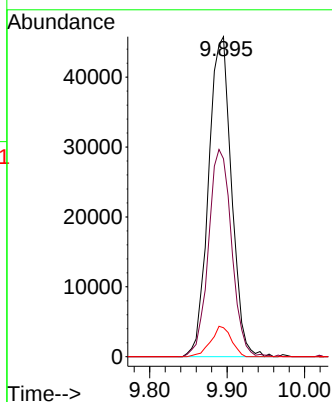
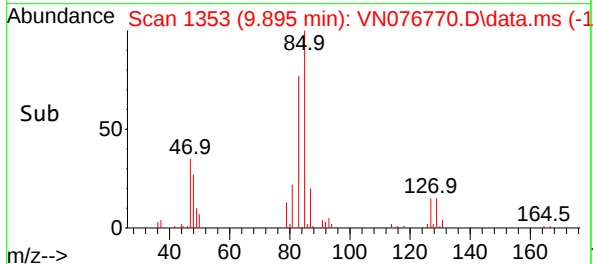
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



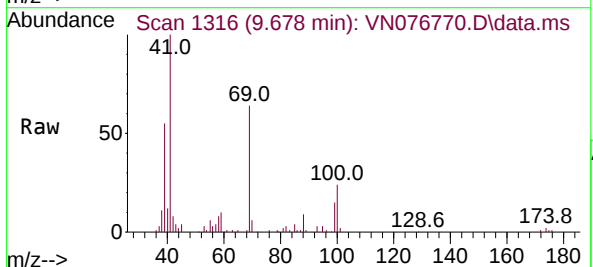
Tgt Ion: 83 Resp: 94134
Ion Ratio Lower Upper
83 100
85 61.9 51.8 77.6
127 9.0 7.9 11.9

Manual Integrations
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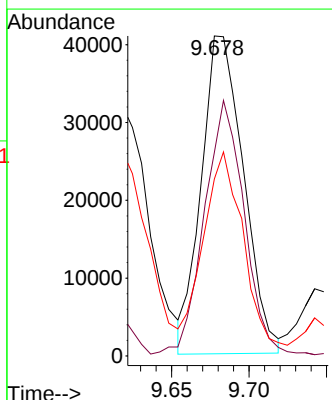
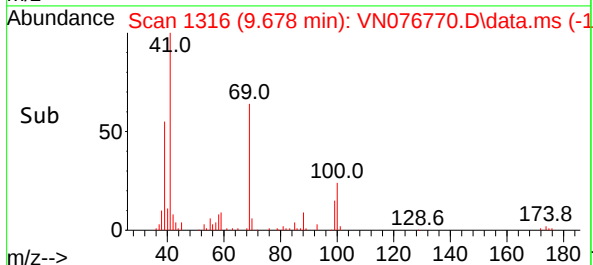
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

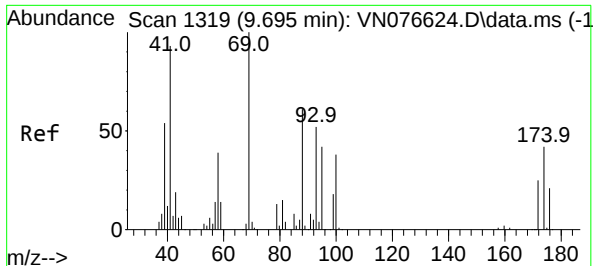


#48
Methyl methacrylate
Concen: 21.477 ug/l
RT: 9.678 min Scan# 1316
Delta R.T. -0.005 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53



Tgt Ion: 41 Resp: 77391
Ion Ratio Lower Upper
41 100
69 77.0 65.4 98.0
39 62.5 49.3 73.9





#49

1,4-Dioxane

Concen: 437.284 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076770.D

Acq: 22 Feb 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBSD01

Tgt Ion: 88 Resp: 2725

Ion Ratio Lower Upper

88 100

43 31.7 22.6 33.8

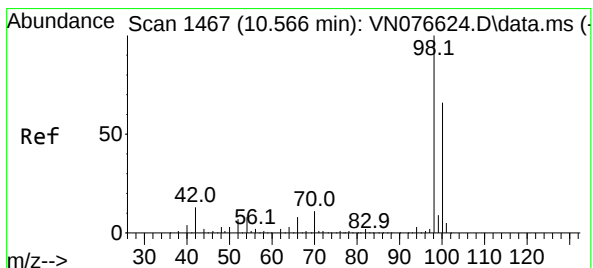
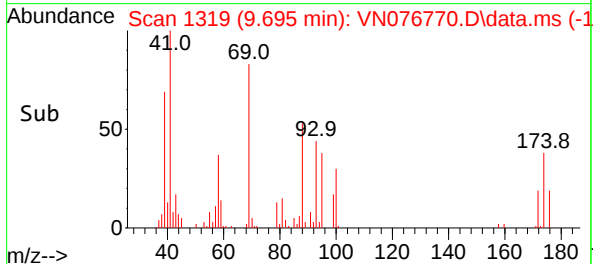
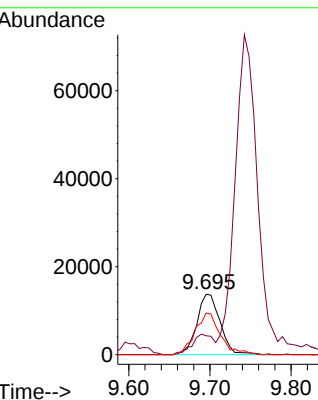
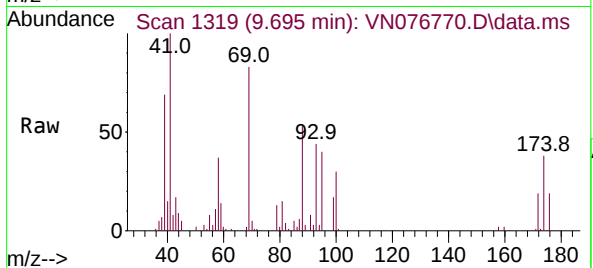
58 75.1 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#50

Toluene-d8

Concen: 51.448 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.000 min

Lab File: VN076770.D

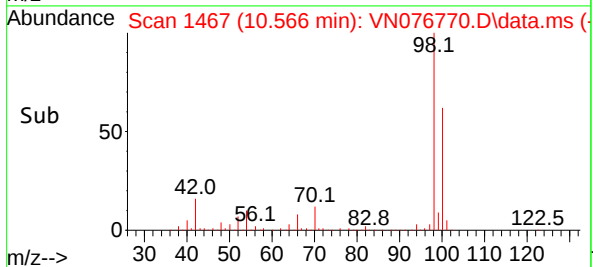
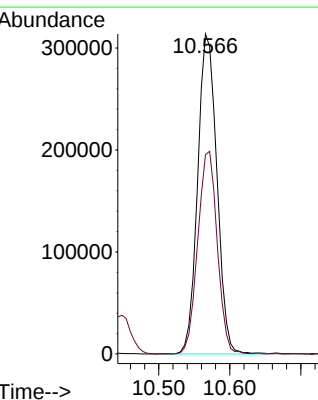
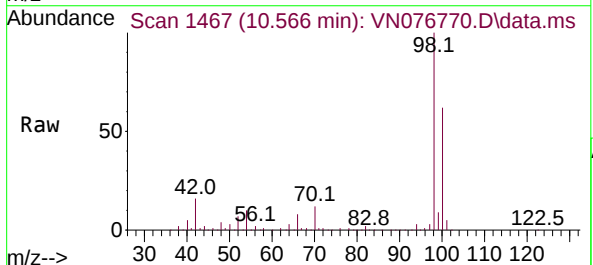
Acq: 22 Feb 2023 14:53

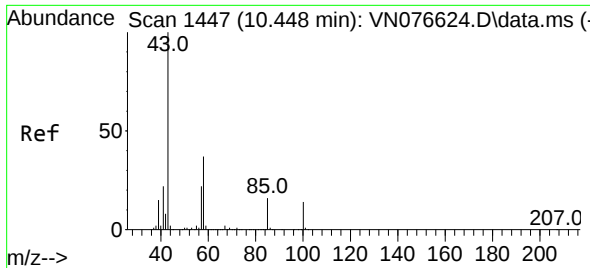
Tgt Ion: 98 Resp: 589822

Ion Ratio Lower Upper

98 100

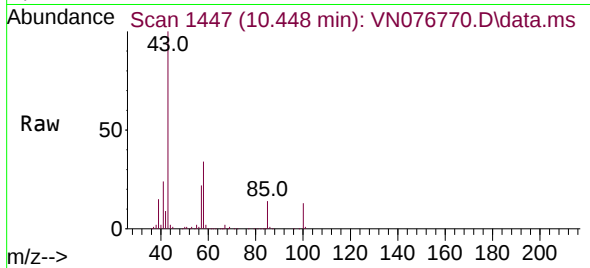
100 64.1 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 111.985 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

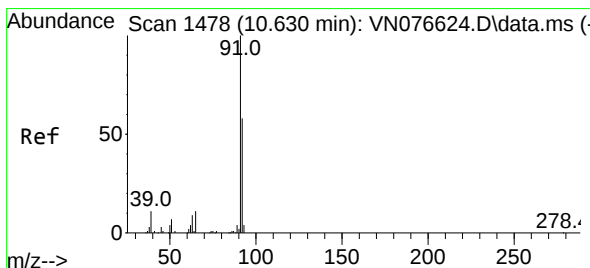
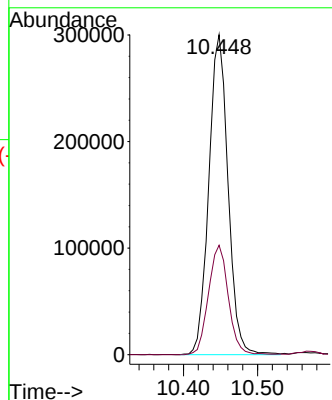
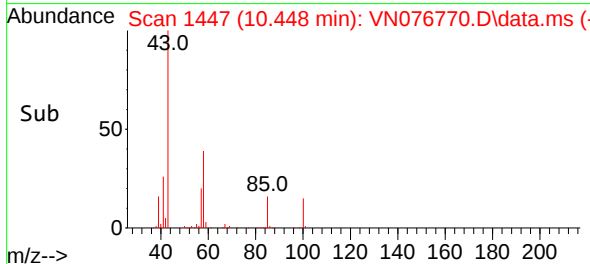
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



Tgt Ion: 43 Resp: 541056
Ion Ratio Lower Upper
43 100
58 35.3 29.5 44.3

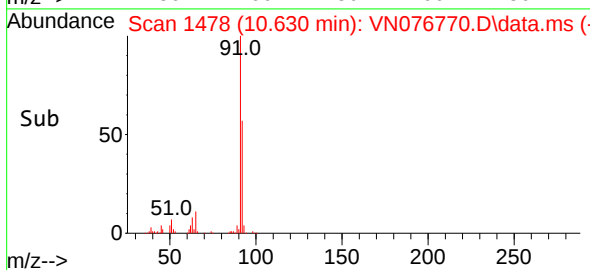
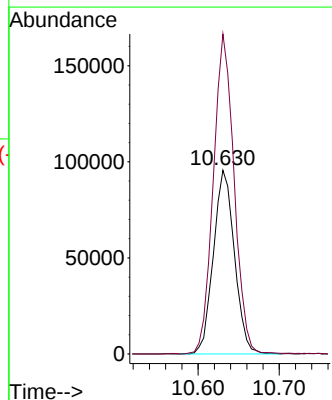
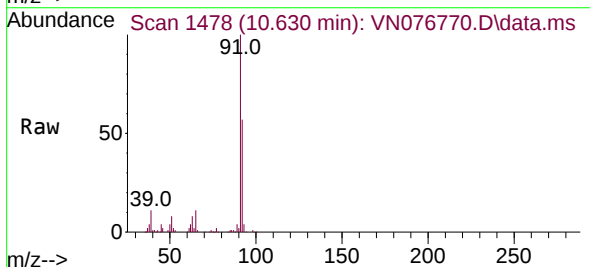
Manual Integrations
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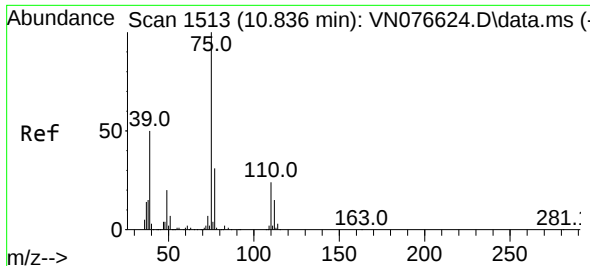
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#52
Toluene
Concen: 20.974 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

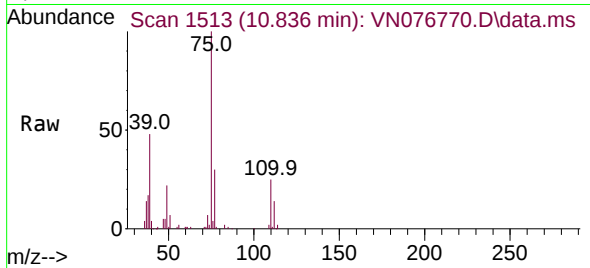
Tgt Ion: 92 Resp: 172477
Ion Ratio Lower Upper
92 100
91 172.0 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 21.571 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

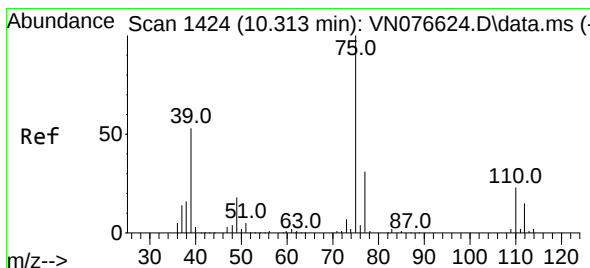
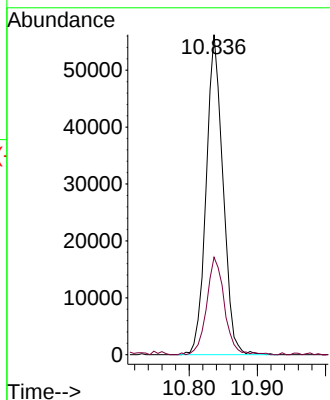
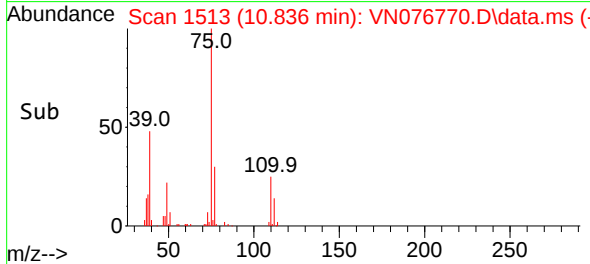
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



Tgt Ion: 75 Resp: 96224
Ion Ratio Lower Upper
75 100
77 30.5 24.6 37.0

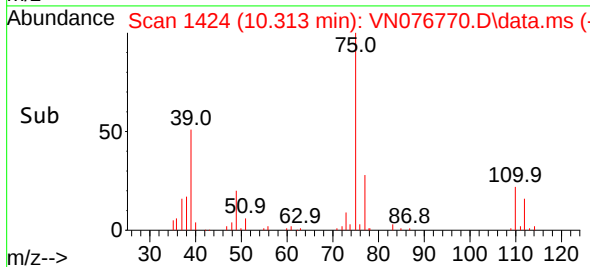
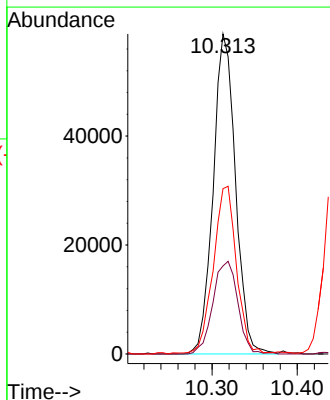
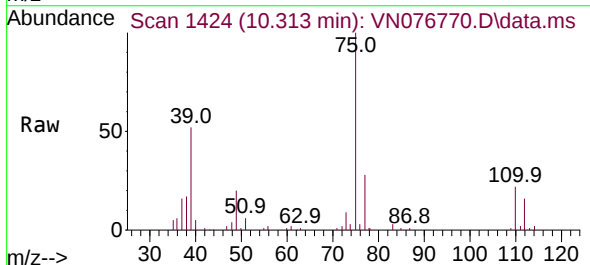
Manual Integrations
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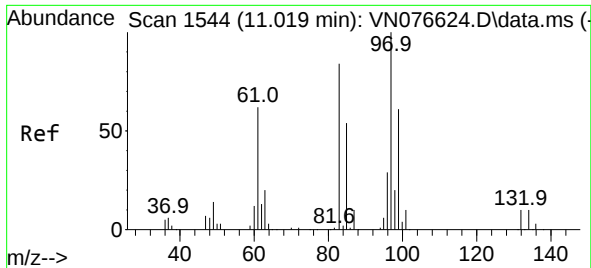
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#54
cis-1,3-Dichloropropene
Concen: 20.804 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

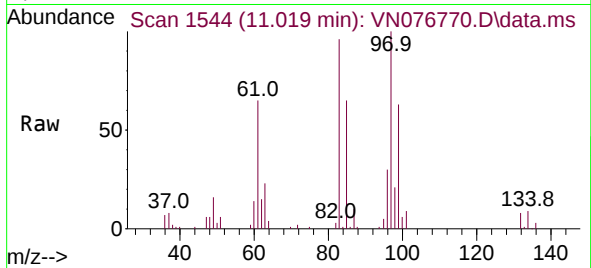
Tgt Ion: 75 Resp: 107045
Ion Ratio Lower Upper
75 100
77 27.5 25.1 37.7
39 51.3 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 20.187 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01

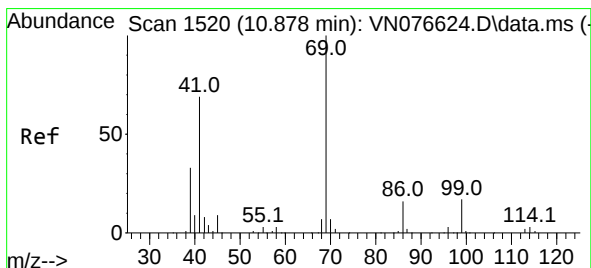
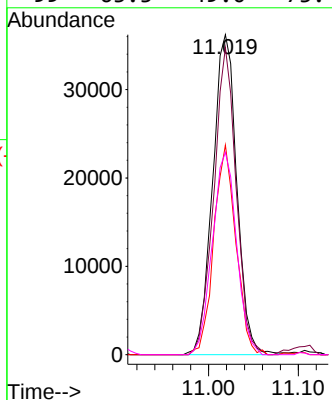
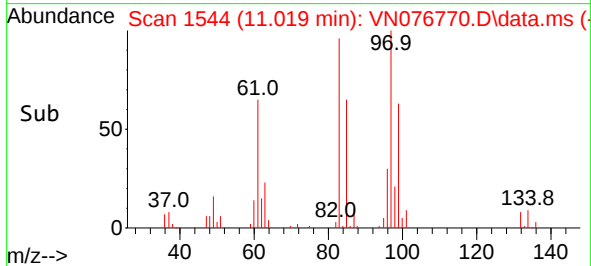


Tgt Ion: 97 Resp: 67504

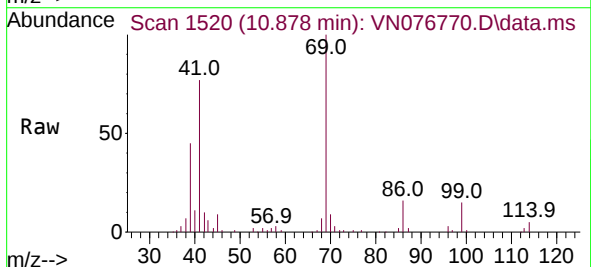
Ion	Ratio	Lower	Upper
97	100		
83	95.9	67.3	100.9
85	65.5	43.2	64.8
99	63.3	49.0	73.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

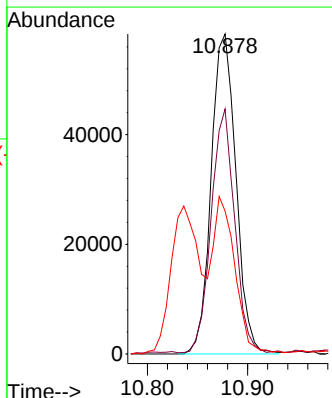
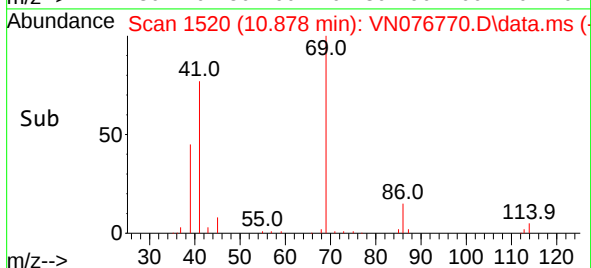


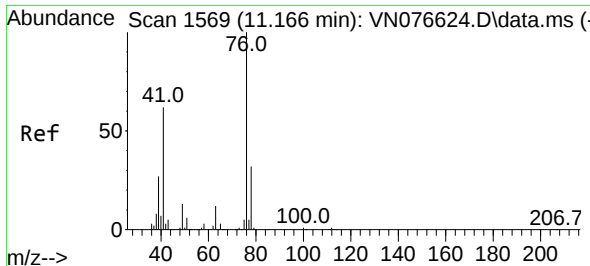
#56
Ethyl methacrylate
Concen: 21.328 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53



Tgt Ion: 69 Resp: 100387

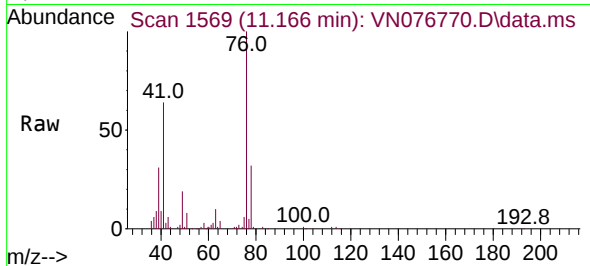
Ion	Ratio	Lower	Upper
69	100		
41	72.1	55.1	82.7
39	42.1	30.7	46.1





#57
1,3-Dichloropropane
Concen: 20.763 ug/l
RT: 11.166 min Scan# 1156
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

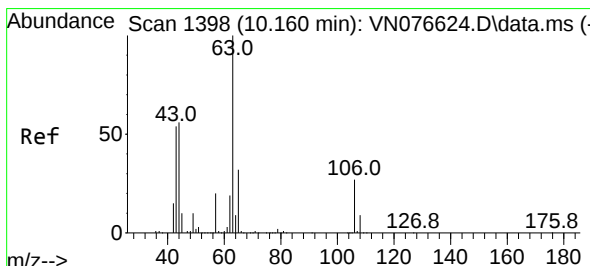
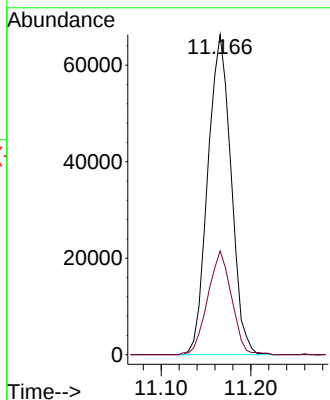
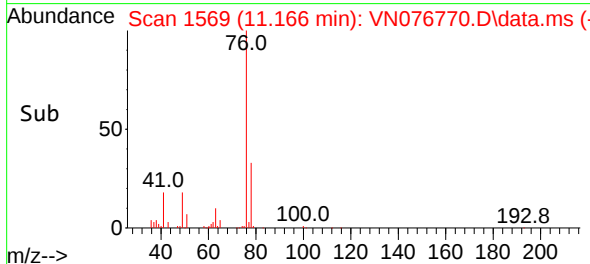
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



Tgt Ion: 76 Resp: 119280
Ion Ratio Lower Upper
76 100
78 33.3 26.1 39.1

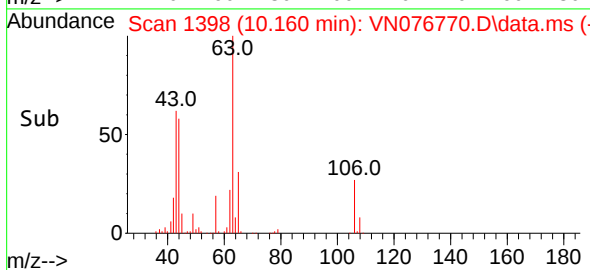
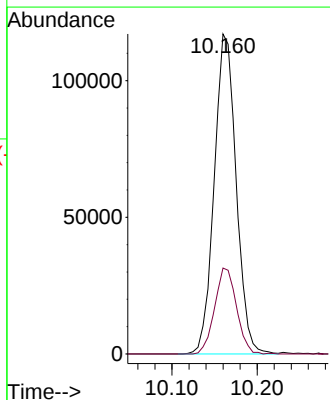
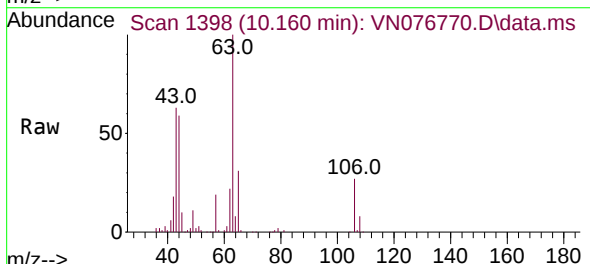
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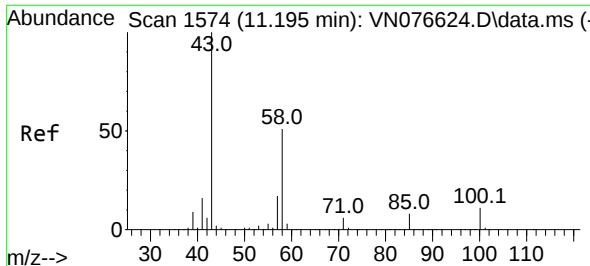
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#58
2-Chloroethyl Vinyl ether
Concen: 97.197 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

Tgt Ion: 63 Resp: 209521
Ion Ratio Lower Upper
63 100
106 26.7 22.3 33.5





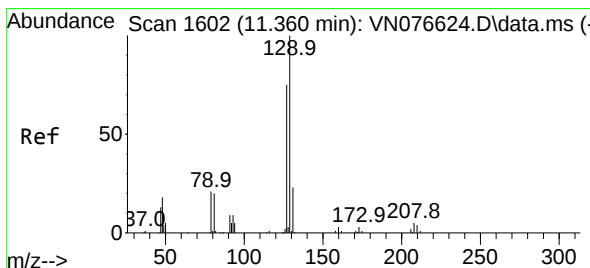
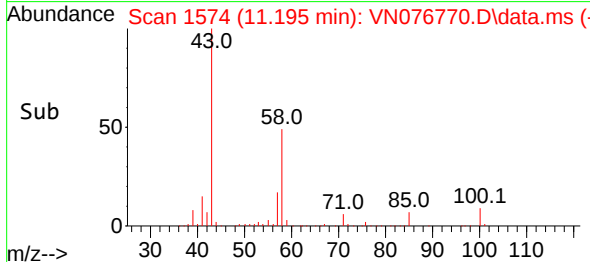
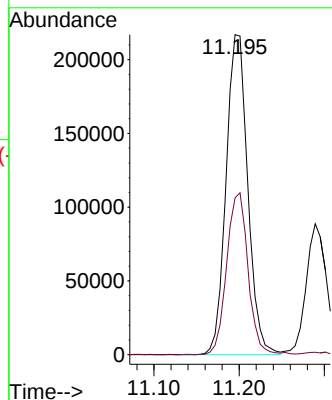
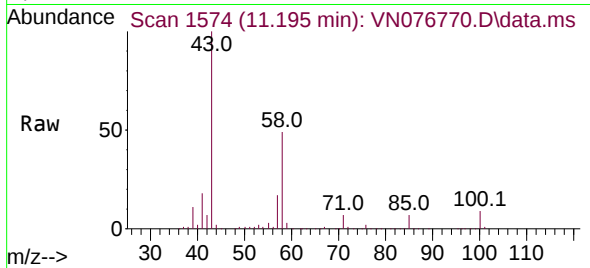
#59
2-Hexanone
Concen: 110.116 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01

Tgt Ion: 43 Resp: 383610
Ion Ratio Lower Upper
43 100
58 49.9 25.4 76.0

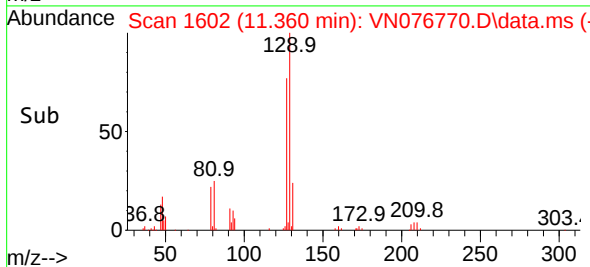
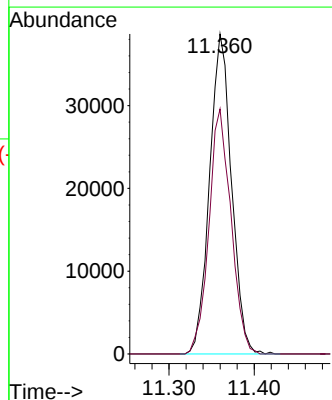
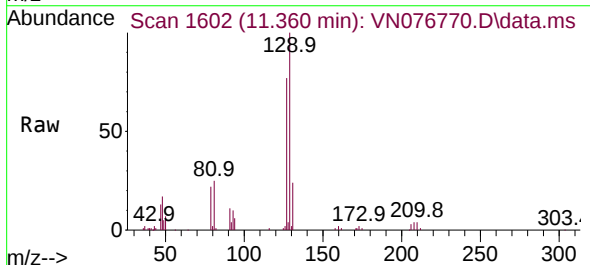
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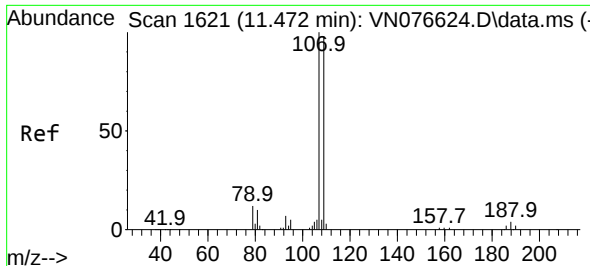
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#60
Dibromochloromethane
Concen: 19.664 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

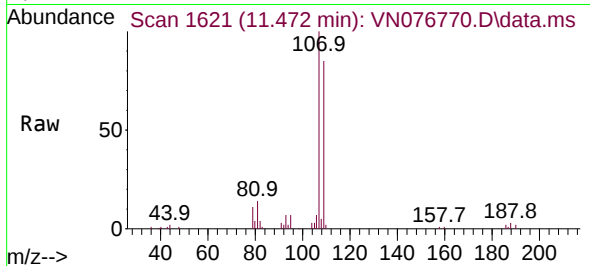
Tgt Ion:129 Resp: 69301
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.024 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

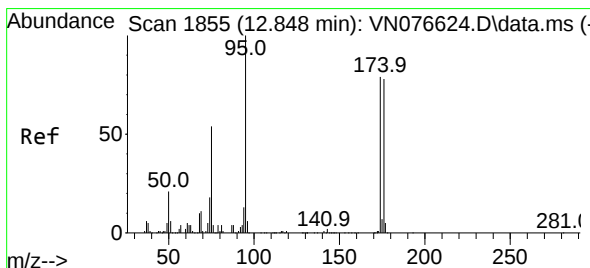
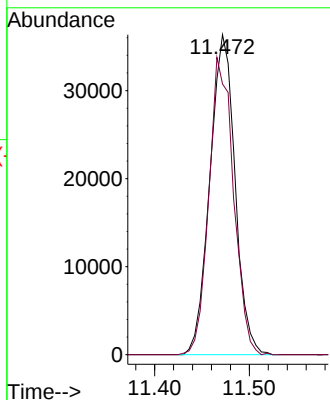
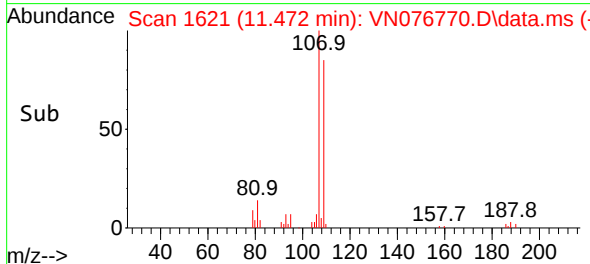
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



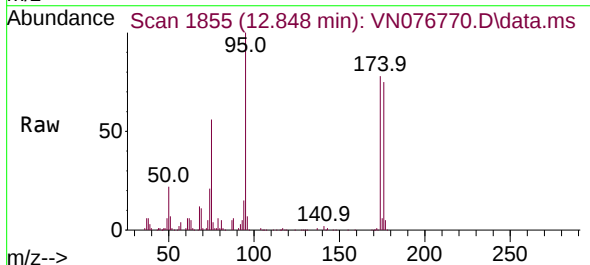
Tgt Ion:107 Resp: 6702
Ion Ratio Lower Upper
107 100
109 90.9 76.8 115.2

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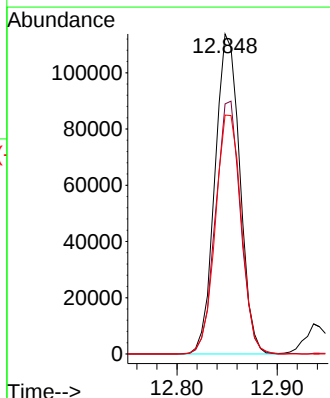
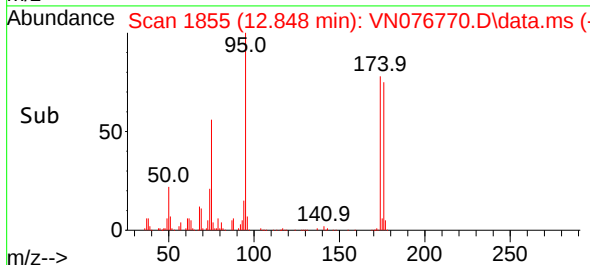
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

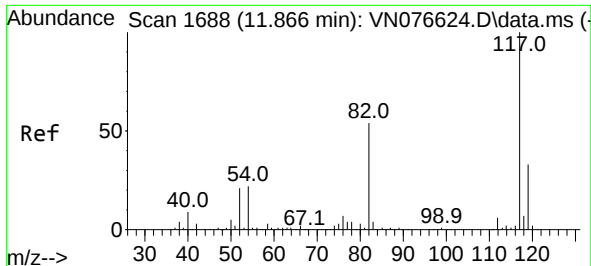


#62
4-Bromofluorobenzene
Concen: 51.568 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53



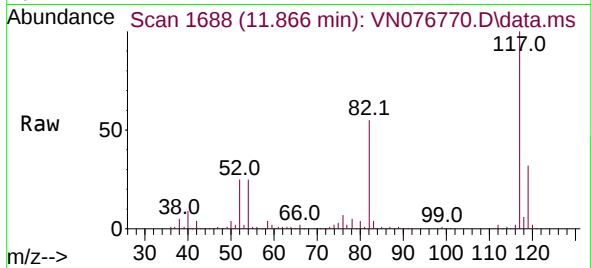
Tgt Ion: 95 Resp: 195807
Ion Ratio Lower Upper
95 100
174 79.2 0.0 169.2
176 77.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

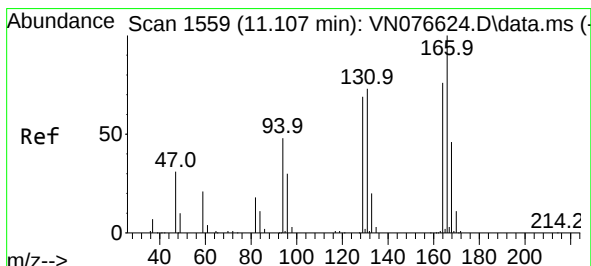
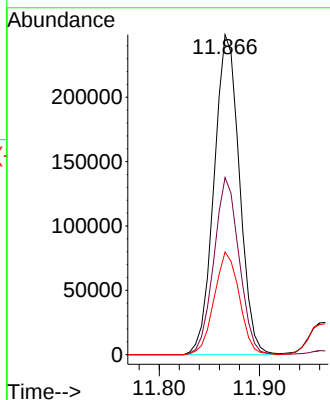
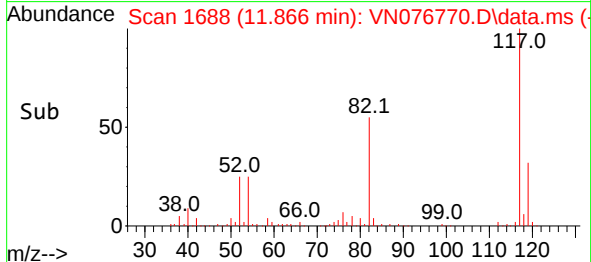
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



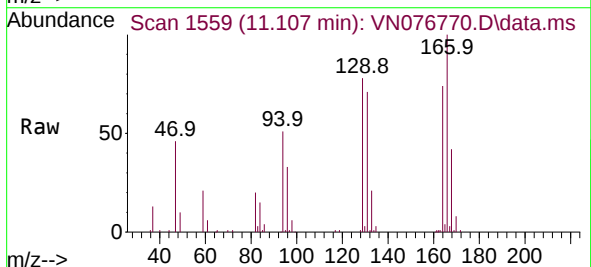
Tgt Ion:117 Resp: 437538
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.2
119 32.1 26.1 39.1

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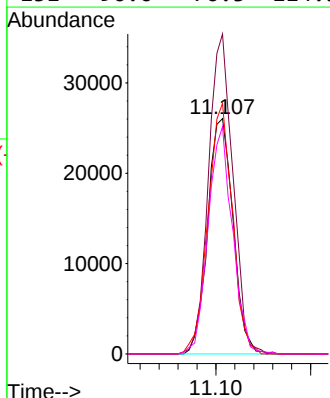
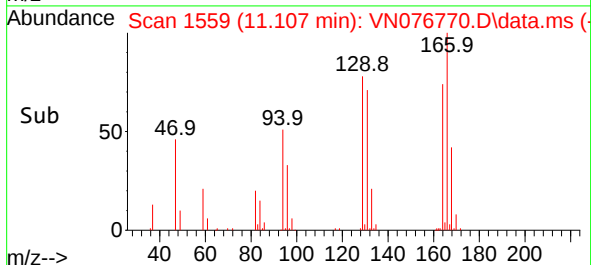
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

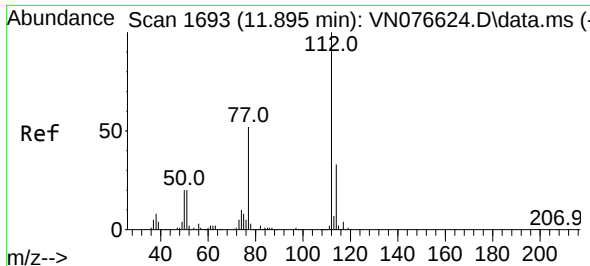


#64
Tetrachloroethene
Concen: 17.562 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53



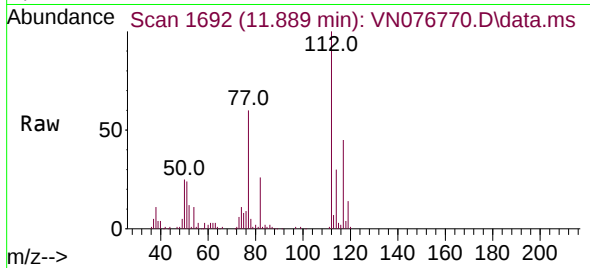
Tgt Ion:164 Resp: 48424
Ion Ratio Lower Upper
164 100
166 136.0 104.8 157.2
129 106.5 72.2 108.2
131 96.6 76.3 114.5





#65
Chlorobenzene
Concen: 19.486 ug/l
RT: 11.889 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

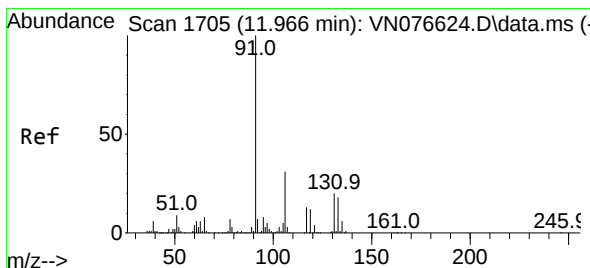
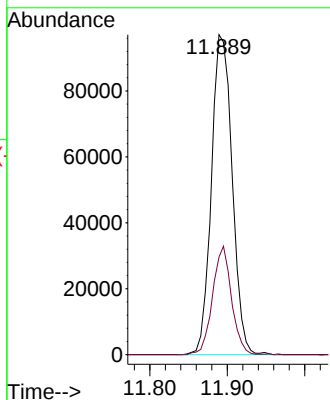
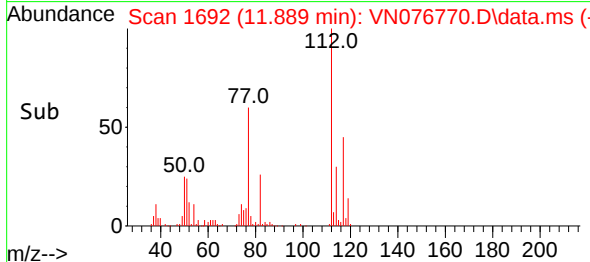
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



Tgt Ion:112 Resp: 180684
Ion Ratio Lower Upper
112 100
114 30.5 26.4 39.6

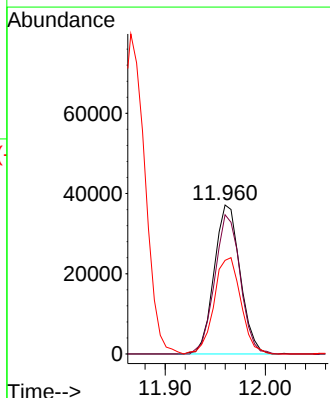
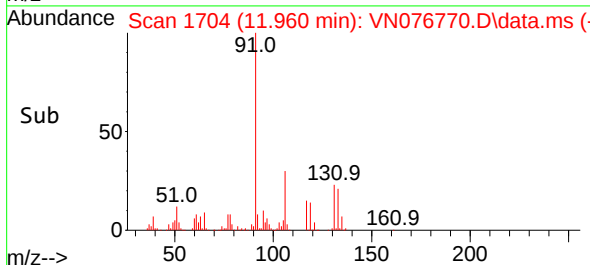
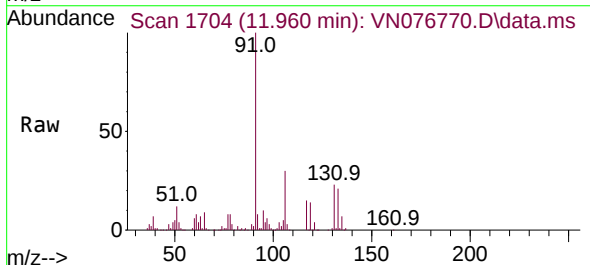
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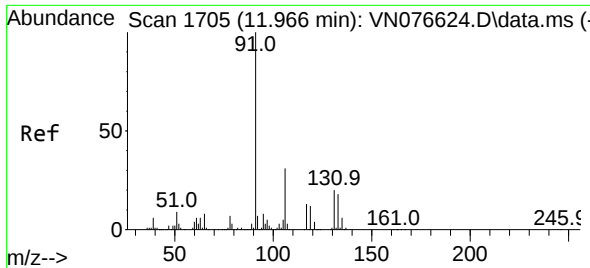
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.839 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

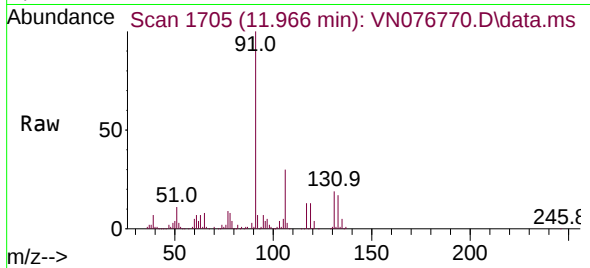
Tgt Ion:131 Resp: 66819
Ion Ratio Lower Upper
131 100
133 91.8 47.0 141.0
119 66.6 32.3 96.8





#67
Ethyl Benzene
Concen: 20.337 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

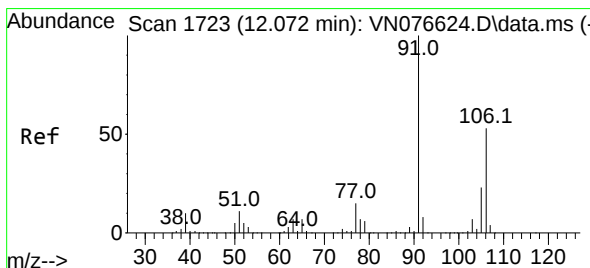
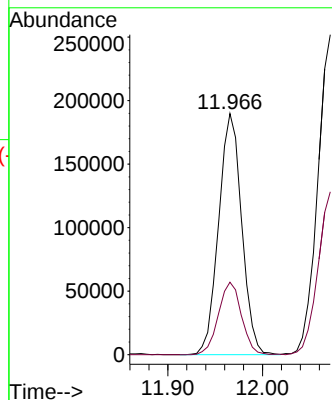
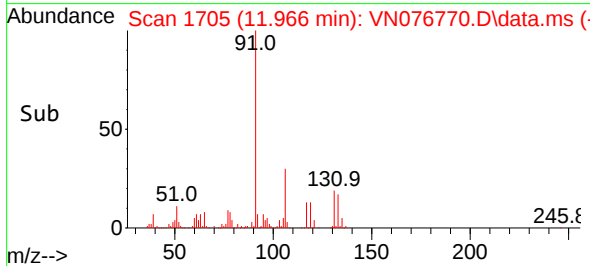
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



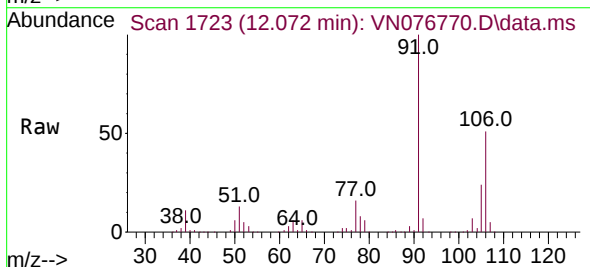
Tgt Ion: 91 Resp: 32126
Ion Ratio Lower Upper
91 100
106 30.1 25.1 37.7

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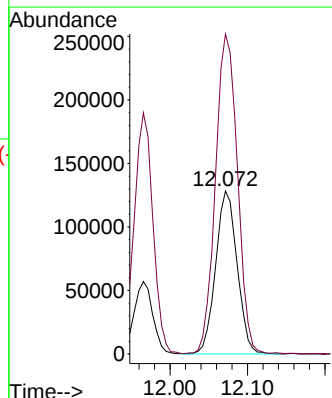
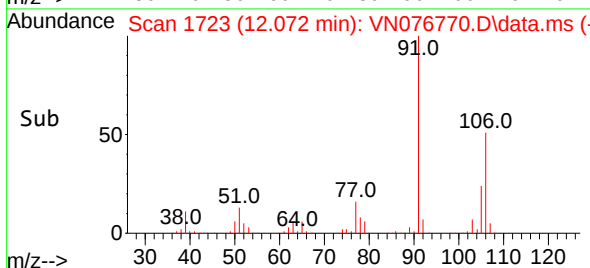
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

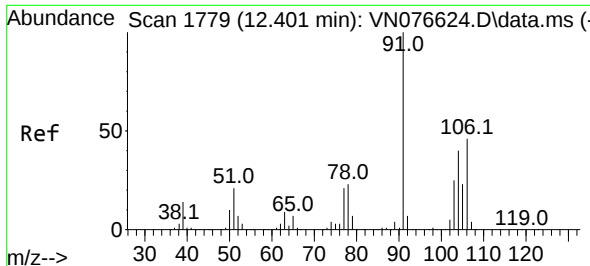


#68
m/p-Xylenes
Concen: 40.547 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53



Tgt Ion:106 Resp: 246899
Ion Ratio Lower Upper
106 100
91 200.8 154.7 232.1





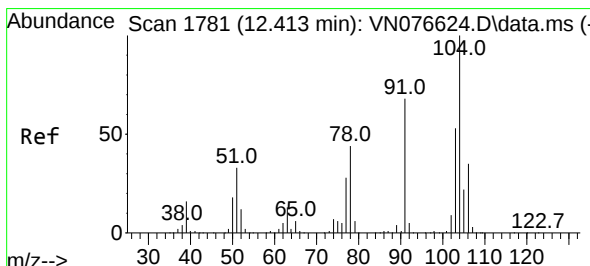
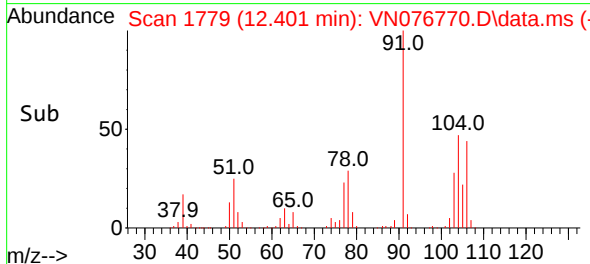
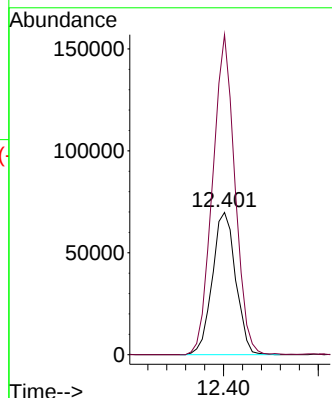
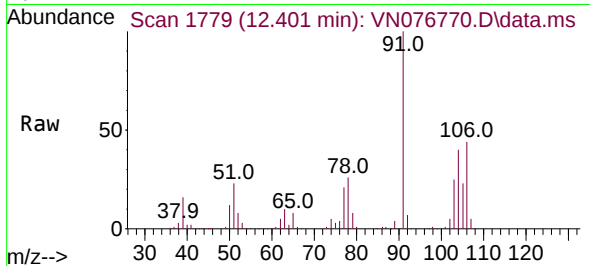
#69
o-Xylene
Concen: 20.113 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01

Tgt Ion:106 Resp: 11944
Ion Ratio Lower Upper
106 100
91 215.2 105.8 317.4

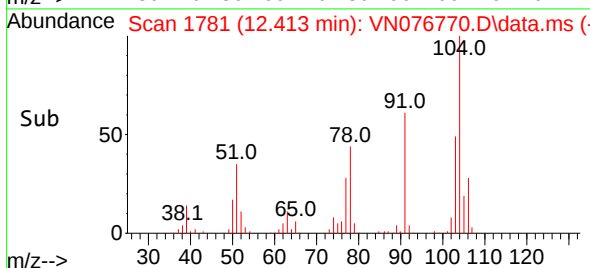
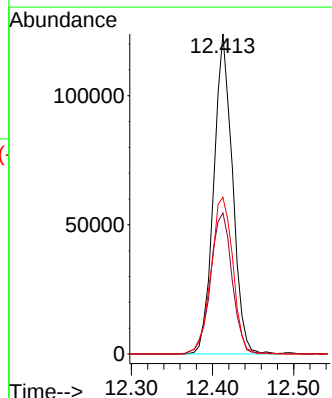
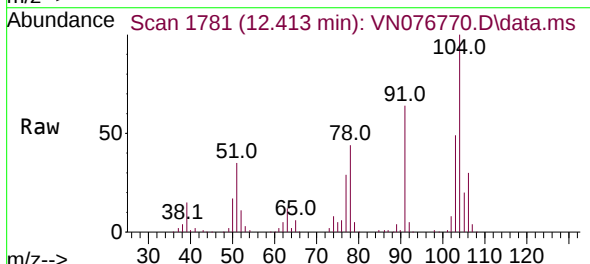
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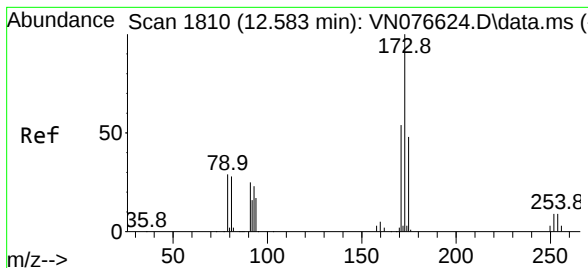
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#70
Styrene
Concen: 20.712 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

Tgt Ion:104 Resp: 198907
Ion Ratio Lower Upper
104 100
78 50.7 38.2 57.4
103 56.9 44.2 66.4





#71

Bromoform

Concen: 18.833 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076770.D

Acq: 22 Feb 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

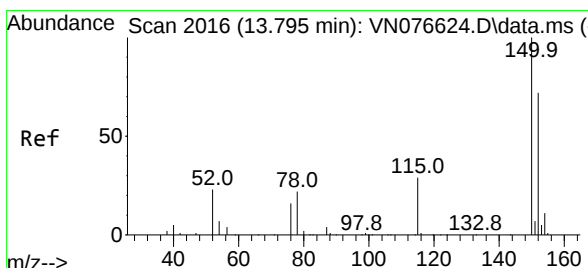
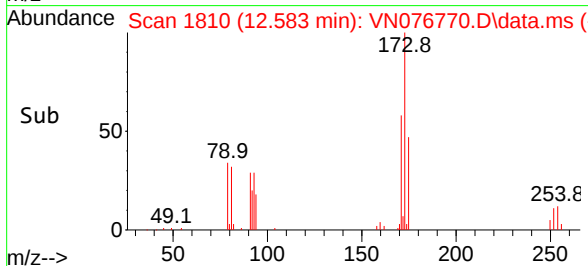
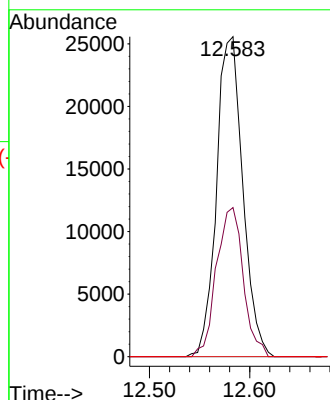
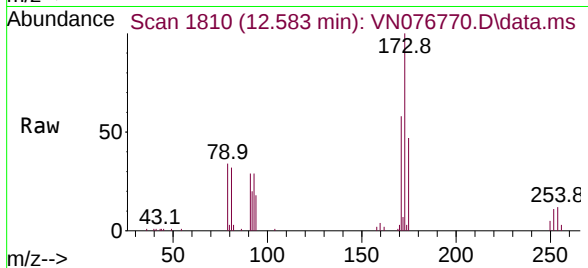
VN0222WBSD01

Tgt Ion:173 Resp: 46528
 Ion Ratio Lower Upper
 173 100
 175 47.7 24.9 74.7
 254 0.0 0.1 0.1

Manual Integrations

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Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

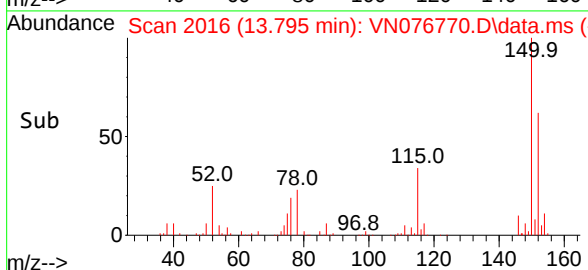
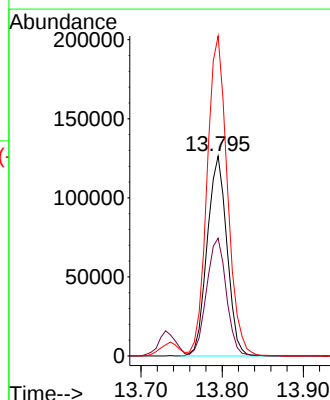
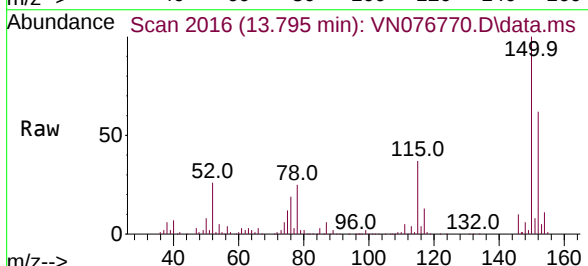
RT: 13.795 min Scan# 2016

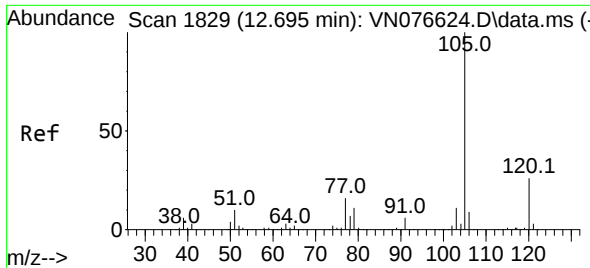
Delta R.T. -0.000 min

Lab File: VN076770.D

Acq: 22 Feb 2023 14:53

Tgt Ion:152 Resp: 213592
 Ion Ratio Lower Upper
 152 100
 115 58.9 29.3 87.9
 150 164.8 0.0 349.8





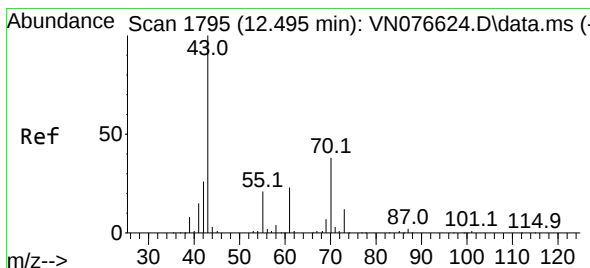
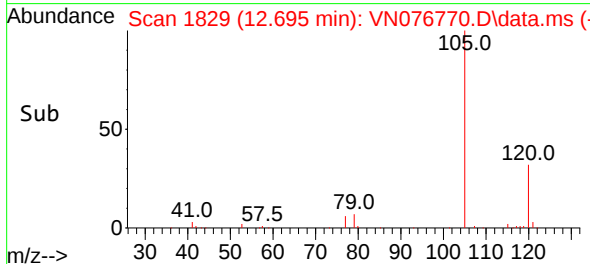
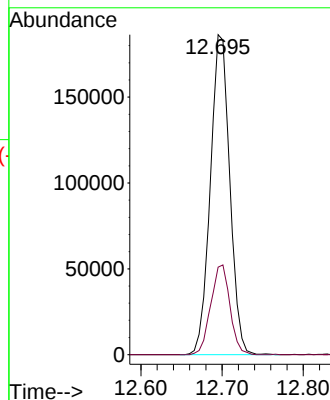
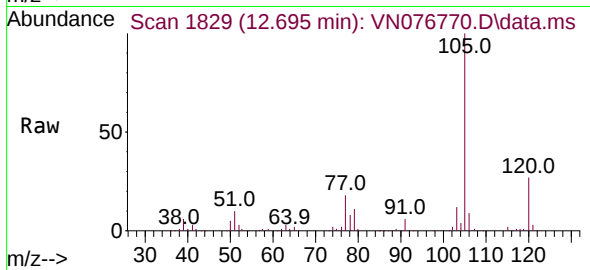
#73
Isopropylbenzene
Concen: 19.769 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01

Tgt Ion:105 Resp: 30949
Ion Ratio Lower Upper
105 100
120 27.7 13.7 41.0

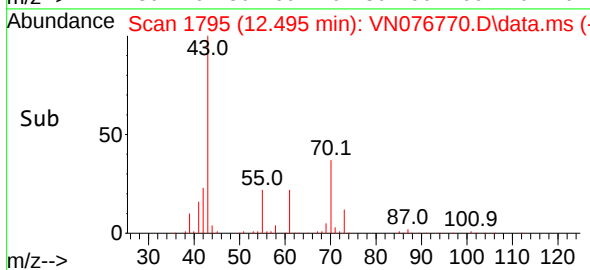
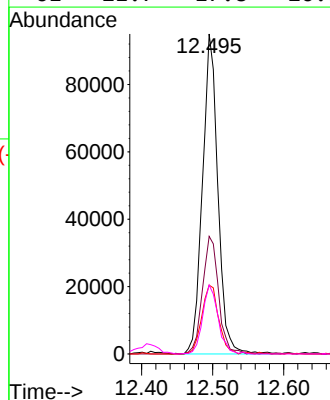
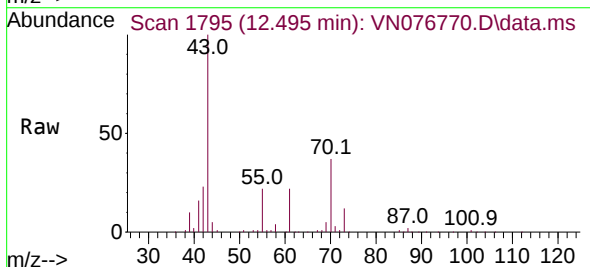
Manual Integrations
APPROVED

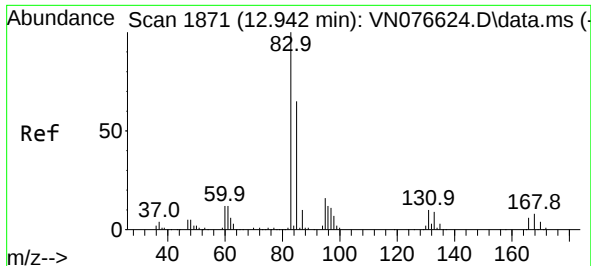
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#74
N-ethyl acetate
Concen: 20.357 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

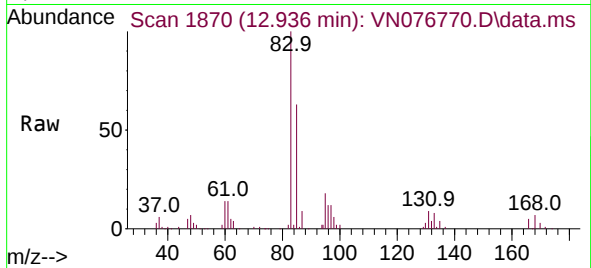
Tgt Ion: 43 Resp: 143650
Ion Ratio Lower Upper
43 100
70 38.3 30.5 45.7
55 23.5 17.8 26.8
61 21.7 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.404 ug/l
RT: 12.936 min Scan# 1871
Delta R.T. -0.006 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

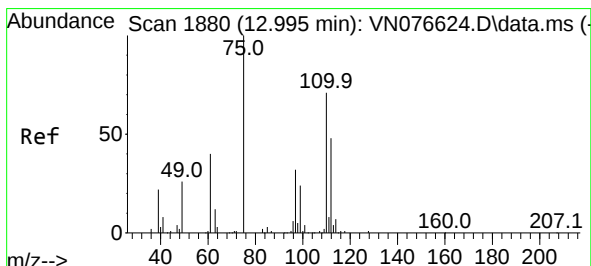
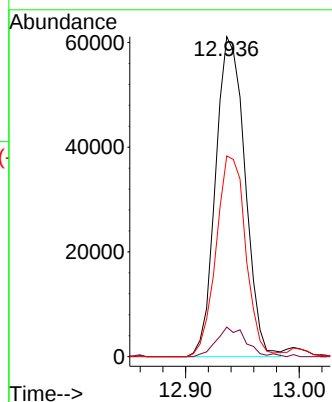
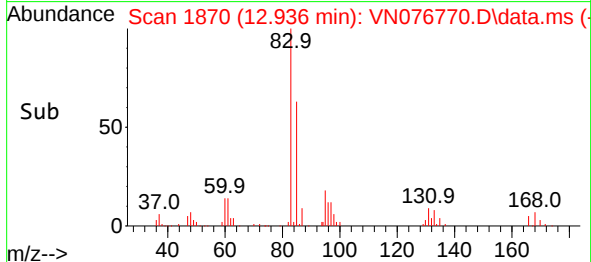
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



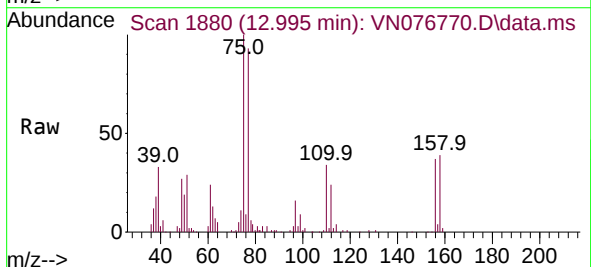
Tgt Ion: 83 Resp: 10996
Ion Ratio Lower Upper
83 100
131 9.3 5.0 15.0
85 62.9 31.8 95.3

Manual Integrations
APPROVED

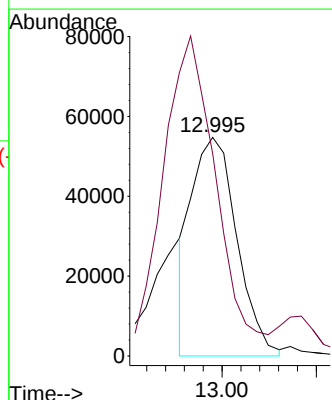
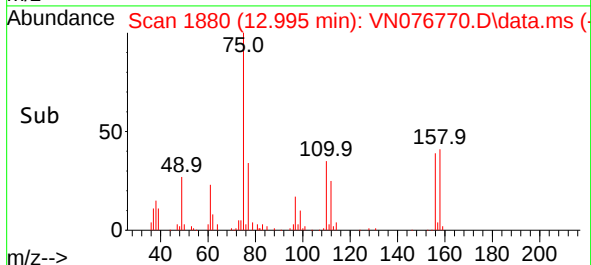
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

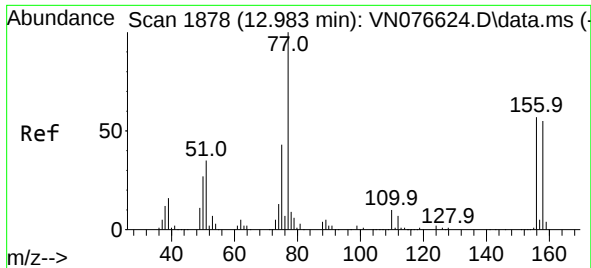


#76
1,2,3-Trichloropropane
Concen: 21.077 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53



Tgt Ion: 75 Resp: 91016
Ion Ratio Lower Upper
75 100
77 173.9 93.1 279.3





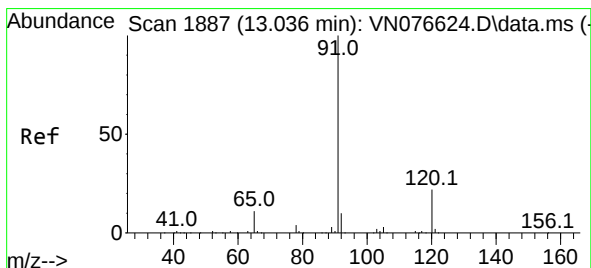
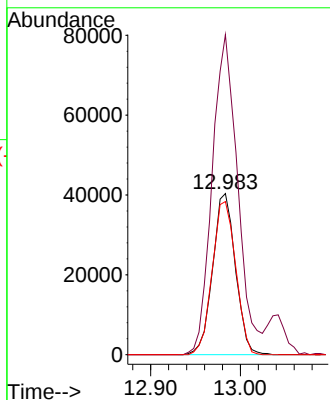
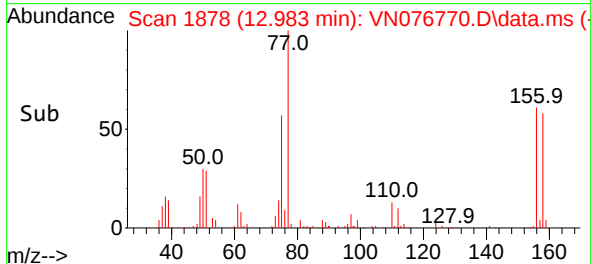
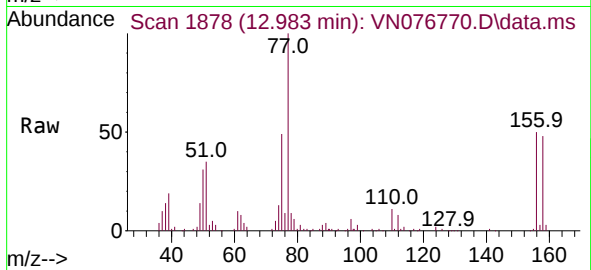
#77
Bromobenzene
Concen: 18.217 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01

Tgt Ion:156 Resp: 71158
Ion Ratio Lower Upper
156 100
77 222.5 102.8 308.4
158 98.0 48.9 146.6

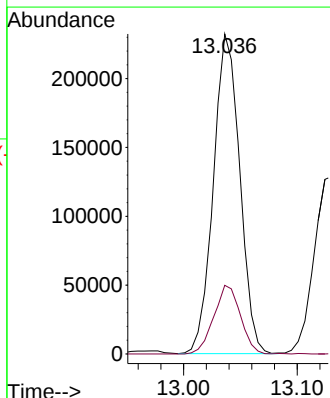
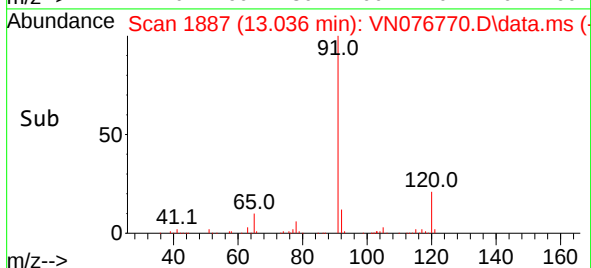
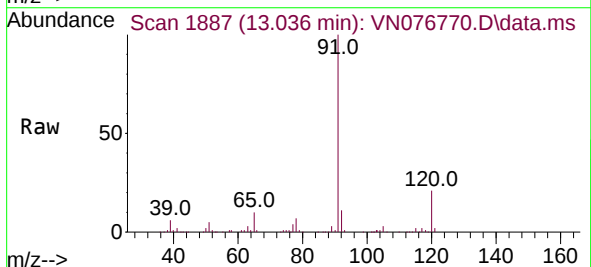
Manual Integrations
APPROVED

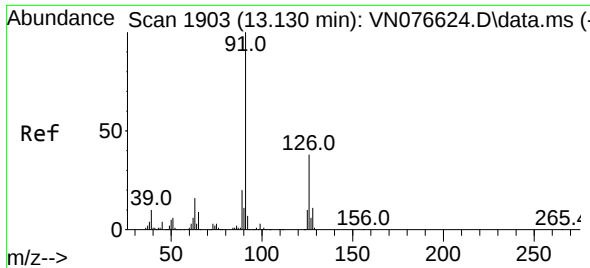
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#78
n-propylbenzene
Concen: 20.399 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

Tgt Ion: 91 Resp: 375015
Ion Ratio Lower Upper
91 100
120 21.6 11.5 34.5





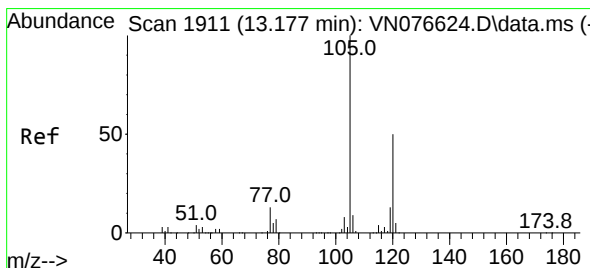
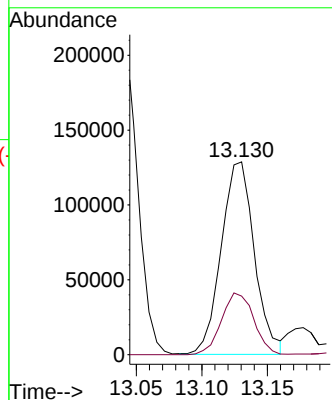
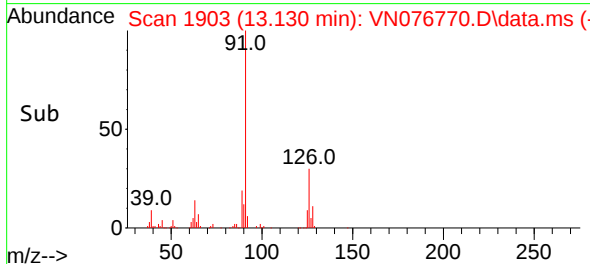
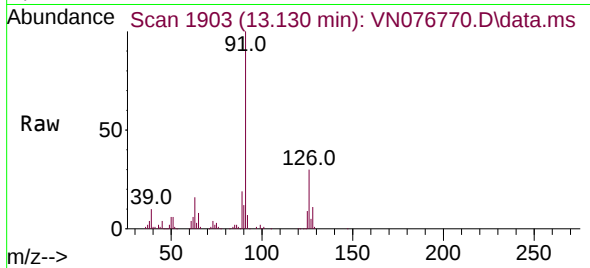
#79
2-Chlorotoluene
Concen: 20.128 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01

Tgt Ion: 91 Resp: 226568
Ion Ratio Lower Upper
91 100
126 31.2 17.7 53.1

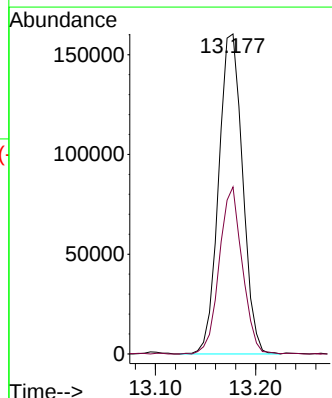
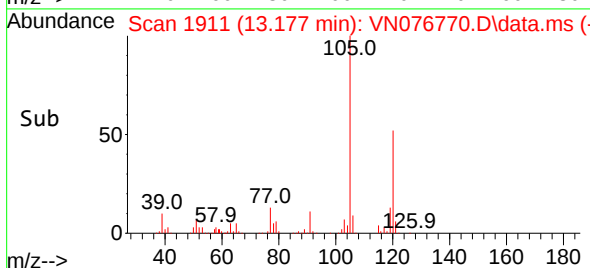
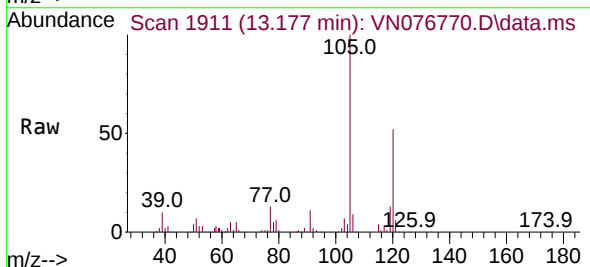
Manual Integrations
APPROVED

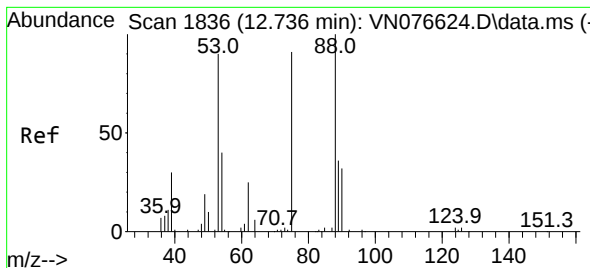
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.535 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

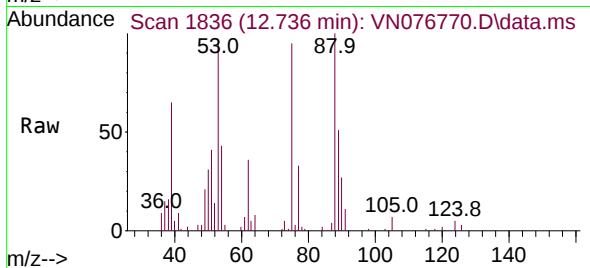
Tgt Ion:105 Resp: 265692
Ion Ratio Lower Upper
105 100
120 50.2 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 18.328 ug/l m
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

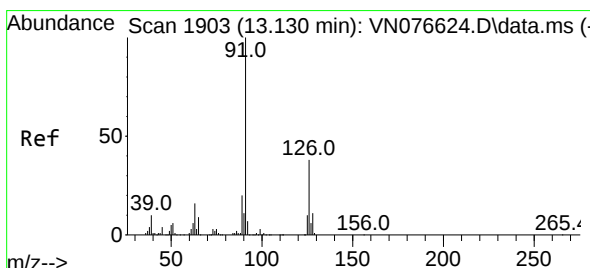
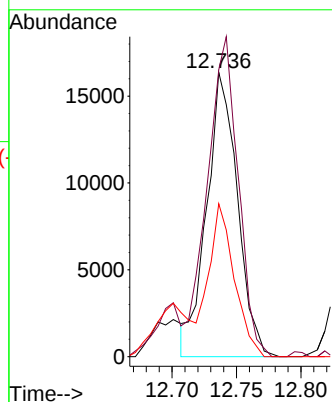
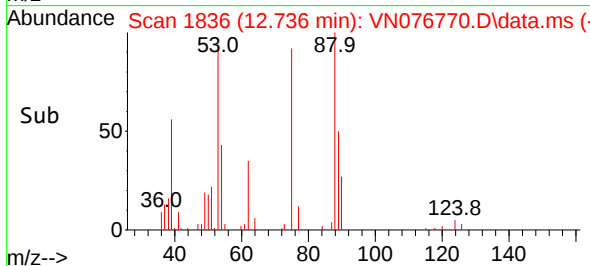
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



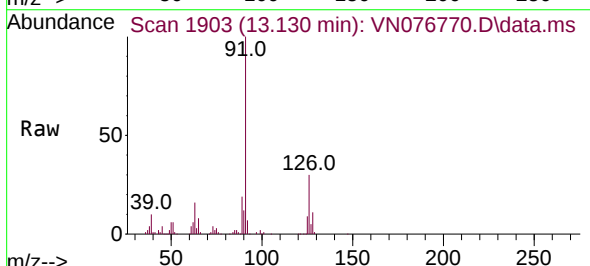
Tgt Ion: 75 Resp: 2717
Ion Ratio Lower Upper
75 100
53 113.9 92.1 138.1
89 44.4 37.5 56.3

Manual Integrations
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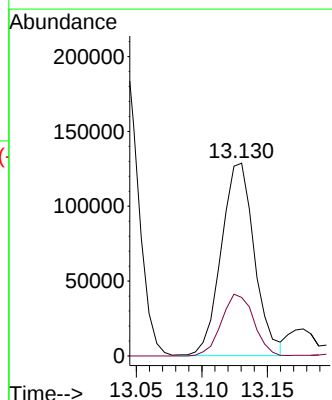
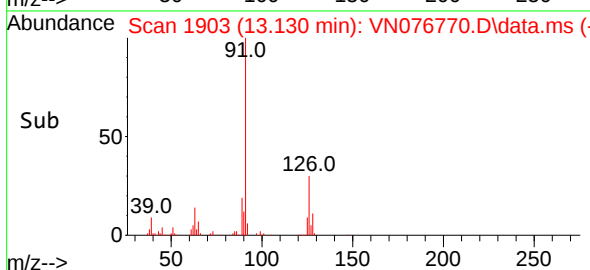
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

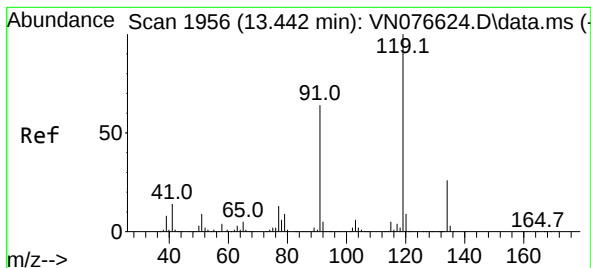


#82
4-Chlorotoluene
Concen: 20.128 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53



Tgt Ion: 91 Resp: 226568
Ion Ratio Lower Upper
91 100
126 31.2 17.7 53.1





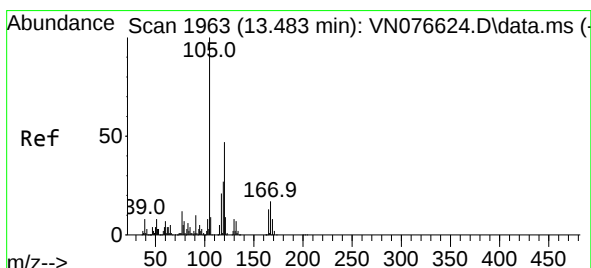
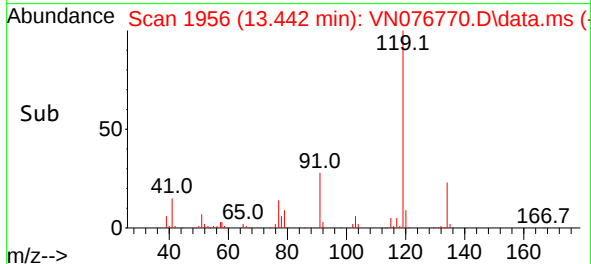
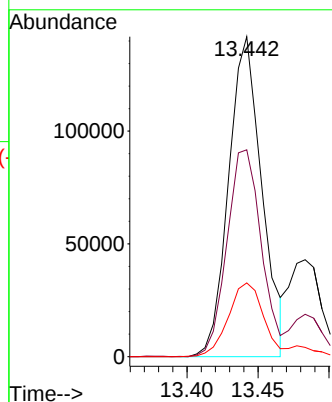
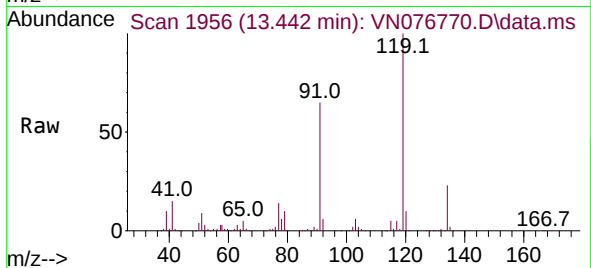
#83
tert-Butylbenzene
Concen: 19.713 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01

Tgt Ion:119 Resp: 23073
Ion Ratio Lower Upper
119 100
91 66.9 32.0 96.2
134 24.7 13.8 41.4

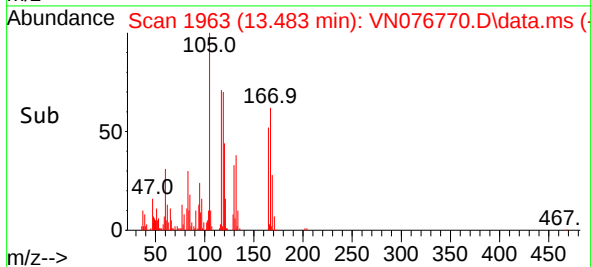
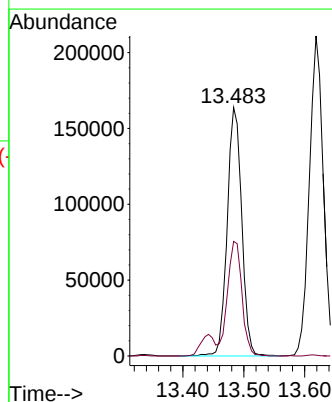
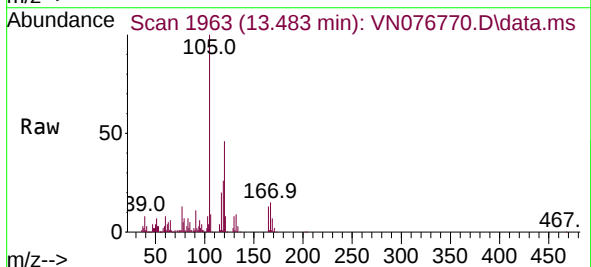
Manual Integrations
APPROVED

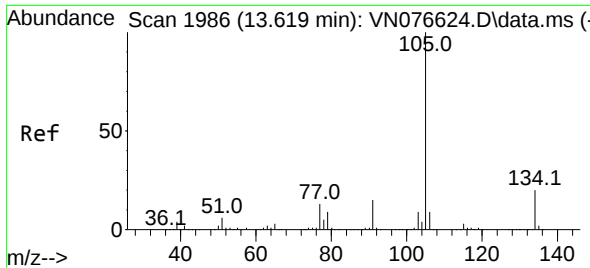
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.040 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

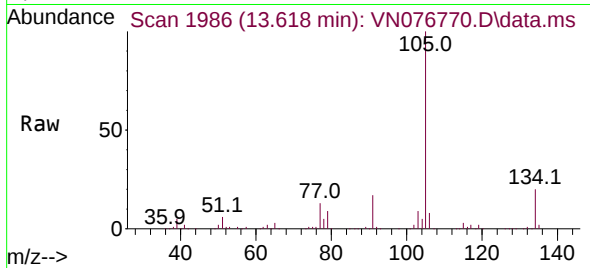
Tgt Ion:105 Resp: 271307
Ion Ratio Lower Upper
105 100
120 46.3 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 20.538 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076770.D
 Acq: 22 Feb 2023 14:53

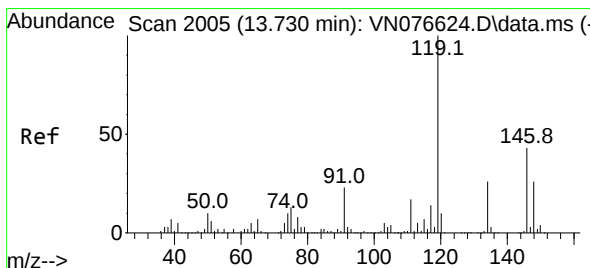
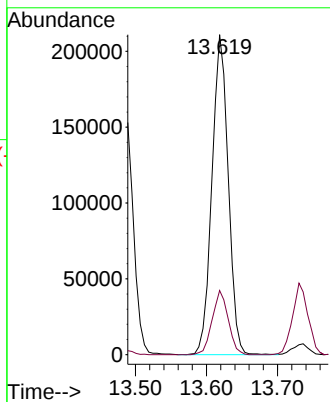
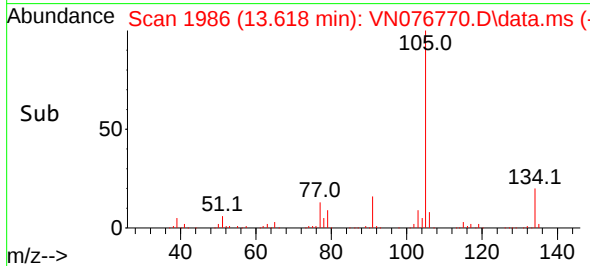
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBSD01



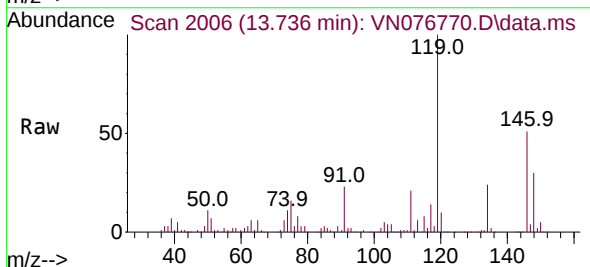
Tgt Ion:105 Resp: 335620
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.5 31.5

Manual Integrations
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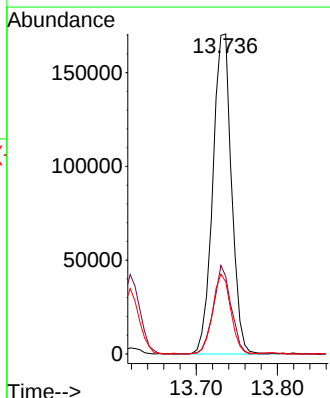
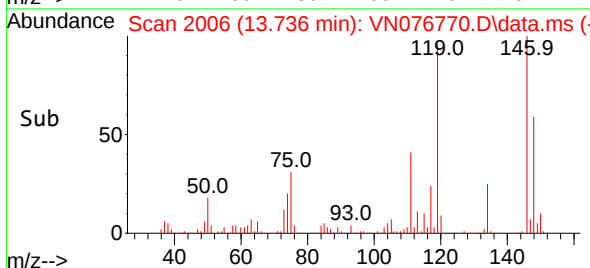
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023

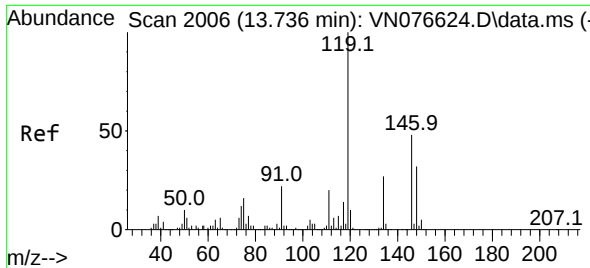


#86
 p-Isopropyltoluene
 Concen: 20.958 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN076770.D
 Acq: 22 Feb 2023 14:53



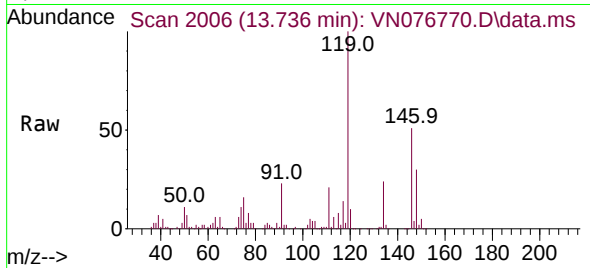
Tgt Ion:119 Resp: 273475
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.4 40.1
 91 24.2 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 19.276 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

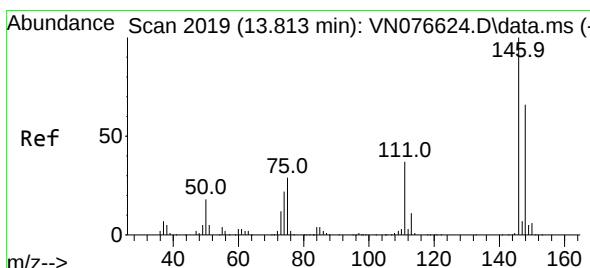
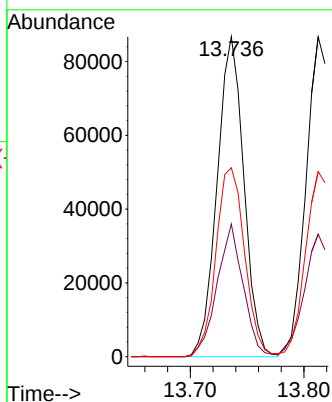
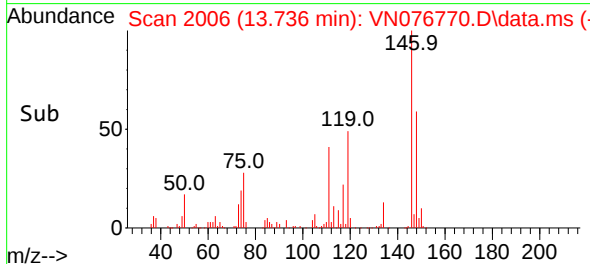
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



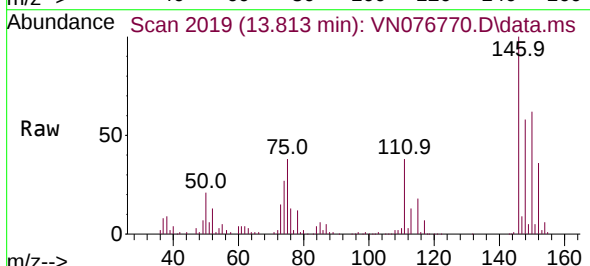
Tgt Ion:146 Resp: 14232
Ion Ratio Lower Upper
146 100
111 40.4 19.8 59.4
148 63.3 32.0 96.2

Manual Integrations
APPROVED

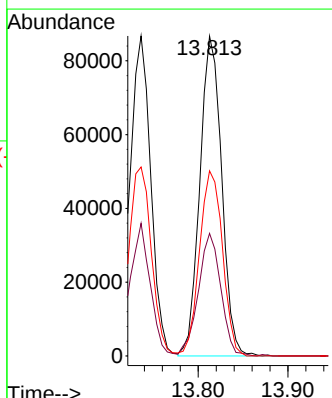
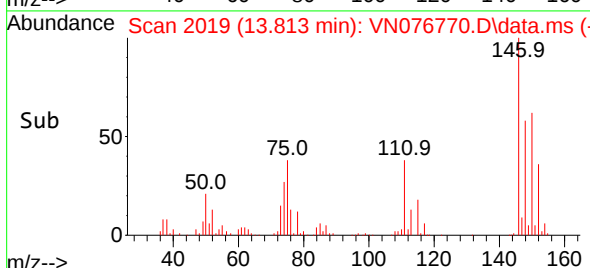
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

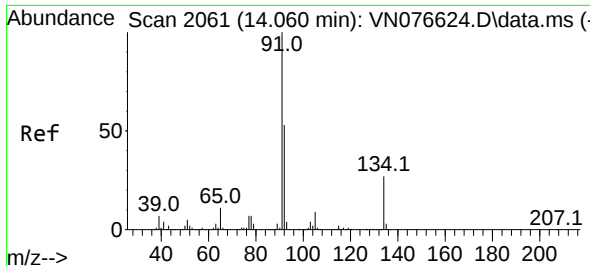


#88
1,4-Dichlorobenzene
Concen: 19.927 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53



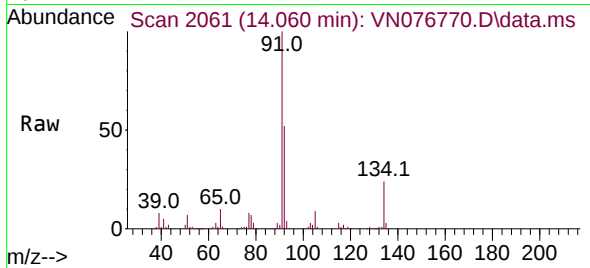
Tgt Ion:146 Resp: 146515
Ion Ratio Lower Upper
146 100
111 39.4 19.4 58.1
148 61.0 32.7 98.1





#89
n-Butylbenzene
Concen: 20.224 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

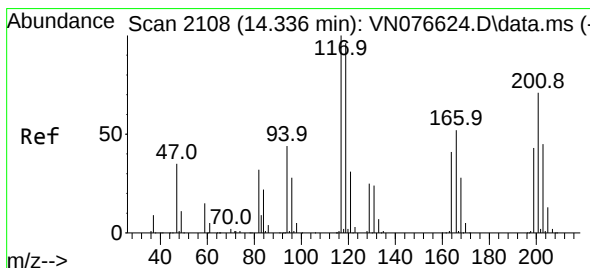
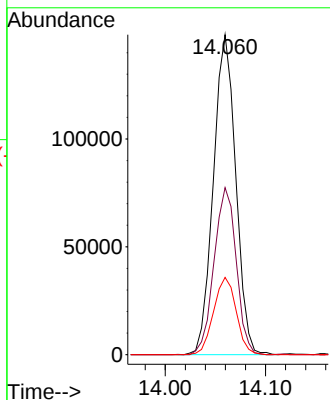
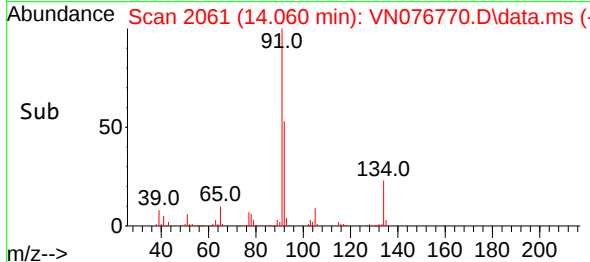
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



Tgt Ion: 91 Resp: 22952
Ion Ratio Lower Upper
91 100
92 51.7 26.4 79.0
134 24.4 13.2 39.5

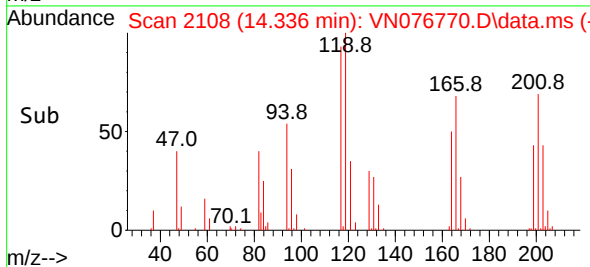
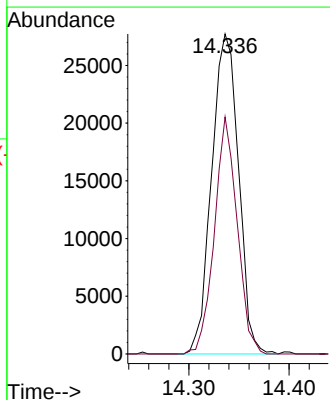
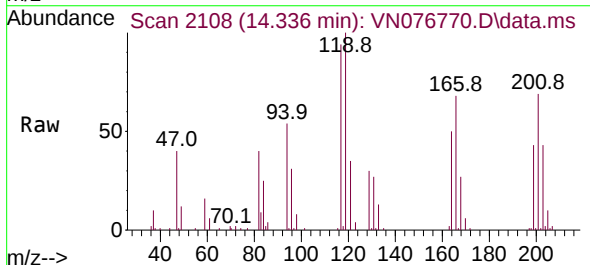
Manual Integrations
APPROVED

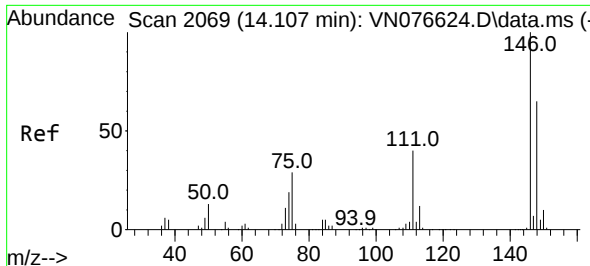
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#90
Hexachloroethane
Concen: 18.909 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

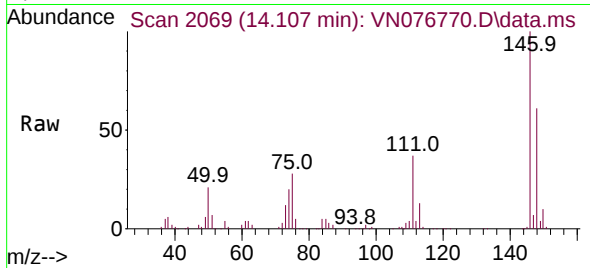
Tgt Ion:117 Resp: 51663
Ion Ratio Lower Upper
117 100
201 62.7 35.5 106.7





#91
1,2-Dichlorobenzene
Concen: 19.173 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

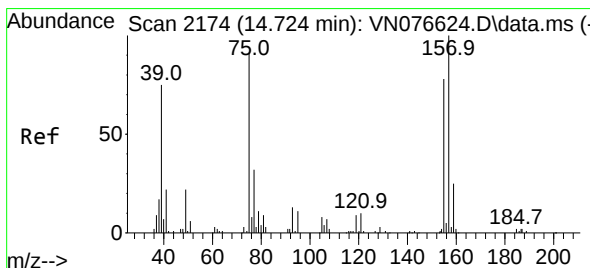
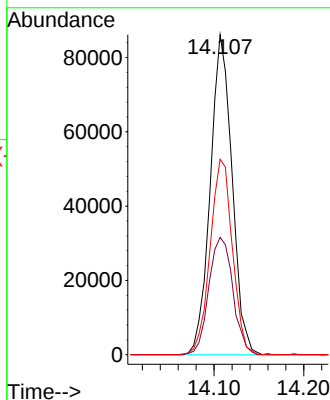
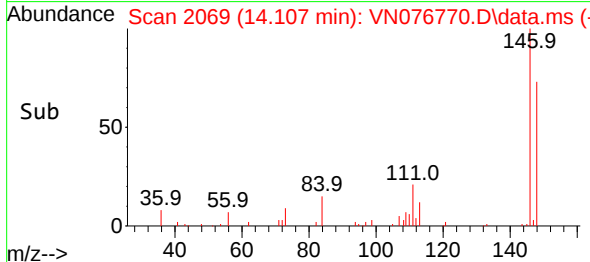
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



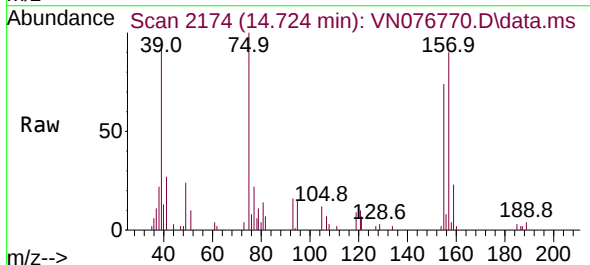
Tgt Ion:146 Resp: 145129
Ion Ratio Lower Upper
146 100
111 40.3 20.0 59.9
148 62.5 32.4 97.2

Manual Integrations
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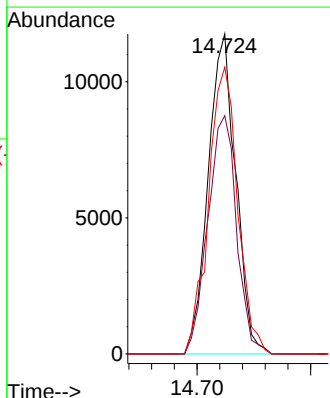
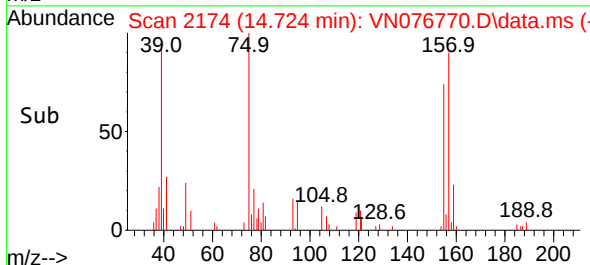
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

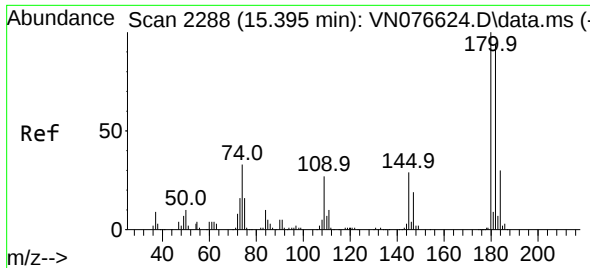


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.048 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53



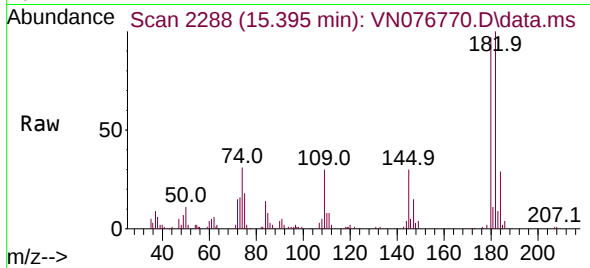
Tgt Ion: 75 Resp: 19815
Ion Ratio Lower Upper
75 100
155 77.7 43.4 130.2
157 94.7 55.2 165.6





#93
1,2,4-Trichlorobenzene
Concen: 17.858 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

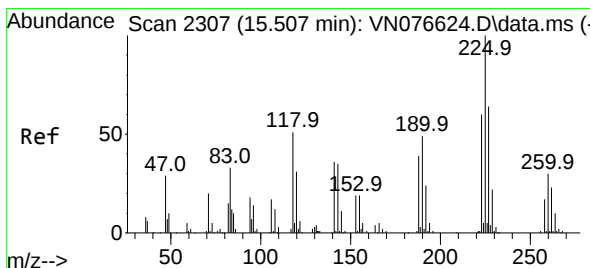
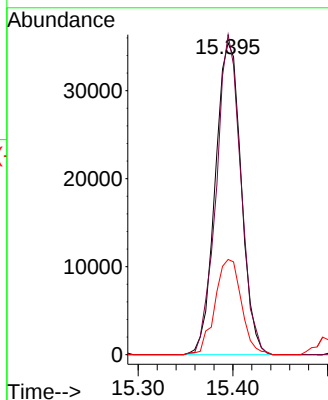
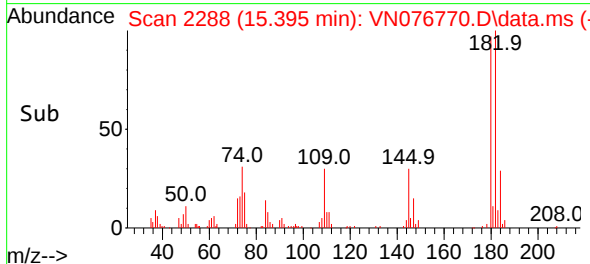
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



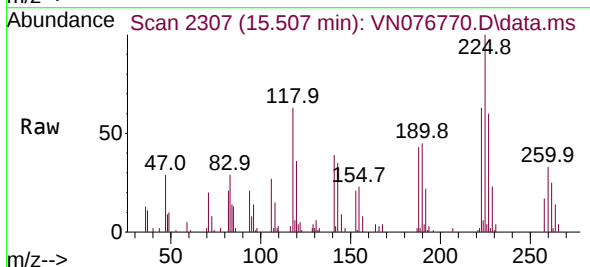
Tgt Ion:180 Resp: 67428
Ion Ratio Lower Upper
180 100
182 97.4 48.0 144.0
145 31.1 15.2 45.6

Manual Integrations
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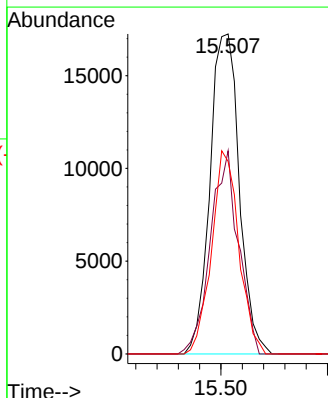
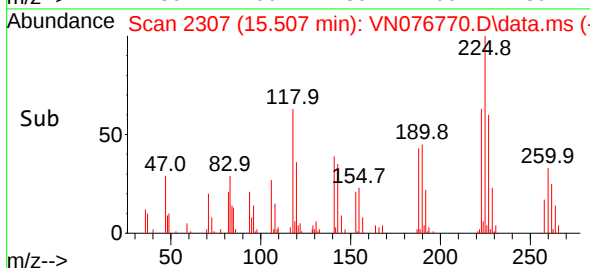
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

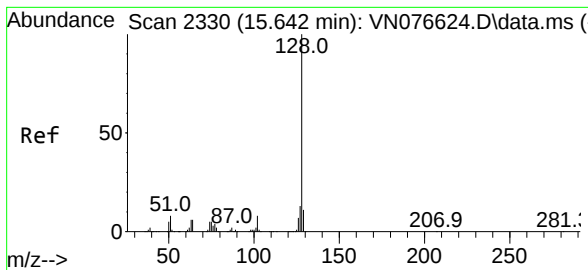


#94
Hexachlorobutadiene
Concen: 17.791 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53



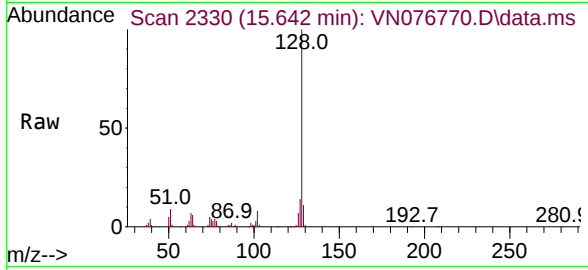
Tgt Ion:225 Resp: 32923
Ion Ratio Lower Upper
225 100
223 60.6 31.6 95.0
227 59.0 31.3 93.9





#95
Naphthalene
Concen: 18.976 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53

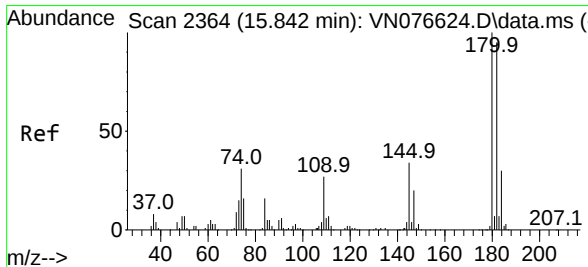
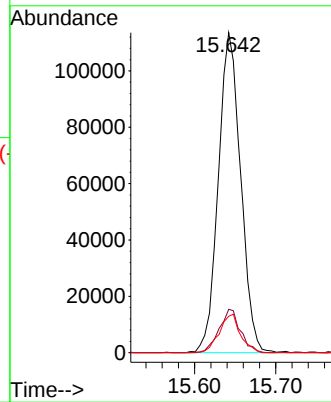
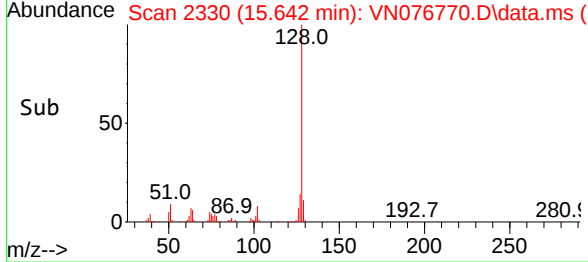
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBSD01



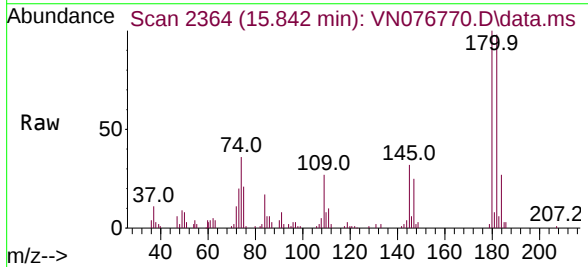
Tgt Ion:128 Resp: 217428
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.3 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.939 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076770.D
Acq: 22 Feb 2023 14:53



Tgt Ion:180 Resp: 69280
Ion Ratio Lower Upper
180 100
182 92.1 46.7 140.1
145 29.5 16.0 47.9

