

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076769.D
 Acq On : 22 Feb 2023 14:19
 Operator : JC\MD
 Sample : VN0222WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBS01

Quant Time: Feb 22 23:57:01 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	262673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	464726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	435023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	214126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	193244	53.277	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.560%			
35) Dibromofluoromethane	8.172	113	151776	49.870	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.740%			
50) Toluene-d8	10.571	98	598163	52.629	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.260%			
62) 4-Bromofluorobenzene	12.848	95	200014	53.133	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	52876	18.958	ug/l	98
3) Chloromethane	2.378	50	68627	18.859	ug/l	97
4) Vinyl Chloride	2.531	62	70420	19.663	ug/l	95
5) Bromomethane	2.954	94	48779	22.478	ug/l	86
6) Chloroethane	3.125	64	50593	22.353	ug/l	93
7) Trichlorofluoromethane	3.513	101	90502	18.573	ug/l	99
8) Diethyl Ether	3.978	74	36591	19.487	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.390	101	55892	19.521	ug/l	97
10) Methyl Iodide	4.601	142	68165	19.278	ug/l	91
11) Tert butyl alcohol	5.537	59	47730	99.693	ug/l	98
12) 1,1-Dichloroethene	4.360	96	48809	18.002	ug/l	85
13) Acrolein	4.195	56	63878	88.870	ug/l	99
14) Allyl chloride	5.031	41	87618	18.651	ug/l	98
15) Acrylonitrile	5.731	53	171944	101.196	ug/l	99
16) Acetone	4.442	43	151248	93.352	ug/l	94
17) Carbon Disulfide	4.725	76	124156	17.344	ug/l	97
18) Methyl Acetate	5.037	43	111594	21.101	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	185766	20.323	ug/l	99
20) Methylene Chloride	5.295	84	67333	19.829	ug/l	88
21) trans-1,2-Dichloroethene	5.801	96	55344	18.134	ug/l	94
22) Diisopropyl ether	6.683	45	232753	21.124	ug/l	95
23) Vinyl Acetate	6.613	43	708936	108.744	ug/l	98
24) 1,1-Dichloroethane	6.578	63	117429	19.446	ug/l	94
25) 2-Butanone	7.489	43	242769	101.581	ug/l	97
26) 2,2-Dichloropropane	7.501	77	88759	20.377	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	69245	19.129	ug/l	95
28) Bromochloromethane	7.825	49	63194	21.987	ug/l	90
29) Tetrahydrofuran	7.848	42	158318	101.392	ug/l	99
30) Chloroform	7.972	83	121053	20.063	ug/l	96
31) Cyclohexane	8.260	56	112968	19.855	ug/l	91
32) 1,1,1-Trichloroethane	8.172	97	98084	19.335	ug/l	94
36) 1,1-Dichloropropene	8.377	75	85564	19.459	ug/l	98
37) Ethyl Acetate	7.566	43	96659	20.893	ug/l	98
38) Carbon Tetrachloride	8.366	117	84376	19.021	ug/l	91
39) Methylcyclohexane	9.607	83	103030	20.613	ug/l	97
40) Benzene	8.613	78	274722	20.344	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	57307	21.382	ug/l	98
42) 1,2-Dichloroethane	8.677	62	93084	19.765	ug/l	98
43) Isopropyl Acetate	8.689	43	155828	20.699	ug/l	98
44) Trichloroethene	9.360	130	61812	19.371	ug/l	97
45) 1,2-Dichloropropane	9.624	63	71891	20.111	ug/l	95
46) Dibromomethane	9.713	93	48082	21.040	ug/l	92
47) Bromodichloromethane	9.889	83	93052	20.309	ug/l	92
48) Methyl methacrylate	9.683	41	76387	21.383	ug/l	98
49) 1,4-Dioxane	9.695	88	25583	413.995	ug/l #	93
51) 4-Methyl-2-Pentanone	10.448	43	530972	110.853	ug/l	98
52) Toluene	10.630	92	173362	21.264	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	91127	20.606	ug/l	95
54) cis-1,3-Dichloropropene	10.313	75	108453	21.261	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	68500	20.663	ug/l	93
56) Ethyl methacrylate	10.877	69	100710	21.582	ug/l	97
57) 1,3-Dichloropropane	11.166	76	118113	20.738	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	206803	96.770	ug/l	95
59) 2-Hexanone	11.201	43	383421	111.019	ug/l	100
60) Dibromochloromethane	11.360	129	65981	18.885	ug/l	99
61) 1,2-Dibromoethane	11.471	107	64599	19.468	ug/l	97
64) Tetrachloroethene	11.107	164	48796	17.799	ug/l	91
65) Chlorobenzene	11.895	112	181549	19.692	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	63891	19.079	ug/l	97
67) Ethyl Benzene	11.965	91	318536	20.280	ug/l	100
68) m/p-Xylenes	12.071	106	252633	41.728	ug/l	97
69) o-Xylene	12.401	106	123509	20.918	ug/l	99
70) Styrene	12.413	104	199663	20.911	ug/l	99
71) Bromoform	12.577	173	46918	19.101	ug/l #	97
73) Isopropylbenzene	12.701	105	315281	20.088	ug/l	99
74) N-amyl acetate	12.495	43	136994	19.365	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.942	83	106036	18.665	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	93893m	21.689	ug/l	
77) Bromobenzene	12.983	156	69817	17.830	ug/l	88
78) n-propylbenzene	13.036	91	383320	20.799	ug/l	98
79) 2-Chlorotoluene	13.130	91	226754	20.095	ug/l	96
80) 1,3,5-Trimethylbenzene	13.177	105	269592	20.785	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	28187m	18.964	ug/l	
82) 4-Chlorotoluene	13.130	91	226754	20.095	ug/l	96
83) tert-Butylbenzene	13.442	119	237112	20.208	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	266019	20.579	ug/l	100
85) sec-Butylbenzene	13.618	105	340745	20.800	ug/l	99
86) p-Isopropyltoluene	13.730	119	278104	21.259	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	140425	18.971	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	141032	19.133	ug/l	97
89) n-Butylbenzene	14.059	91	227798	20.021	ug/l	98
90) Hexachloroethane	14.336	117	53148	19.404	ug/l	92
91) 1,2-Dichlorobenzene	14.107	146	145559	19.182	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	18212	16.547	ug/l	94
93) 1,2,4-Trichlorobenzene	15.395	180	66324	17.522	ug/l	96
94) Hexachlorobutadiene	15.501	225	32883	17.725	ug/l	99
95) Naphthalene	15.642	128	204838	17.833	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	67629	18.441	ug/l	97

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ClientSampleId :
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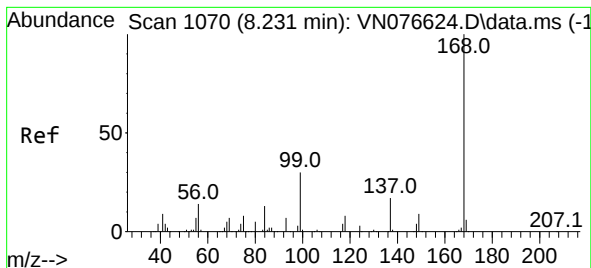
Manual Integrations
APPROVED

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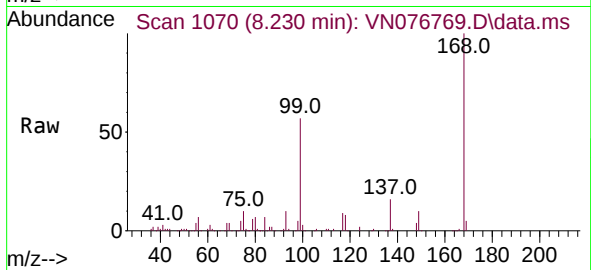
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
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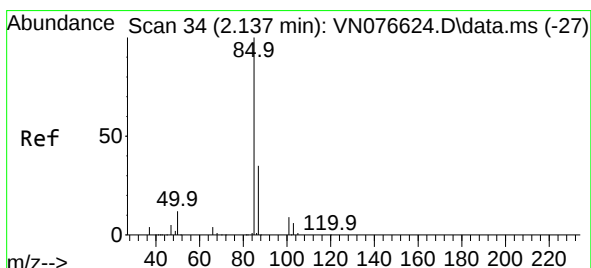
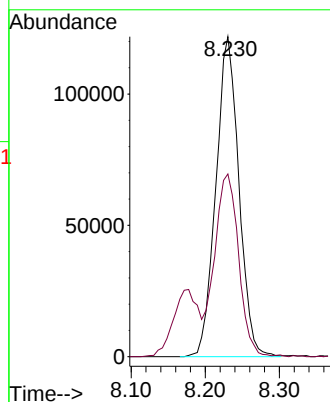
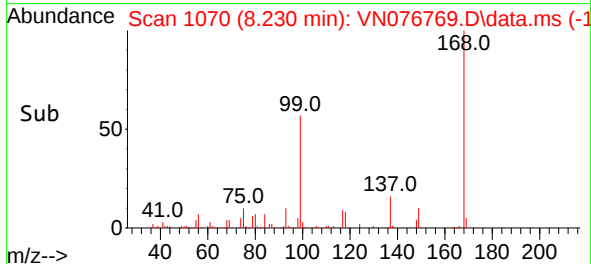
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 26267
Ion Ratio Lower Upper
168 100
99 56.6 44.8 67.2

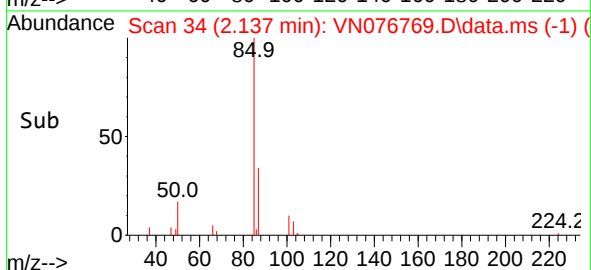
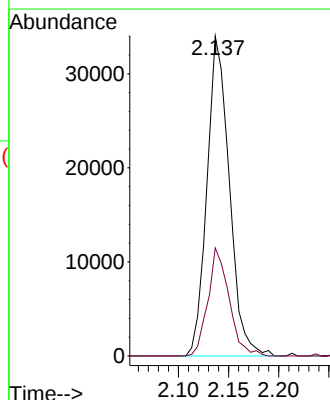
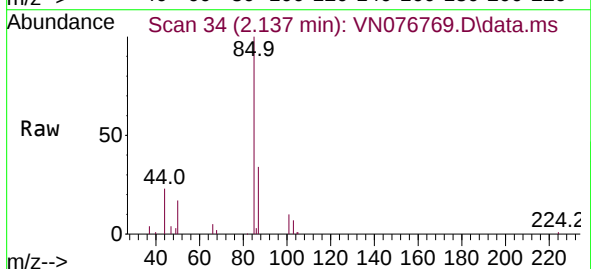
Manual Integrations
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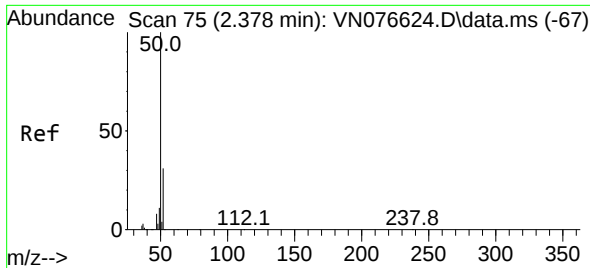
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#2
Dichlorodifluoromethane
Concen: 18.958 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

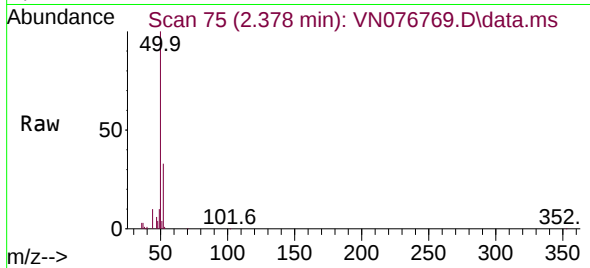
Tgt Ion: 85 Resp: 52876
Ion Ratio Lower Upper
85 100
87 33.7 17.4 52.2





#3
Chloromethane
Concen: 18.859 ug/l
RT: 2.378 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

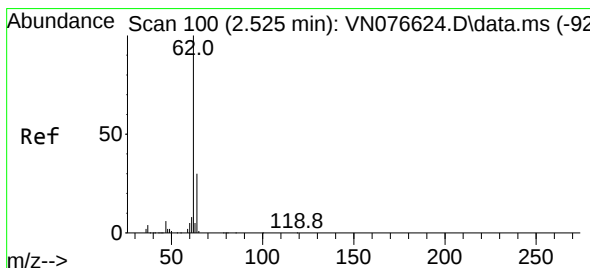
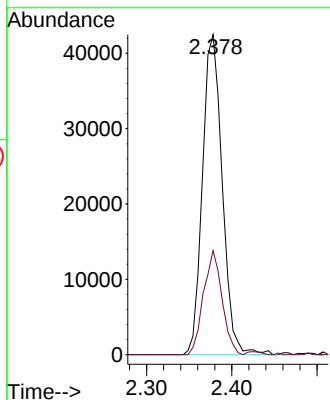
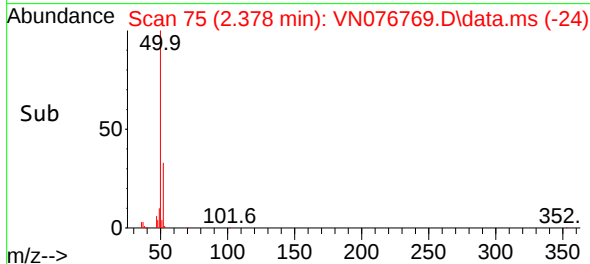
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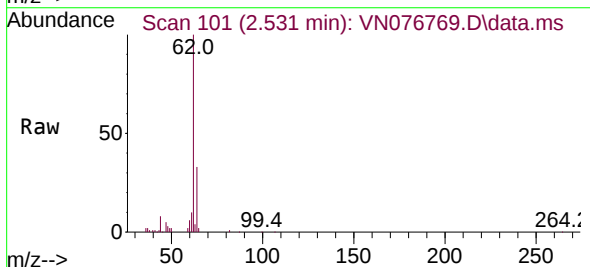
Tgt Ion: 50 Resp: 6862
Ion Ratio Lower Upper
50 100
52 32.5 24.7 37.1

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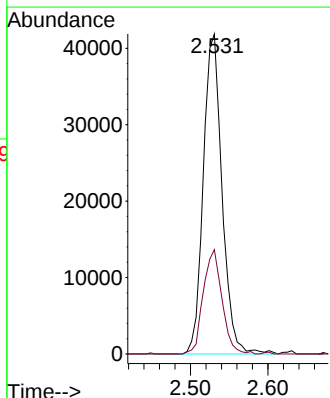
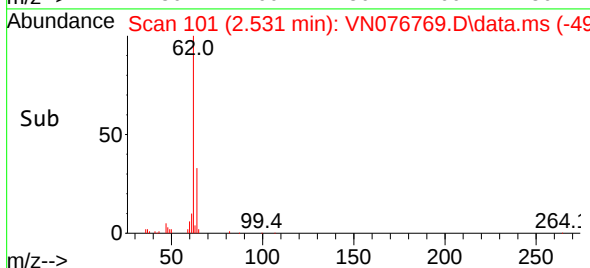
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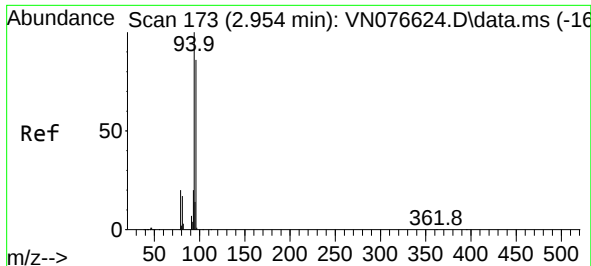


#4
Vinyl Chloride
Concen: 19.663 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19



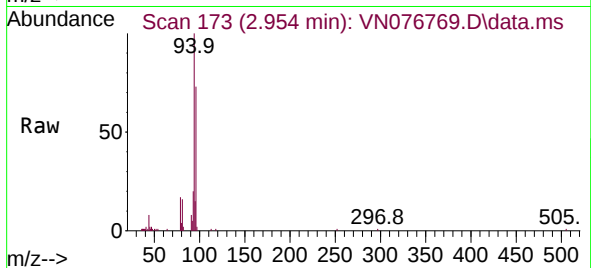
Tgt Ion: 62 Resp: 70420
Ion Ratio Lower Upper
62 100
64 32.6 23.9 35.9





#5
Bromomethane
Concen: 22.478 ug/l
RT: 2.954 min Scan# 173
Delta R.T. 0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

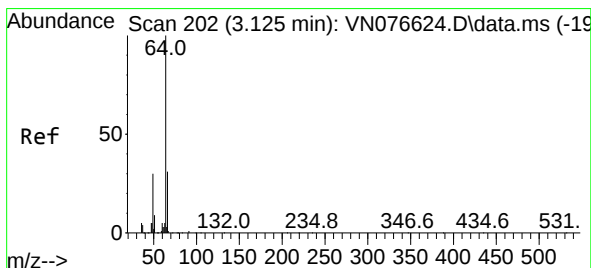
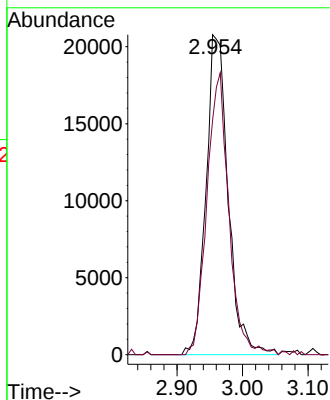
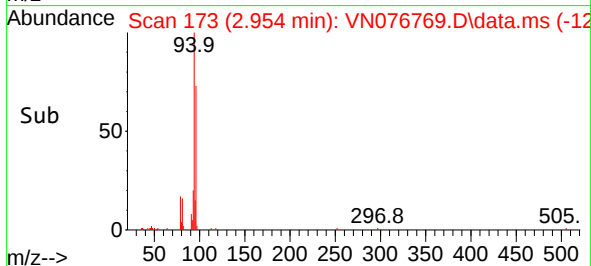
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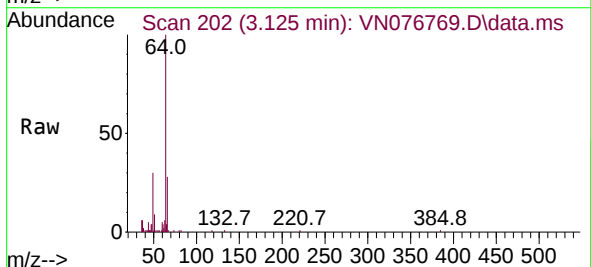
Tgt Ion: 94 Resp: 48779
Ion Ratio Lower Upper
94 100
96 73.3 69.0 103.4

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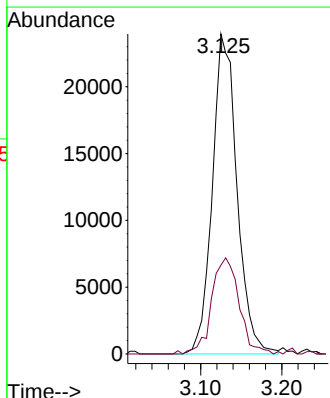
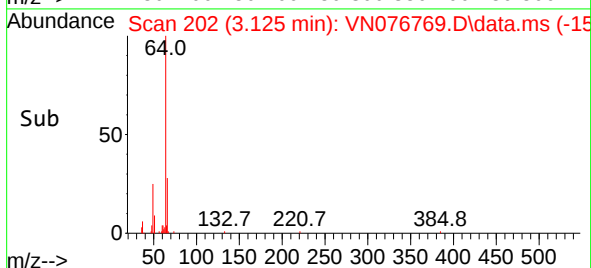
Reviewed By :John Carlone 02/23/2023
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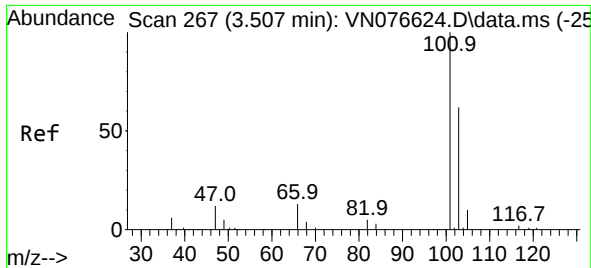


#6
Chloroethane
Concen: 22.353 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19



Tgt Ion: 64 Resp: 50593
Ion Ratio Lower Upper
64 100
66 27.0 24.6 37.0





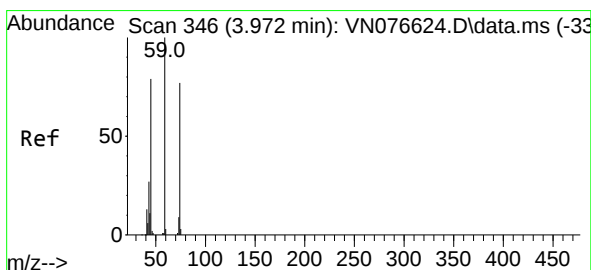
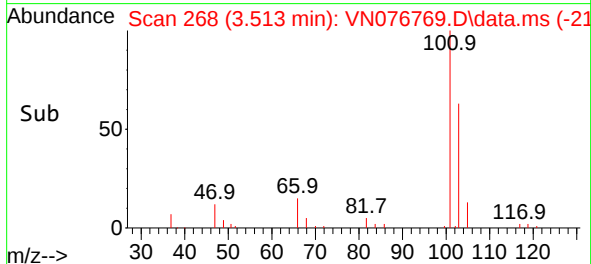
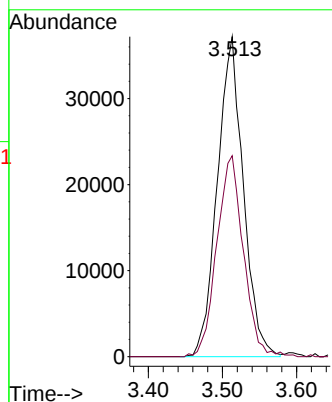
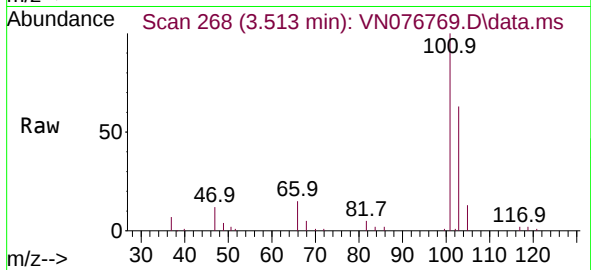
#7
Trichlorofluoromethane
Concen: 18.573 ug/l
RT: 3.513 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Instrument :
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Tgt Ion:101 Resp: 9050
Ion Ratio Lower Upper
101 100
103 62.8 49.4 74.2

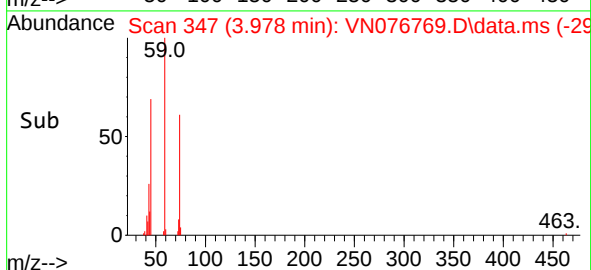
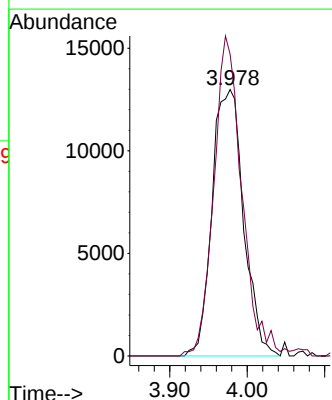
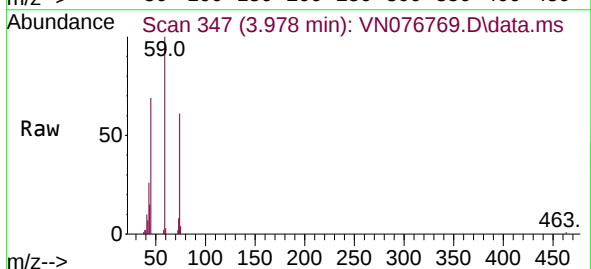
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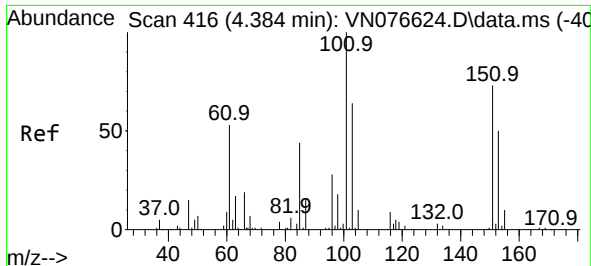
Reviewed By :John Carlone 02/23/2023
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#8
Diethyl Ether
Concen: 19.487 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
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Acq: 22 Feb 2023 14:19

Tgt Ion: 74 Resp: 36591
Ion Ratio Lower Upper
74 100
45 107.6 51.3 153.9





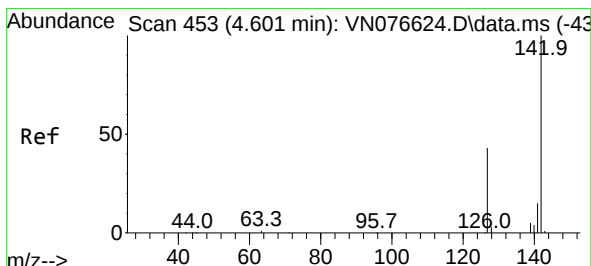
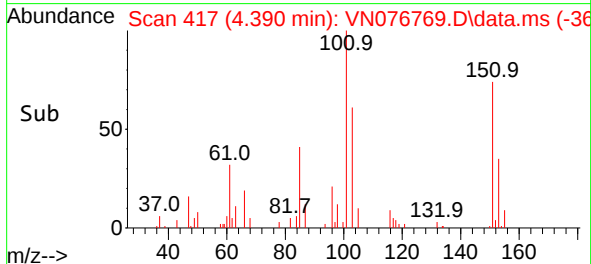
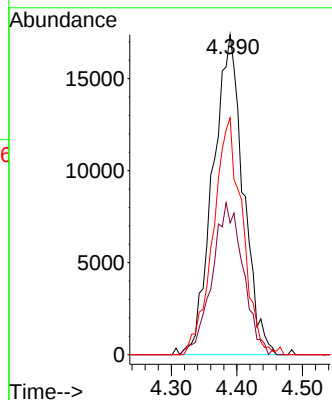
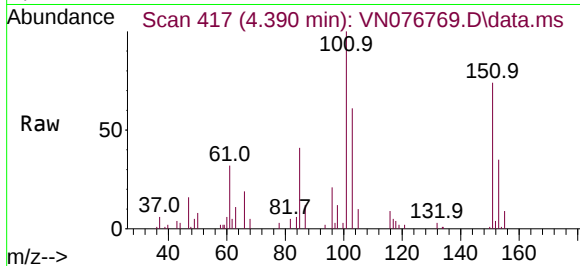
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.521 ug/l
RT: 4.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion:101 Resp: 5589
Ion Ratio Lower Upper
101 100
85 48.6 37.4 56.0
151 71.2 58.7 88.1

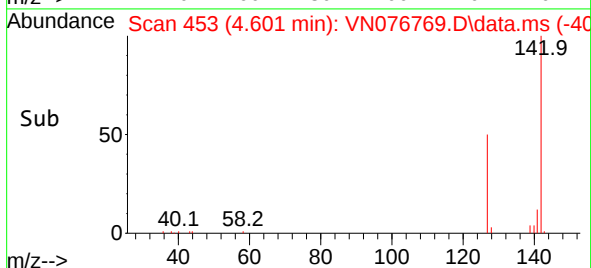
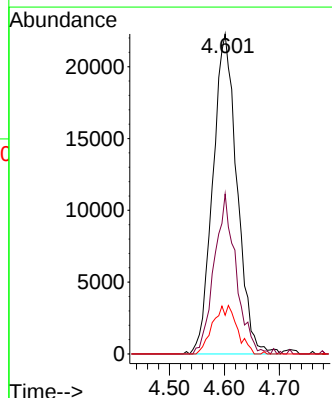
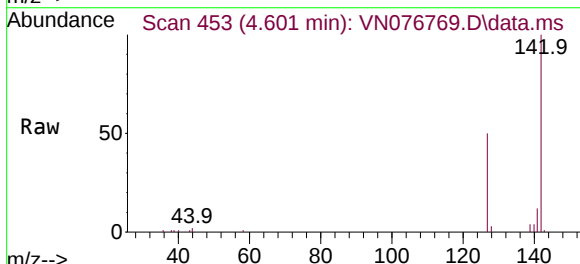
Manual Integrations
APPROVED

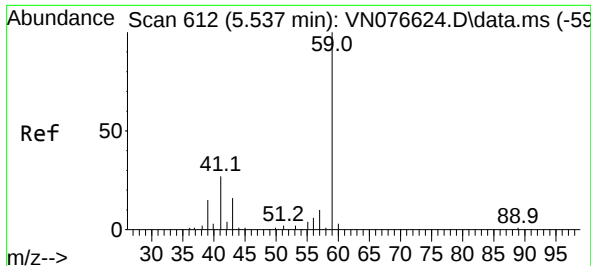
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#10
Methyl Iodide
Concen: 19.278 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

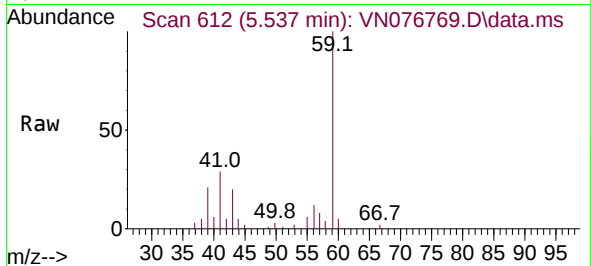
Tgt Ion:142 Resp: 68165
Ion Ratio Lower Upper
142 100
127 50.0 34.6 51.8
141 12.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 99.693 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

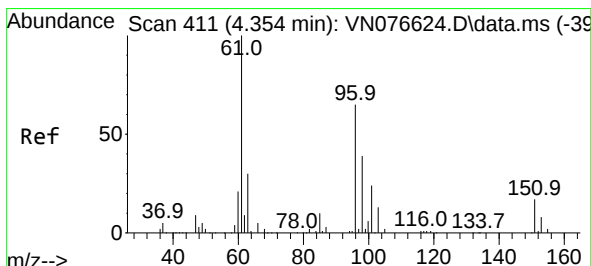
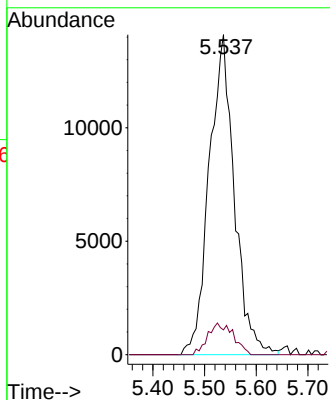
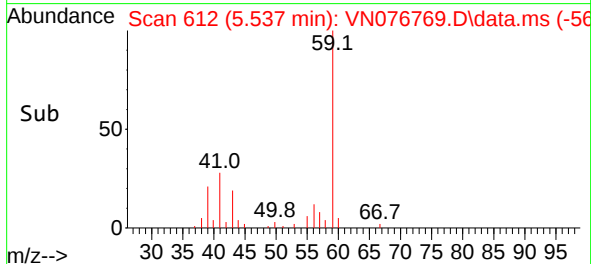
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



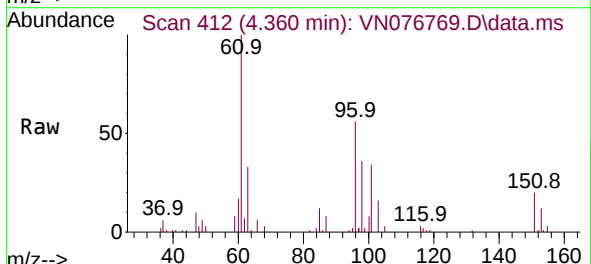
Tgt Ion: 59 Resp: 47730
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

Manual Integrations
APPROVED

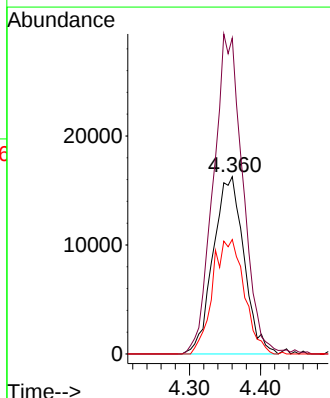
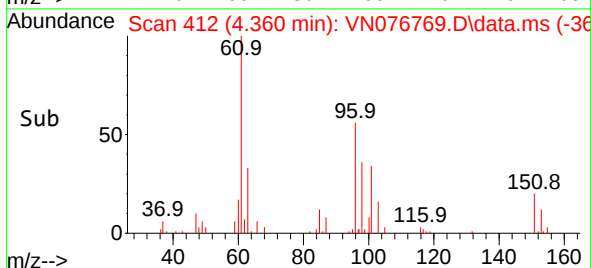
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

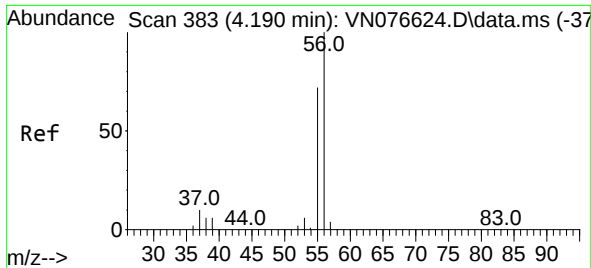


#12
1,1-Dichloroethene
Concen: 18.002 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19



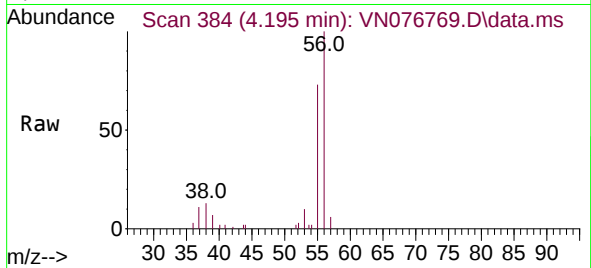
Tgt Ion: 96 Resp: 48809
Ion Ratio Lower Upper
96 100
61 178.2 123.8 185.6
98 64.5 48.4 72.6





#13
Acrolein
Concen: 88.870 ug/l
RT: 4.195 min Scan# 383
Delta R.T. 0.005 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

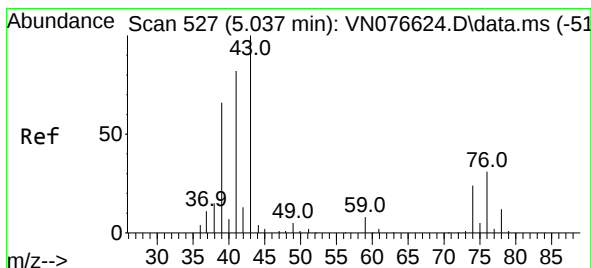
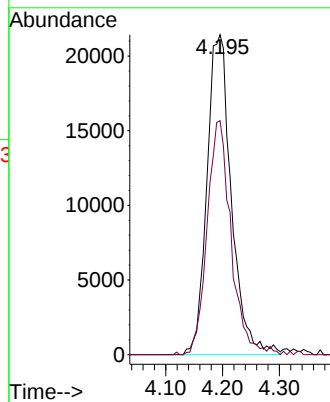
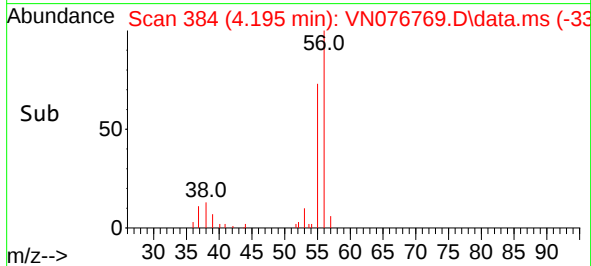
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion: 56 Resp: 63878
Ion Ratio Lower Upper
56 100
55 71.0 56.3 84.5

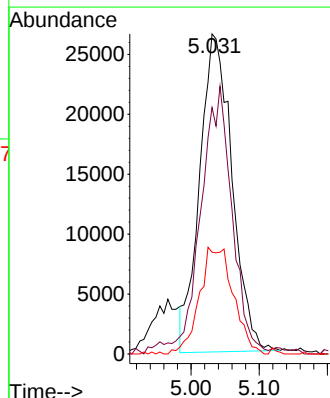
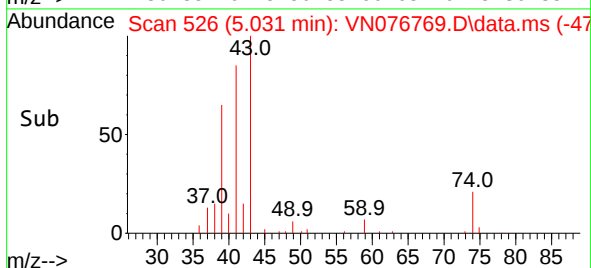
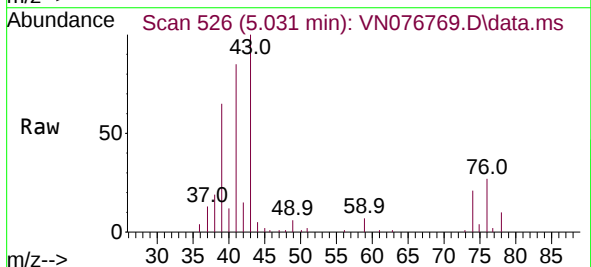
Manual Integrations
APPROVED

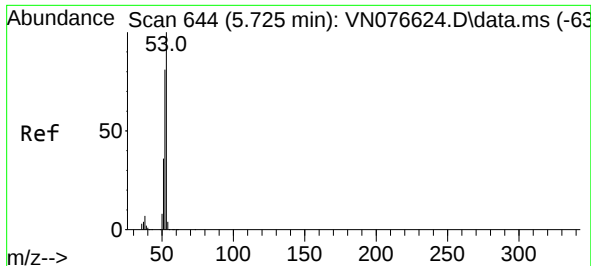
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#14
Allyl chloride
Concen: 18.651 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

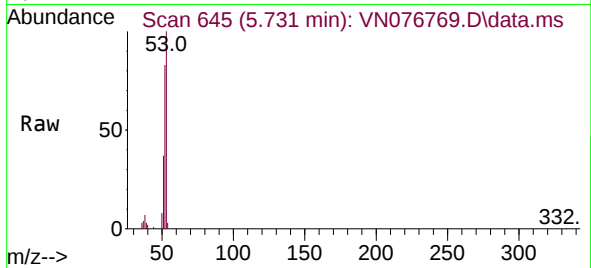
Tgt Ion: 41 Resp: 87618
Ion Ratio Lower Upper
41 100
39 79.8 62.3 93.5
76 35.1 27.0 40.6





#15
Acrylonitrile
Concen: 101.196 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

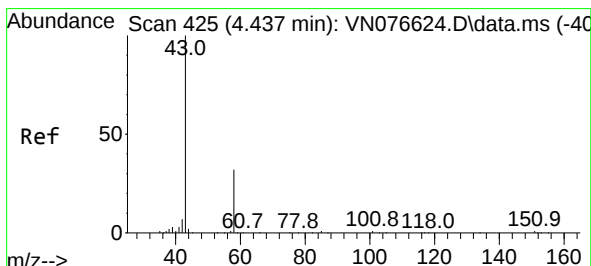
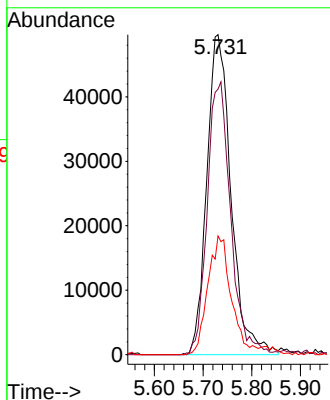
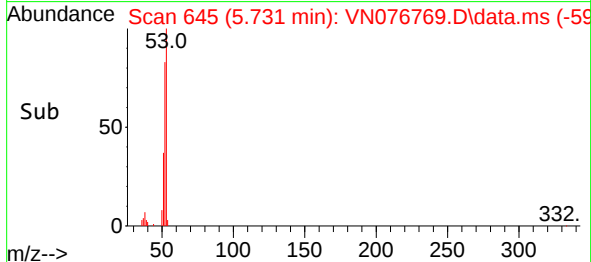
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion: 53 Resp: 171944
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 35.7 29.2 43.8

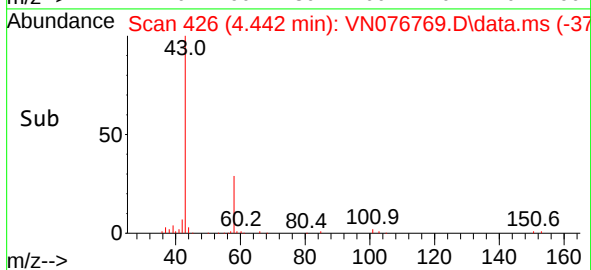
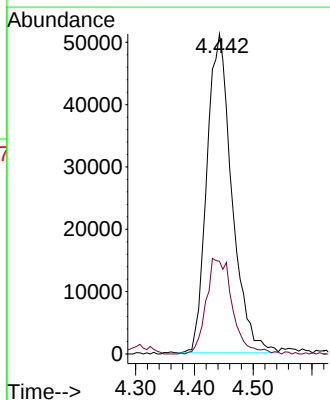
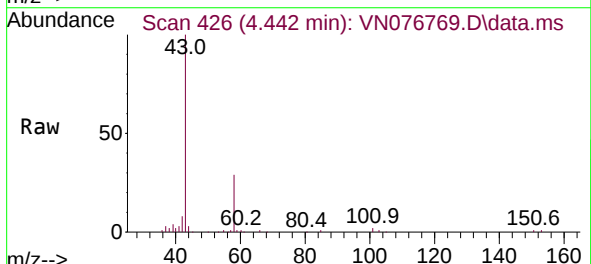
Manual Integrations
APPROVED

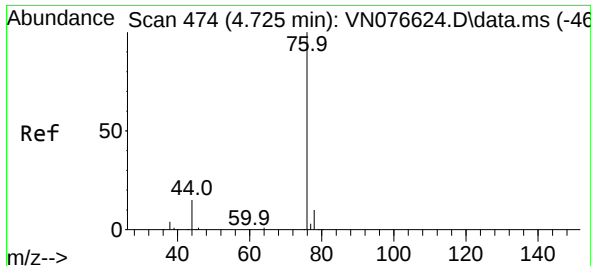
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#16
Acetone
Concen: 93.352 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.005 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Tgt Ion: 43 Resp: 151248
Ion Ratio Lower Upper
43 100
58 29.1 25.9 38.9





#17

Carbon Disulfide

Concen: 17.344 ug/l

RT: 4.725 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion: 76 Resp: 124150

Ion Ratio Lower Upper

76 100

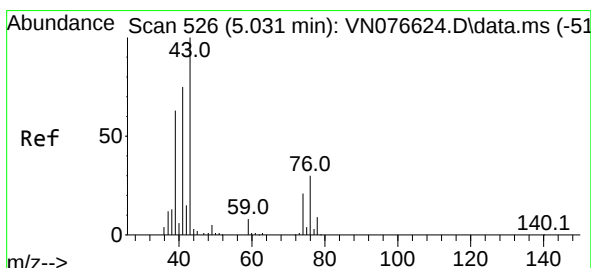
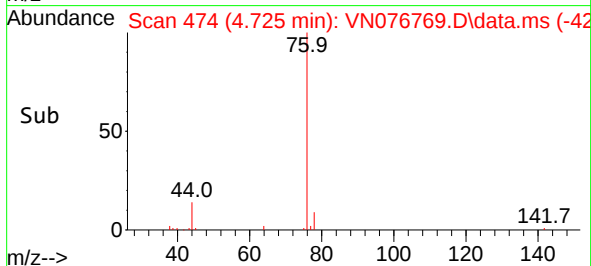
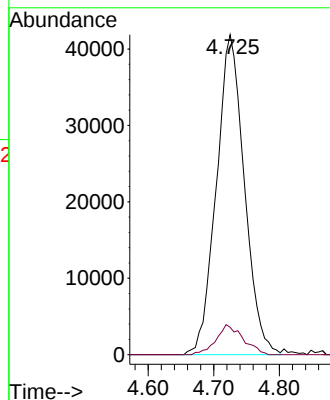
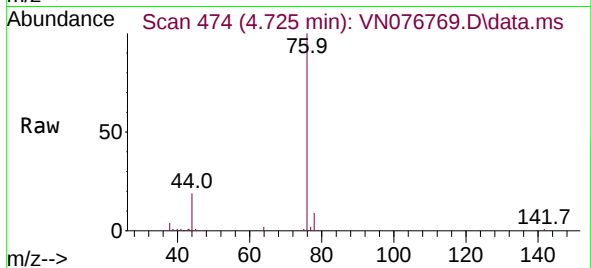
78 8.6 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#18

Methyl Acetate

Concen: 21.101 ug/l

RT: 5.037 min Scan# 527

Delta R.T. 0.006 min

Lab File: VN076769.D

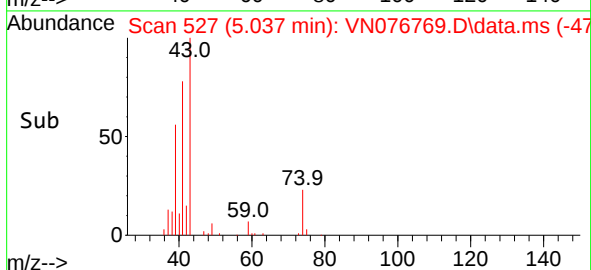
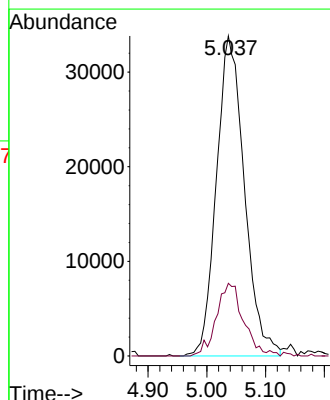
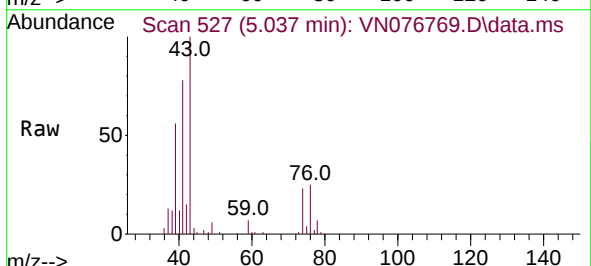
Acq: 22 Feb 2023 14:19

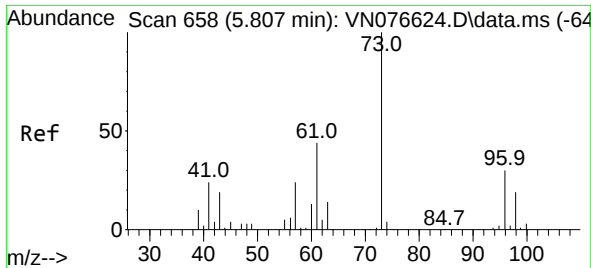
Tgt Ion: 43 Resp: 111594

Ion Ratio Lower Upper

43 100

74 21.7 17.7 26.5





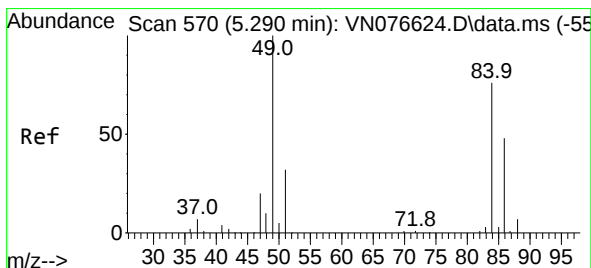
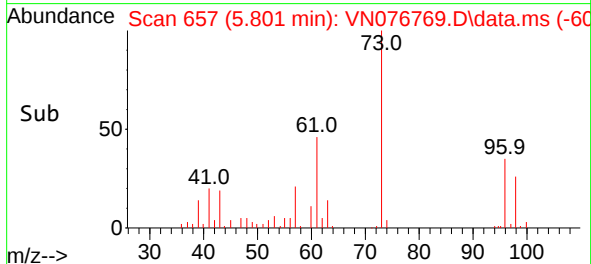
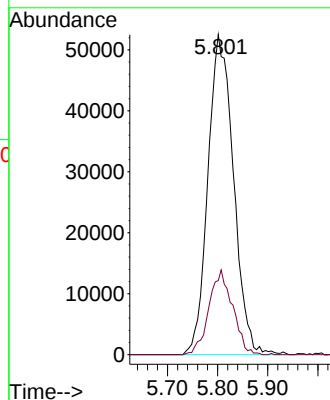
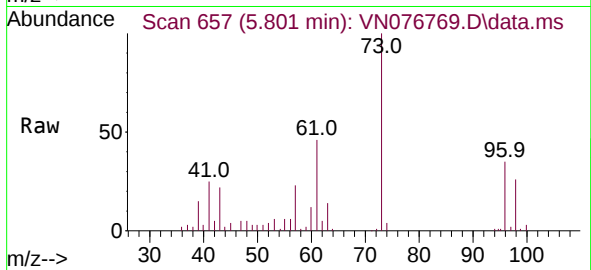
#19
Methyl tert-butyl Ether
Concen: 20.323 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion: 73 Resp: 185760
Ion Ratio Lower Upper
73 100
57 23.2 19.0 28.4

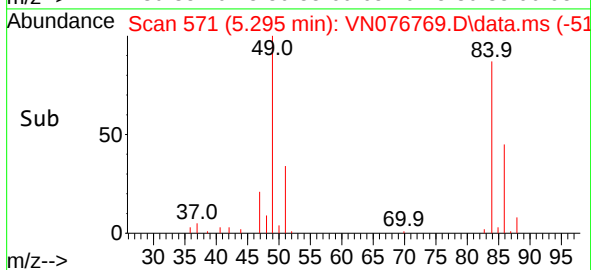
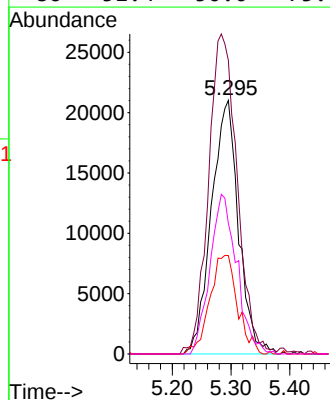
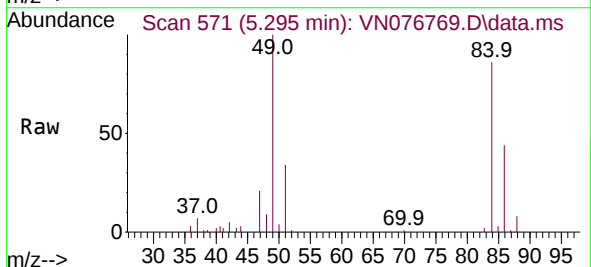
Manual Integrations
APPROVED

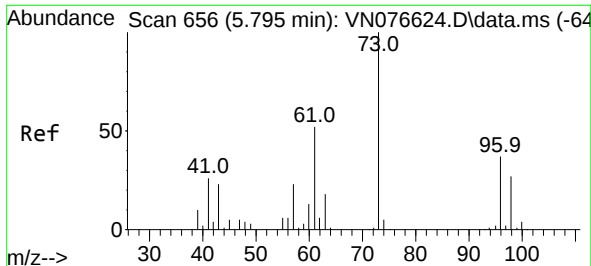
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#20
Methylene Chloride
Concen: 19.829 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.005 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Tgt Ion: 84 Resp: 67333
Ion Ratio Lower Upper
84 100
49 115.7 104.9 157.3
51 38.8 33.8 50.8
86 51.4 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 18.134 ug/l

RT: 5.801 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion: 96 Resp: 5534

Ion Ratio Lower Upper

96 100

61 131.9 113.9 170.9

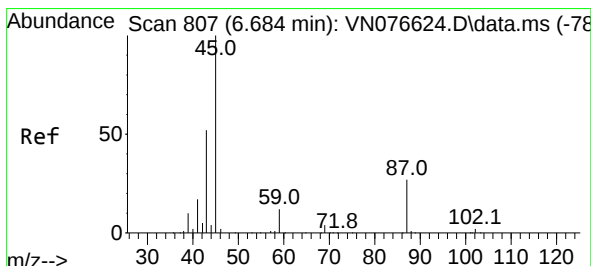
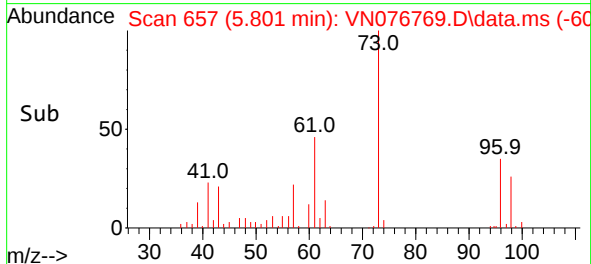
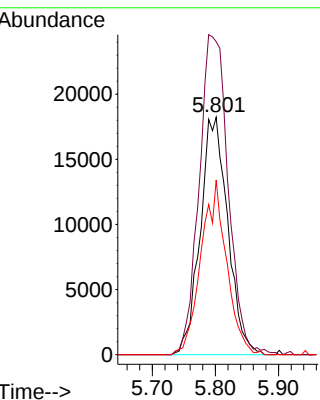
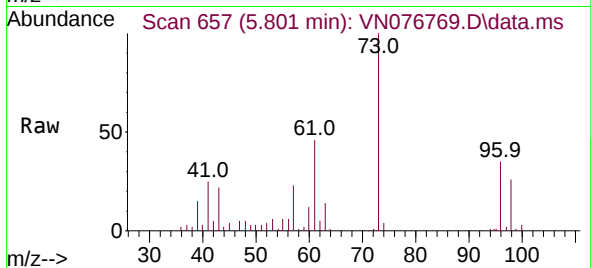
98 73.6 59.4 89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#22

Diisopropyl ether

Concen: 21.124 ug/l

RT: 6.683 min Scan# 807

Delta R.T. -0.001 min

Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

Tgt Ion: 45 Resp: 232753

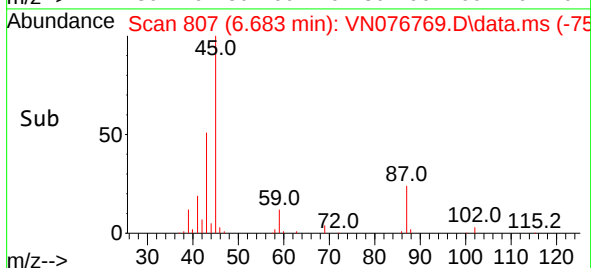
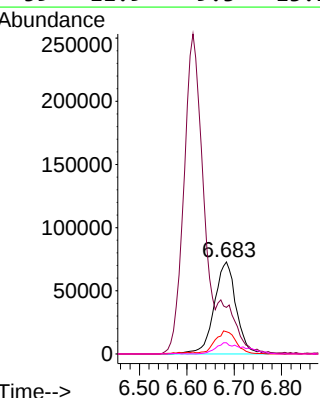
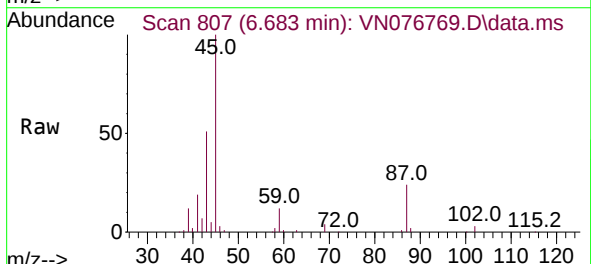
Ion Ratio Lower Upper

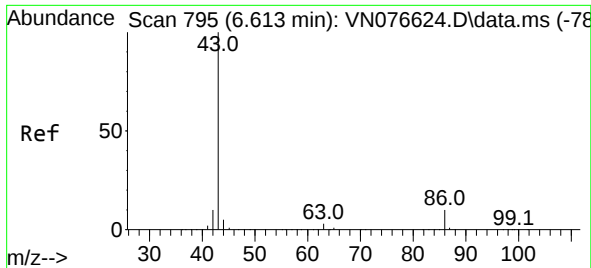
45 100

43 48.0 41.8 62.6

87 24.2 21.8 32.8

59 11.9 9.3 13.9





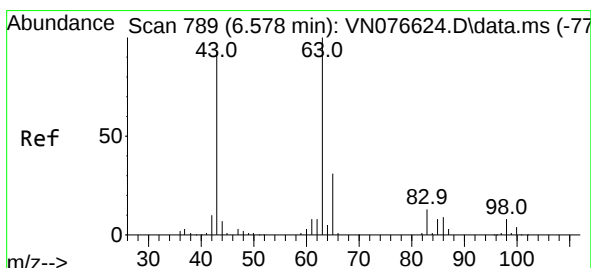
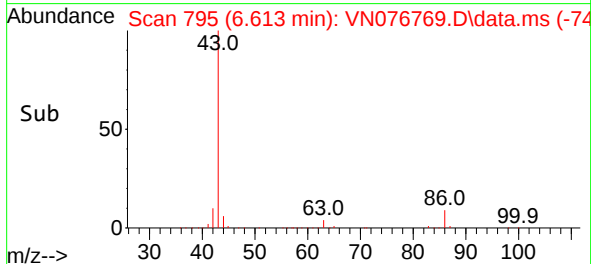
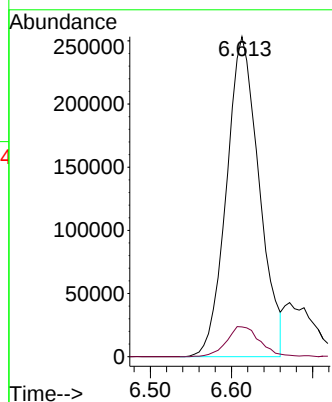
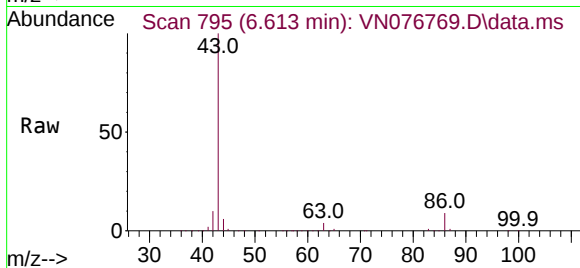
#23
 Vinyl Acetate
 Concen: 108.744 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076769.D
 Acq: 22 Feb 2023 14:19

Instrument :
 MSVOA_N
 Client Sample Id :
 VN0222WBS01

Tgt Ion: 43 Resp: 708930
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.2 12.2

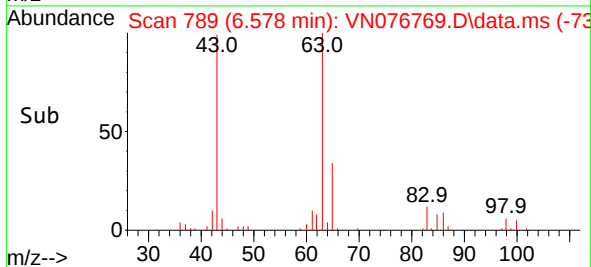
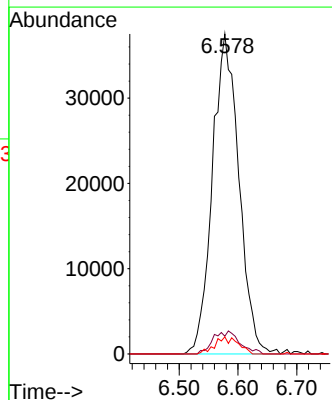
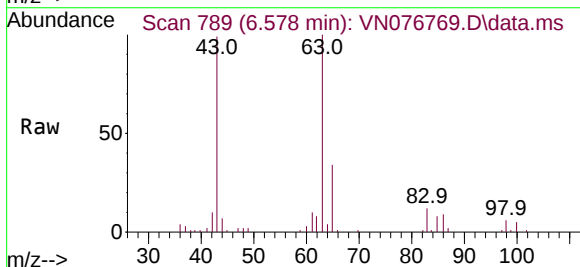
Manual Integrations
 APPROVED

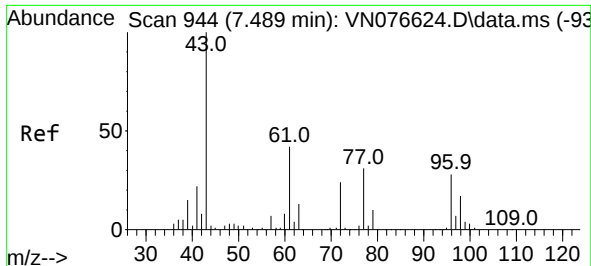
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#24
 1,1-Dichloroethane
 Concen: 19.446 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076769.D
 Acq: 22 Feb 2023 14:19

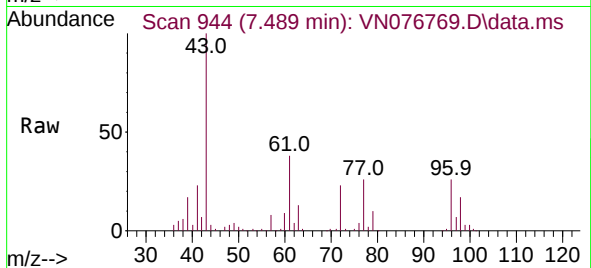
Tgt Ion: 63 Resp: 117429
 Ion Ratio Lower Upper
 63 100
 98 5.6 4.1 12.3
 100 5.4 2.0 5.8





#25
2-Butanone
Concen: 101.581 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

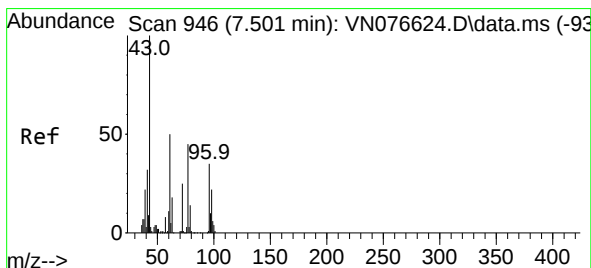
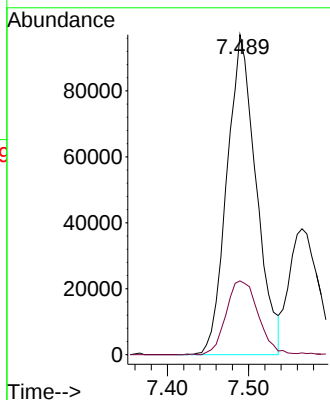
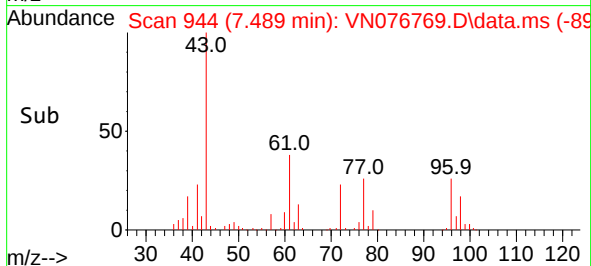
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion: 43 Resp: 242769
Ion Ratio Lower Upper
43 100
72 23.0 19.4 29.2

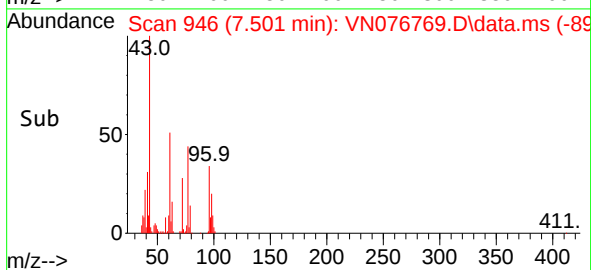
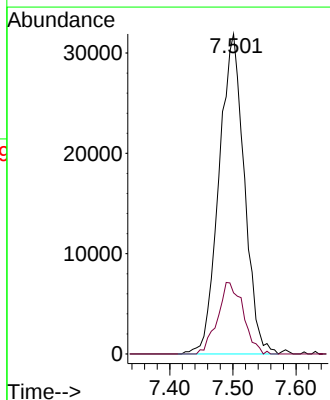
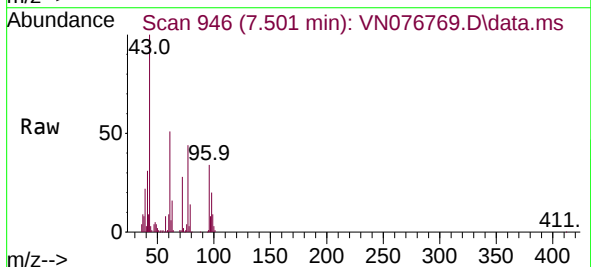
Manual Integrations
APPROVED

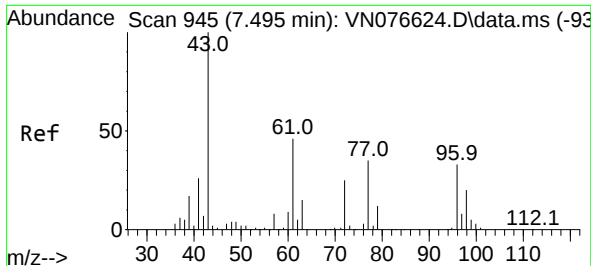
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#26
2,2-Dichloropropane
Concen: 20.377 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Tgt Ion: 77 Resp: 88759
Ion Ratio Lower Upper
77 100
97 22.7 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 19.129 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion: 96 Resp: 6924

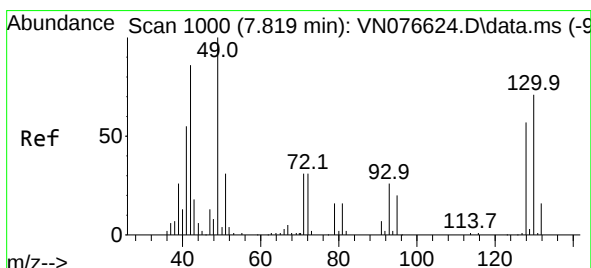
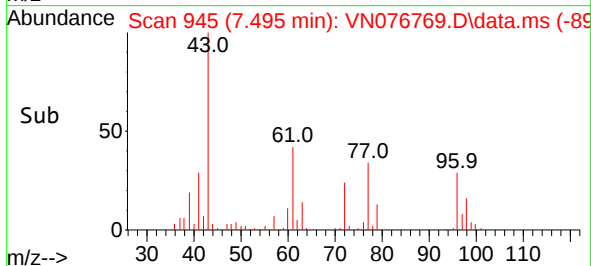
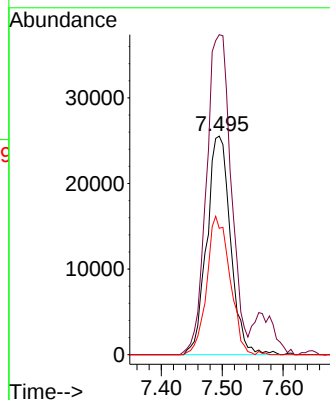
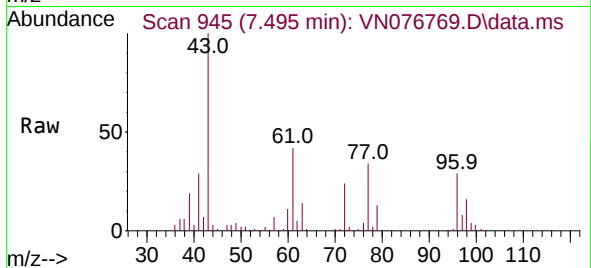
Ion	Ratio	Lower	Upper
96	100		
61	152.3	0.0	286.8
98	61.4	0.0	124.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#28

Bromochloromethane

Concen: 21.987 ug/l

RT: 7.825 min Scan# 1001

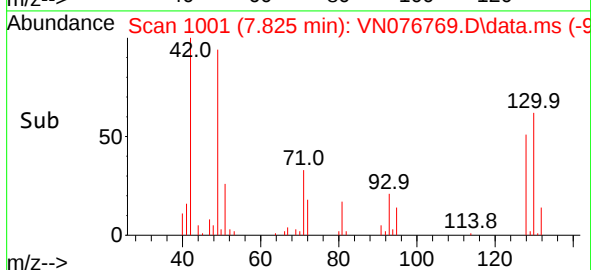
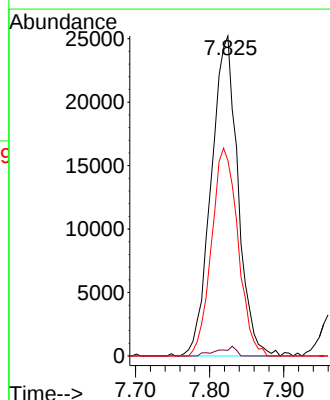
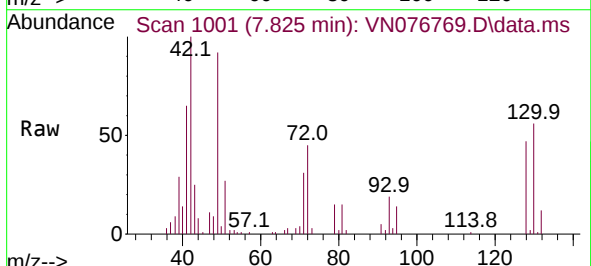
Delta R.T. 0.006 min

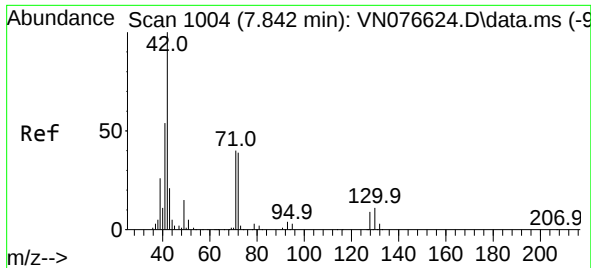
Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

Tgt Ion: 49 Resp: 63194

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	64.1	57.8	86.8





#29

Tetrahydrofuran

Concen: 101.392 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion: 42 Resp: 158318

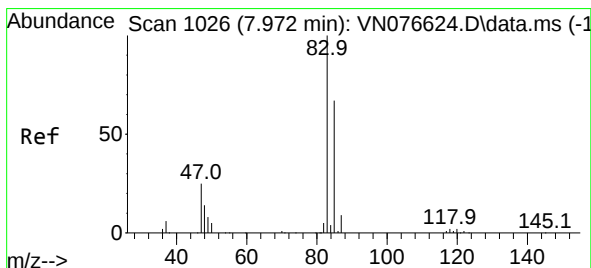
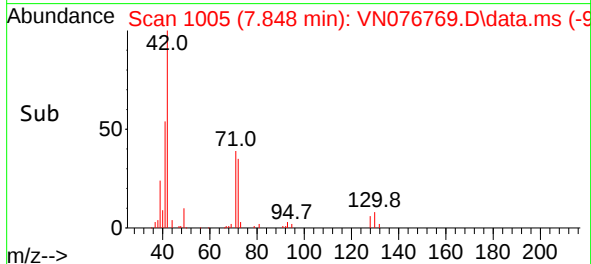
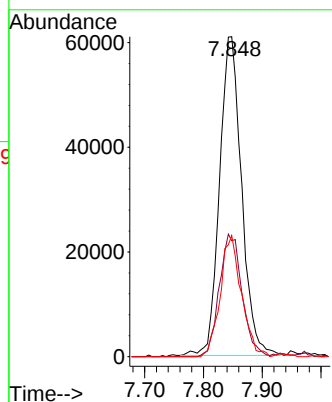
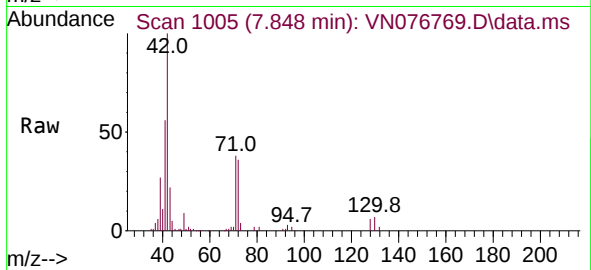
Ion	Ratio	Lower	Upper
42	100		
72	39.5	31.5	47.3
71	36.7	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#30

Chloroform

Concen: 20.063 ug/l

RT: 7.972 min Scan# 1026

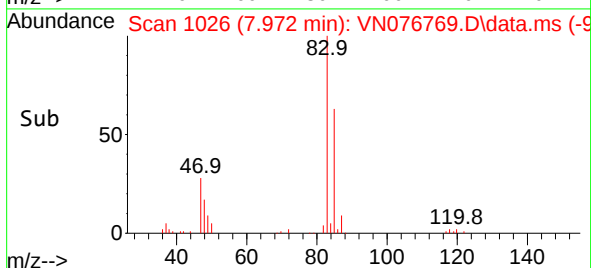
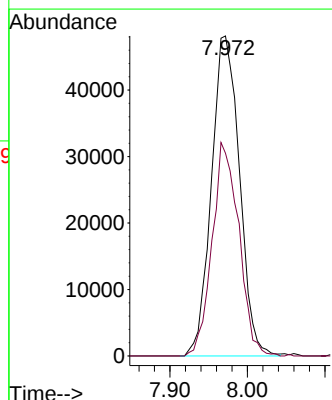
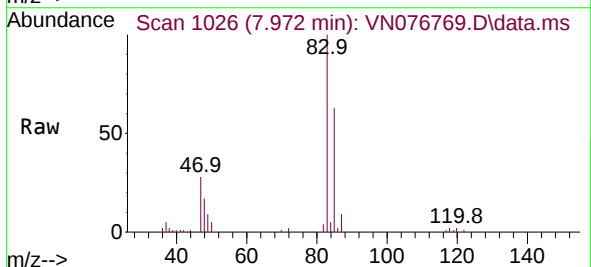
Delta R.T. -0.000 min

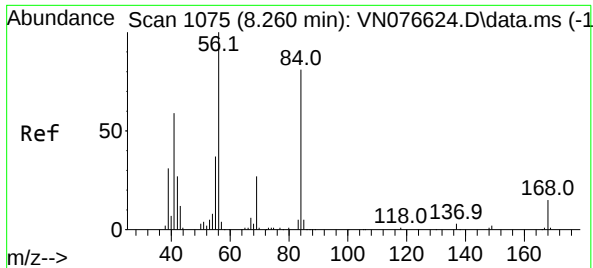
Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

Tgt Ion: 83 Resp: 121053

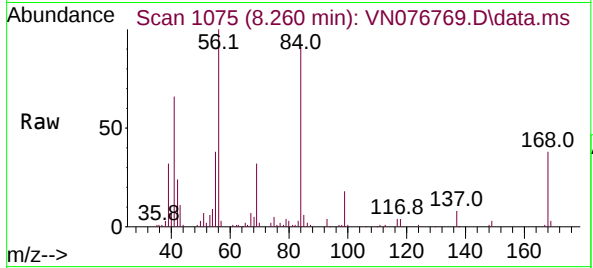
Ion	Ratio	Lower	Upper
83	100		
85	63.3	53.5	80.3





#31
Cyclohexane
Concen: 19.855 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

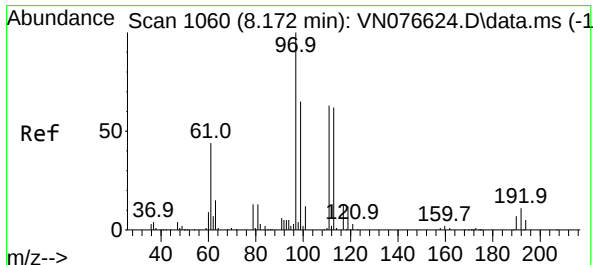
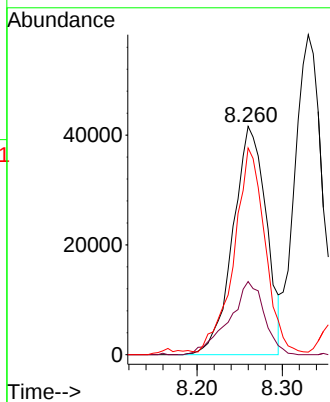
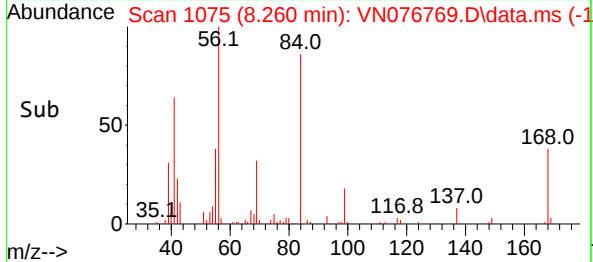
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



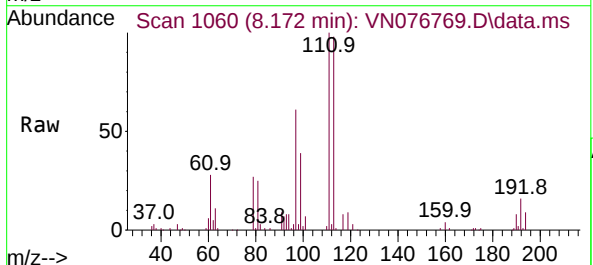
Tgt Ion: 56 Resp: 112968
Ion Ratio Lower Upper
56 100
69 32.1 21.6 32.4
84 88.7 65.1 97.7

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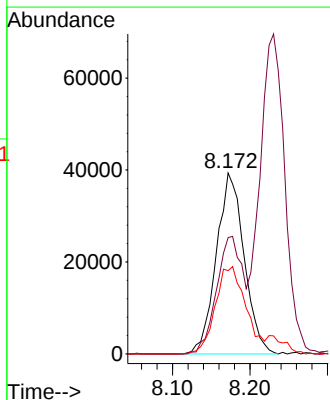
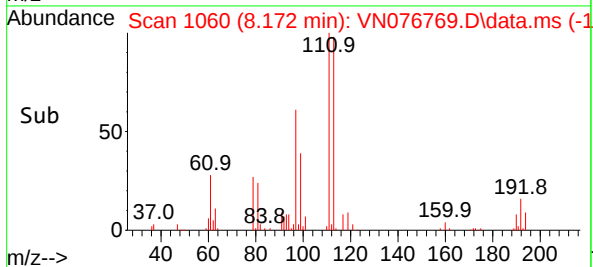
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

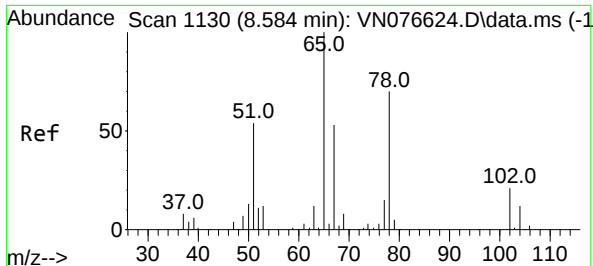


#32
1,1,1-Trichloroethane
Concen: 19.335 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19



Tgt Ion: 97 Resp: 98084
Ion Ratio Lower Upper
97 100
99 61.1 51.2 76.8
61 53.1 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 53.277 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion: 65 Resp: 193244

Ion Ratio Lower Upper

65 100

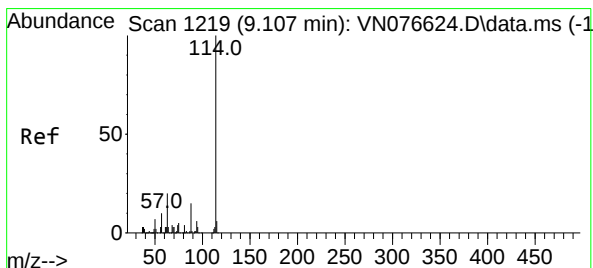
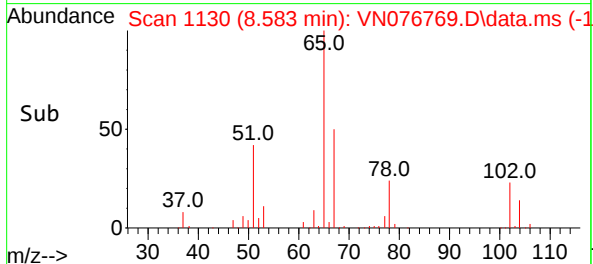
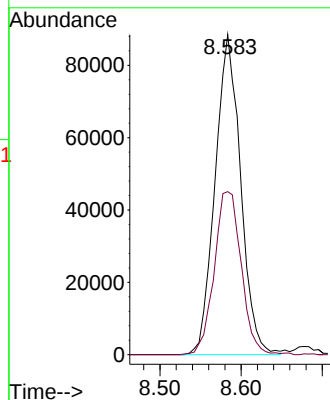
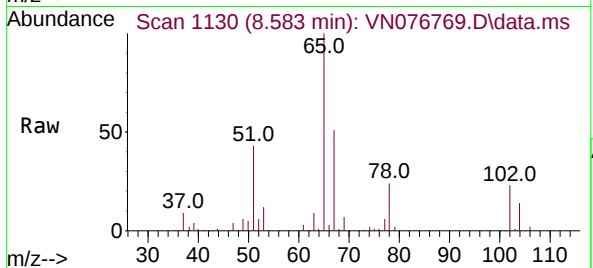
67 53.9 0.0 105.6

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: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

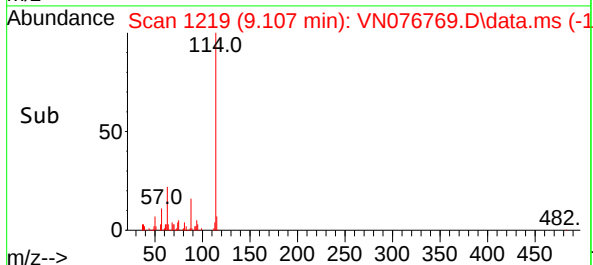
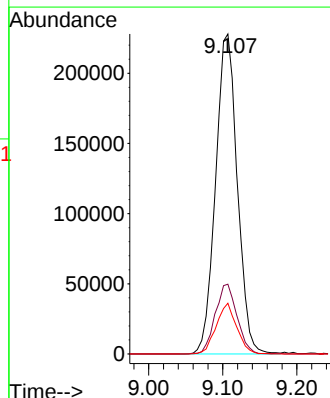
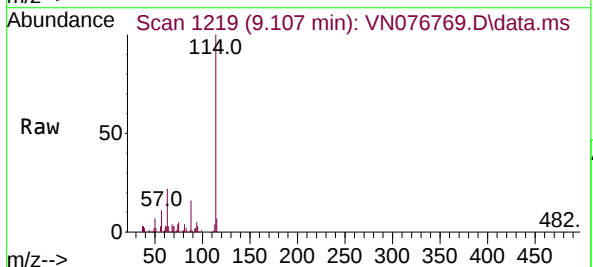
Tgt Ion:114 Resp: 464726

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

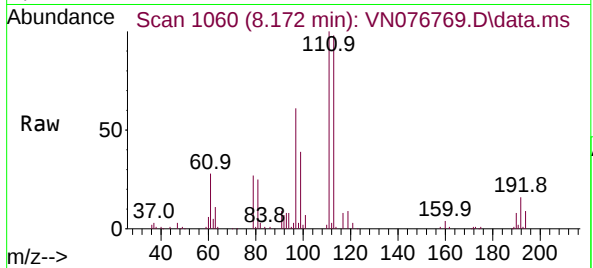
88 15.9 0.0 29.6





#35
Dibromofluoromethane
Concen: 49.870 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

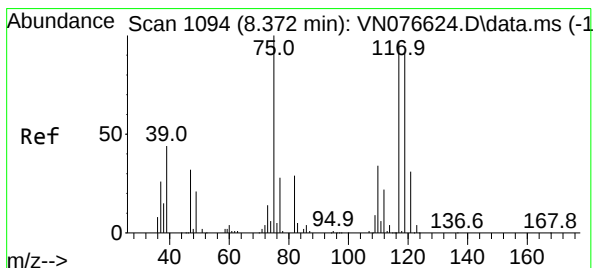
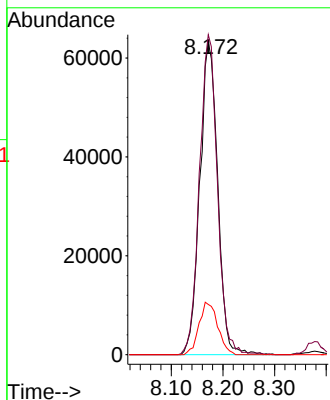
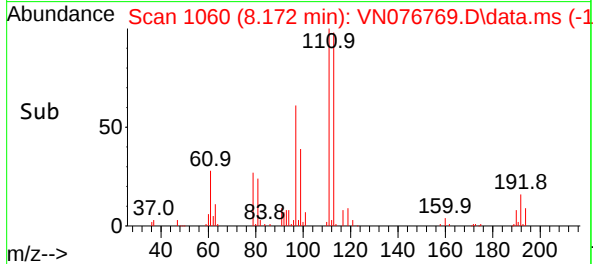
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion: 113 Resp: 151770
Ion Ratio Lower Upper
113 100
111 102.6 83.1 124.7
192 17.5 15.6 23.4

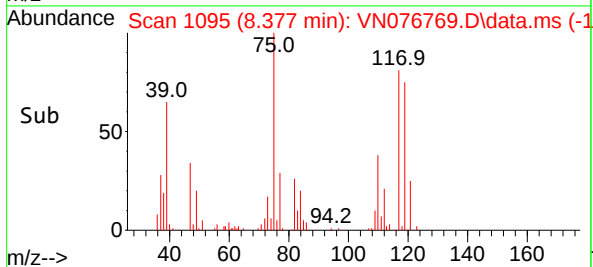
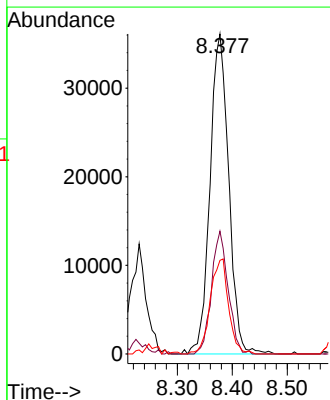
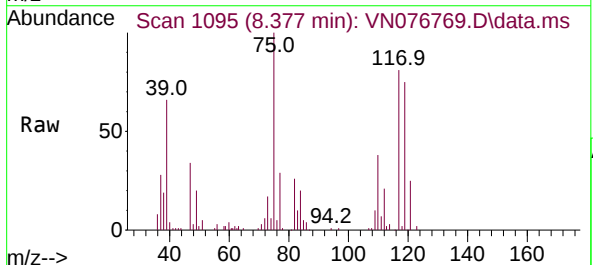
Manual Integrations
APPROVED

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



#36
1,1-Dichloropropene
Concen: 19.459 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. 0.005 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

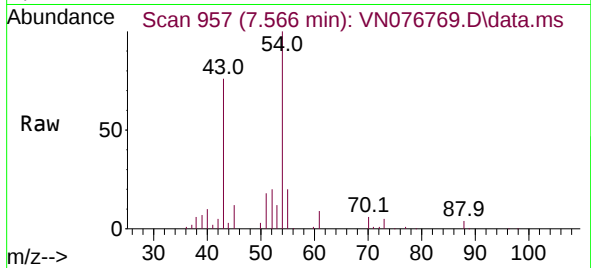
Tgt Ion: 75 Resp: 85564
Ion Ratio Lower Upper
75 100
110 34.2 17.5 52.5
77 28.9 24.5 36.7





#37
Ethyl Acetate
Concen: 20.893 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

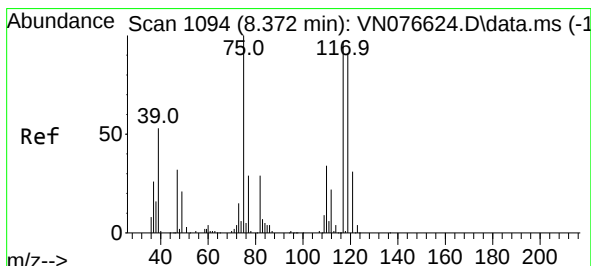
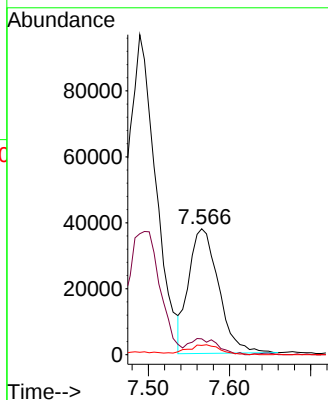
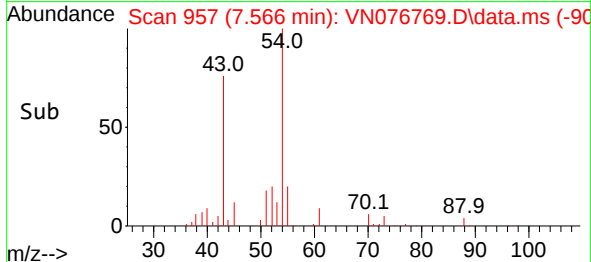
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion: 43 Resp: 96659
Ion Ratio Lower Upper
43 100
61 12.3 9.9 14.9
70 8.5 7.8 11.6

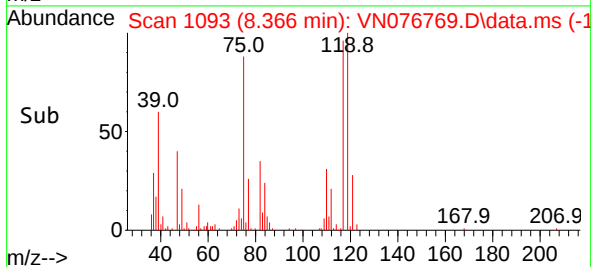
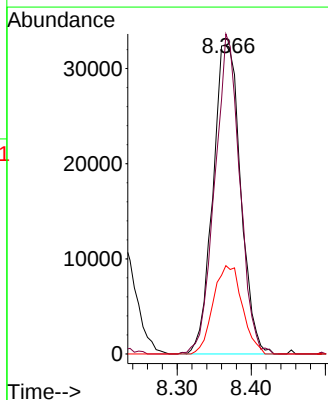
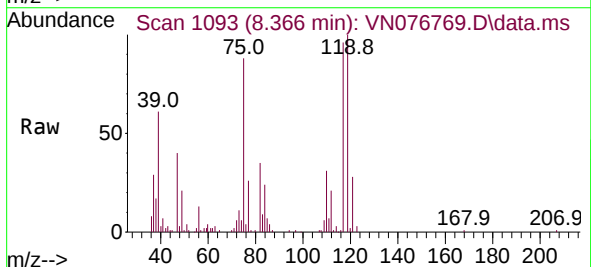
Manual Integrations
APPROVED

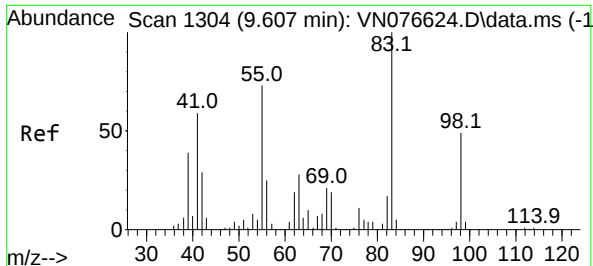
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#38
Carbon Tetrachloride
Concen: 19.021 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Tgt Ion:117 Resp: 84376
Ion Ratio Lower Upper
117 100
119 103.6 75.4 113.0
121 28.6 26.0 39.0





#39

Methylcyclohexane

Concen: 20.613 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. -0.000 min

Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion: 83 Resp: 103030

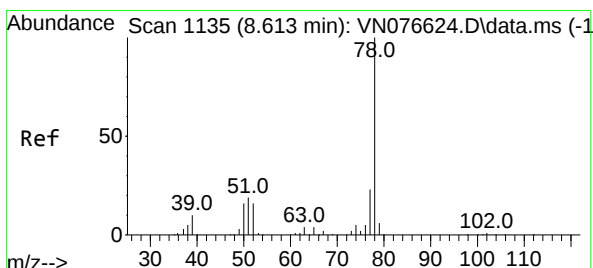
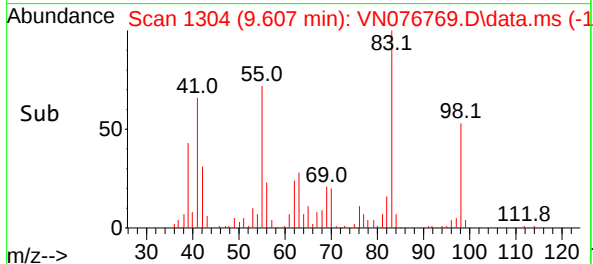
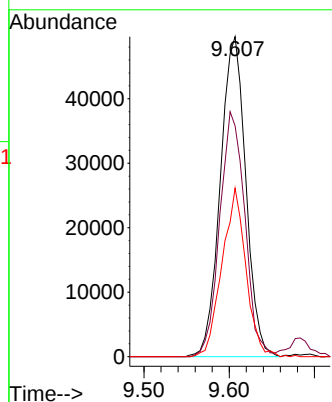
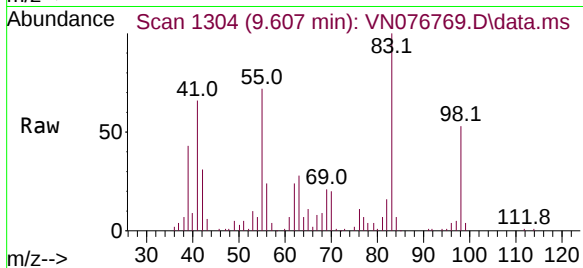
Ion	Ratio	Lower	Upper
83	100		
55	72.2	58.6	88.0
98	52.6	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#40

Benzene

Concen: 20.344 ug/l

RT: 8.613 min Scan# 1135

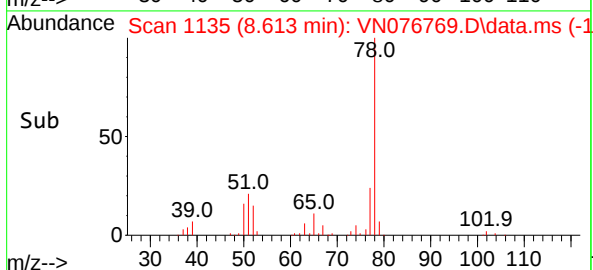
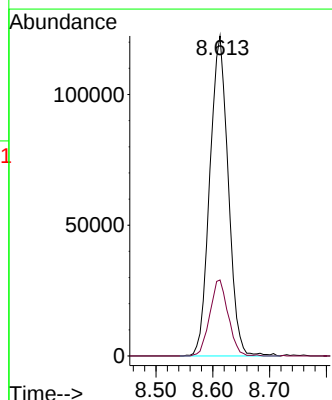
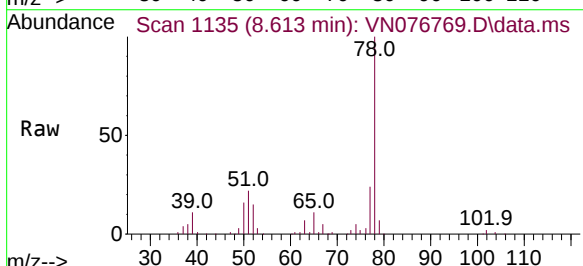
Delta R.T. -0.000 min

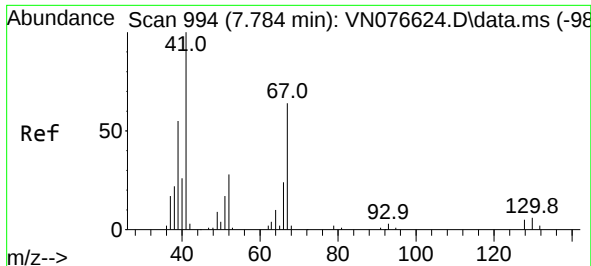
Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

Tgt Ion: 78 Resp: 274722

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.2	27.4





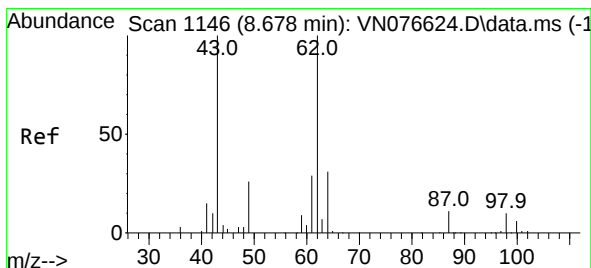
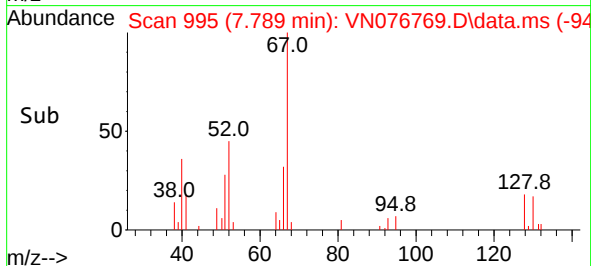
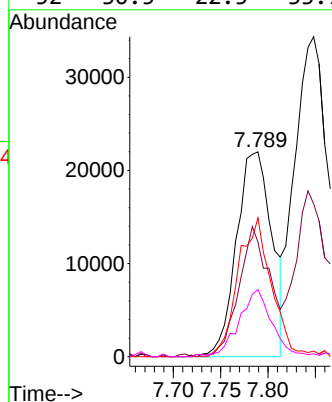
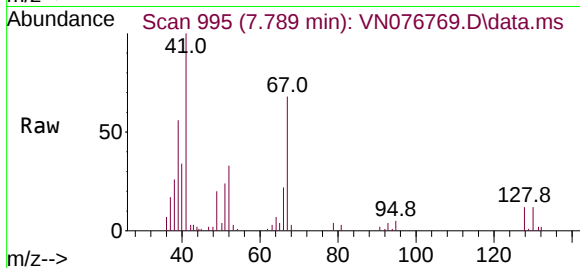
#41
Methacrylonitrile
Concen: 21.382 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.005 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion:	41	Resp:	5730
Ion	Ratio	Lower	Upper
41	100		
39	55.7	42.6	63.8
67	64.4	51.4	77.0
52	30.5	22.5	33.7

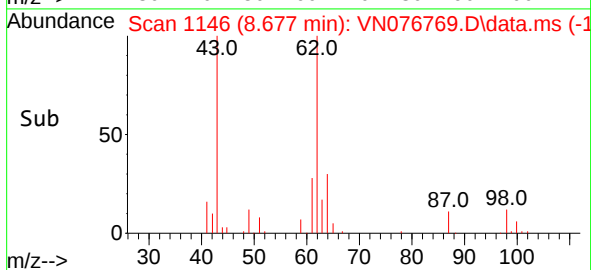
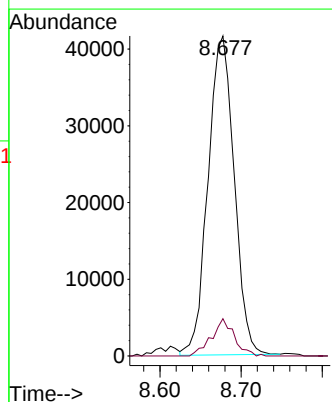
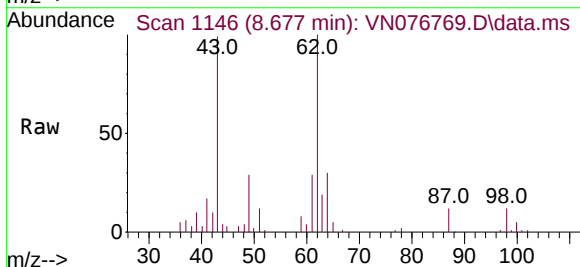
Manual Integrations
APPROVED

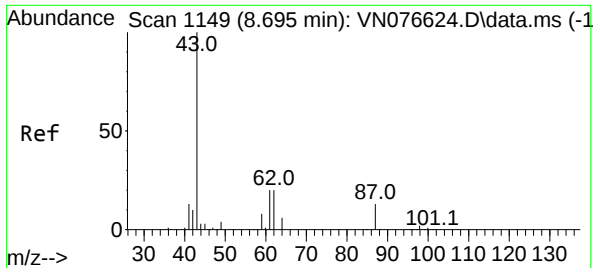
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#42
1,2-Dichloroethane
Concen: 19.765 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

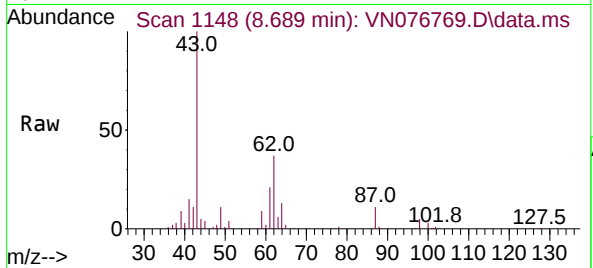
Tgt Ion:	62	Resp:	93084
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.2





#43
Isopropyl Acetate
Concen: 20.699 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

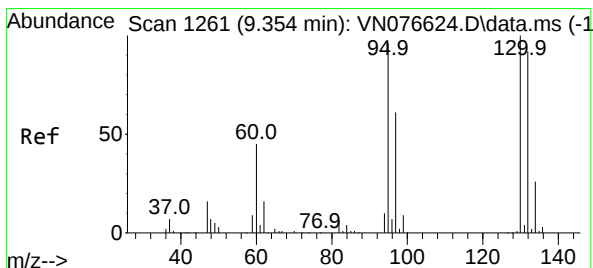
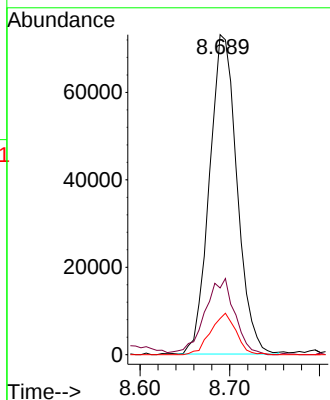
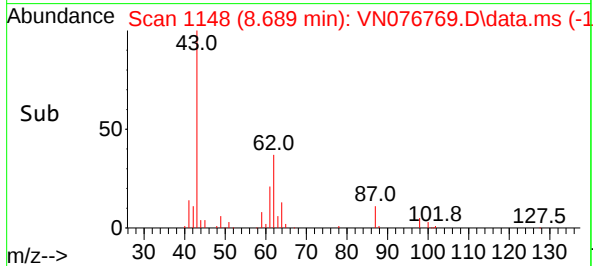
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion: 43 Resp: 155828
Ion Ratio Lower Upper
43 100
61 26.1 20.0 30.0
87 12.0 9.9 14.9

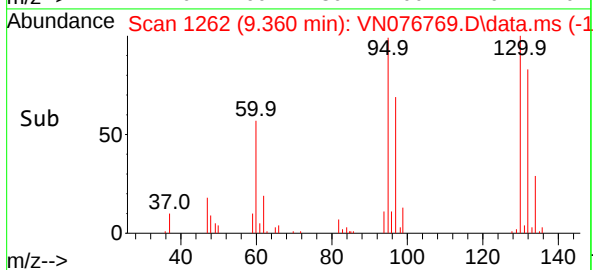
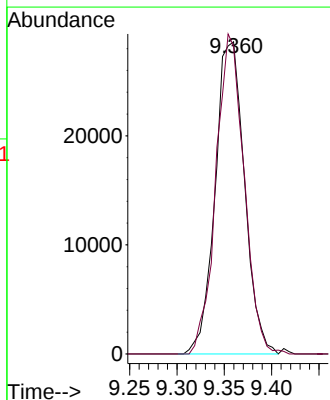
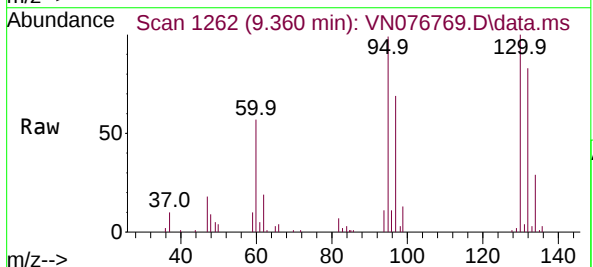
Manual Integrations
APPROVED

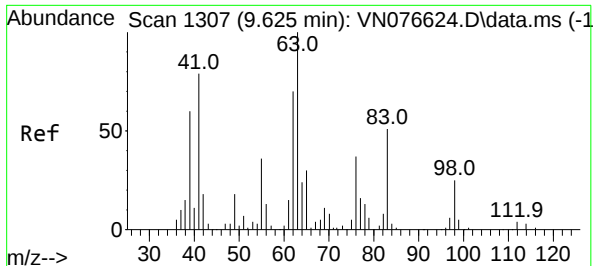
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#44
Trichloroethene
Concen: 19.371 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Tgt Ion:130 Resp: 61812
Ion Ratio Lower Upper
130 100
95 98.5 0.0 191.4





#45

1,2-Dichloropropane

Concen: 20.111 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion: 63 Resp: 7189

Ion Ratio Lower Upper

63 100

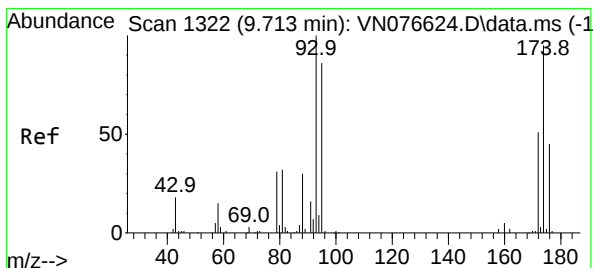
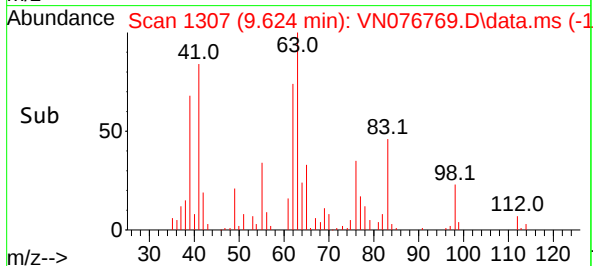
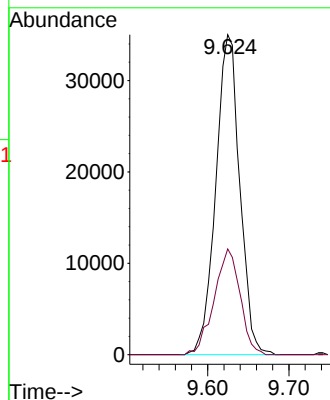
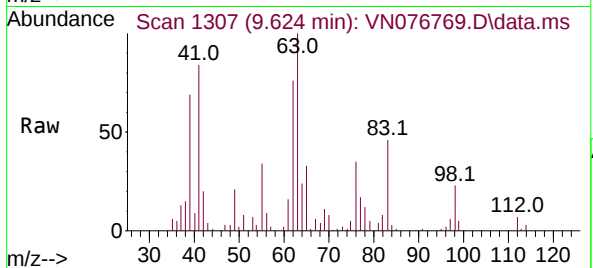
65 33.1 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#46

Dibromomethane

Concen: 21.040 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

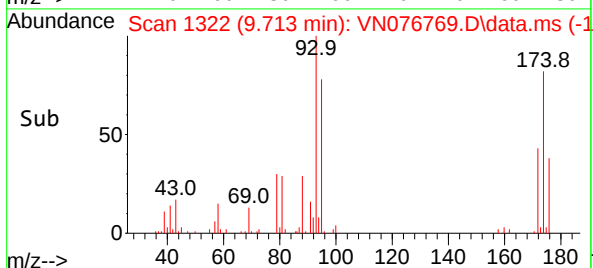
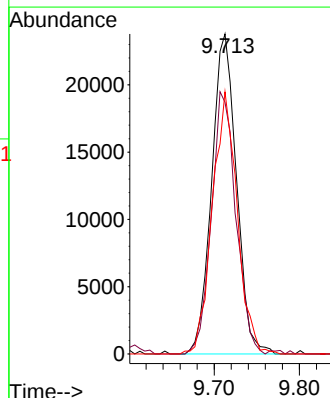
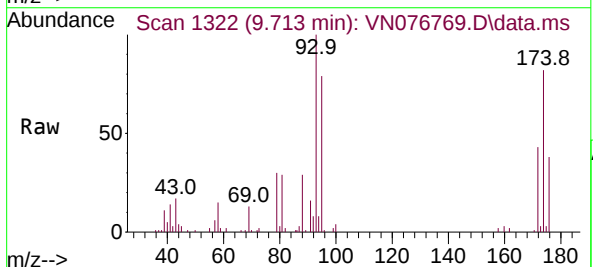
Tgt Ion: 93 Resp: 48082

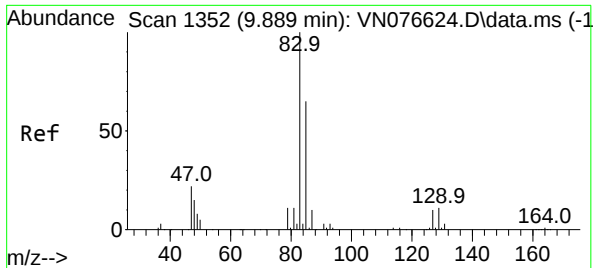
Ion Ratio Lower Upper

93 100

95 80.8 66.0 99.0

174 82.5 75.8 113.8





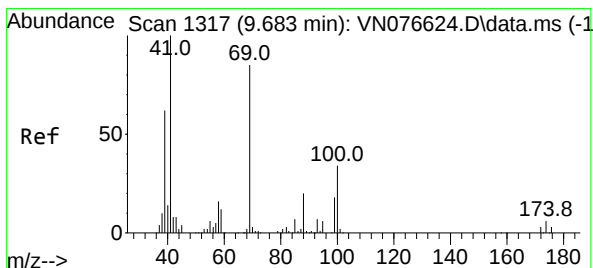
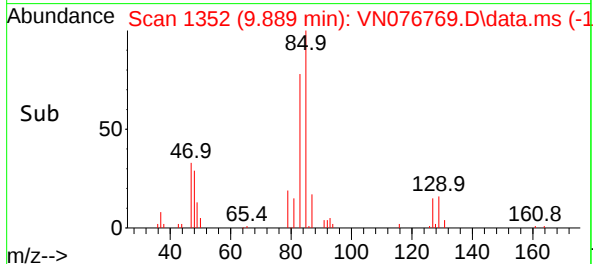
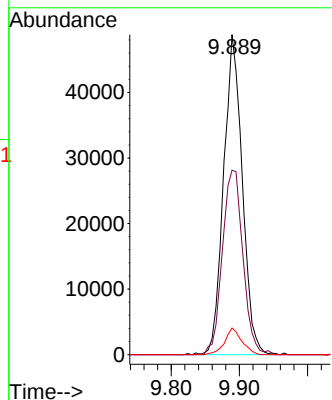
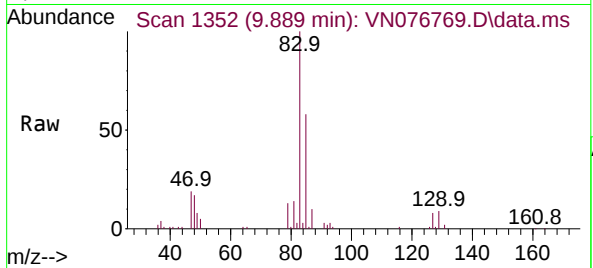
#47
Bromodichloromethane
Concen: 20.309 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion: 83 Resp: 93052
Ion Ratio Lower Upper
83 100
85 57.6 51.8 77.6
127 8.4 7.9 11.9

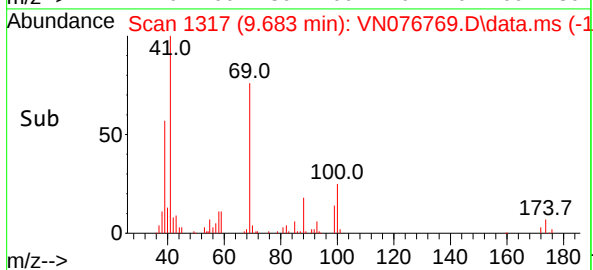
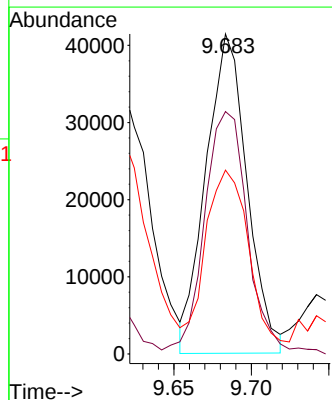
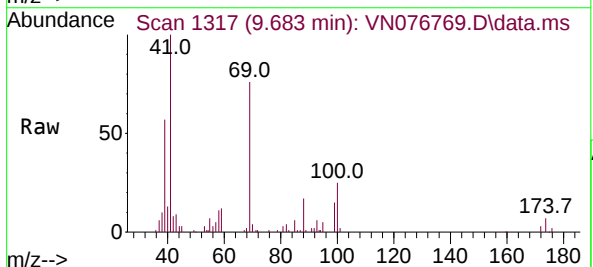
Manual Integrations
APPROVED

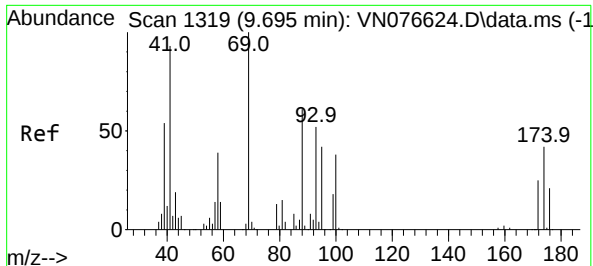
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#48
Methyl methacrylate
Concen: 21.383 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Tgt Ion: 41 Resp: 76387
Ion Ratio Lower Upper
41 100
69 79.7 65.4 98.0
39 62.6 49.3 73.9





#49

1,4-Dioxane

Concen: 413.995 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion: 88 Resp: 2558

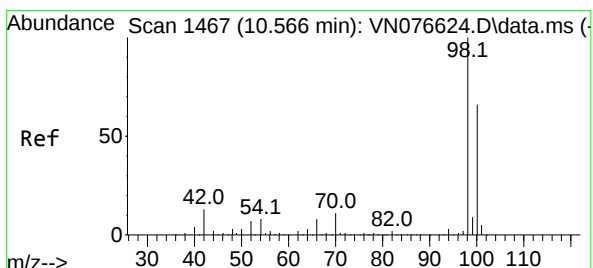
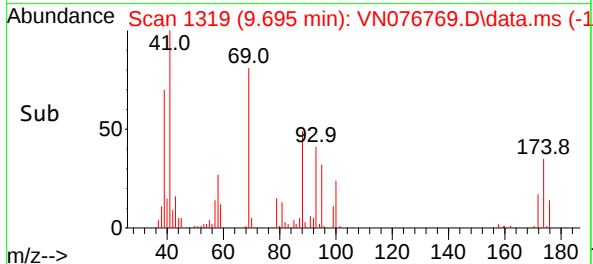
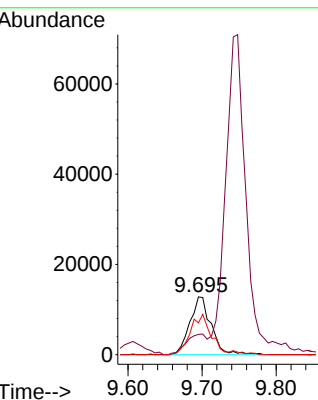
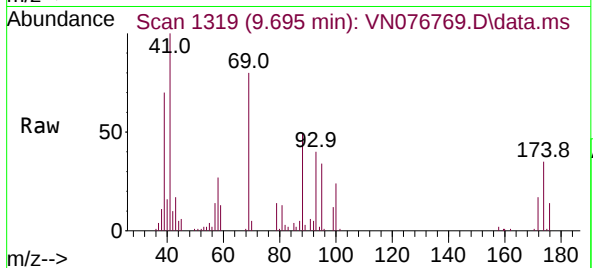
Ion	Ratio	Lower	Upper
88	100		
43	34.6	22.6	33.8
58	67.5	57.6	86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#50

Toluene-d8

Concen: 52.629 ug/l

RT: 10.571 min Scan# 1468

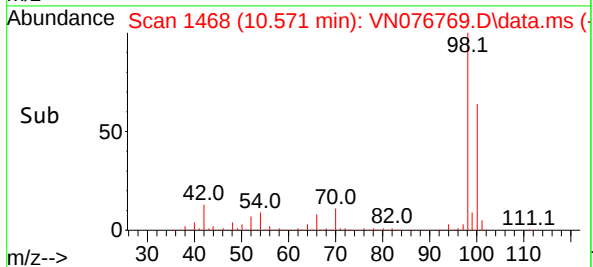
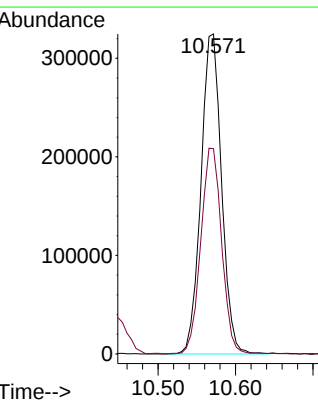
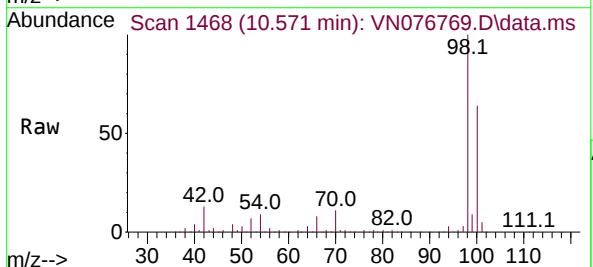
Delta R.T. 0.005 min

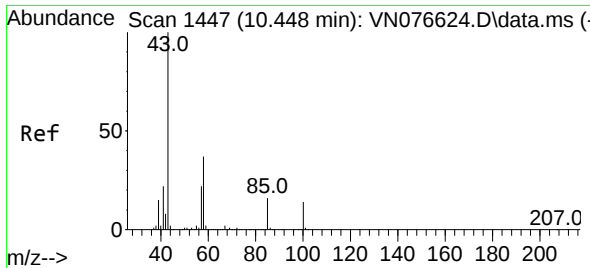
Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

Tgt Ion: 98 Resp: 598163

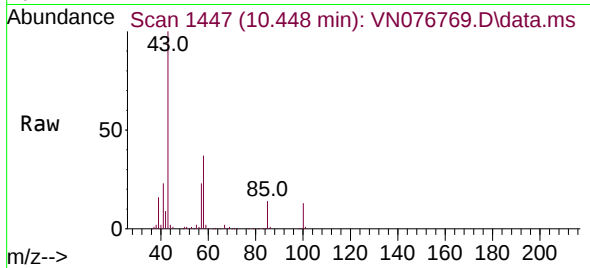
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.9	79.3





#51
4-Methyl-2-Pentanone
Concen: 110.853 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

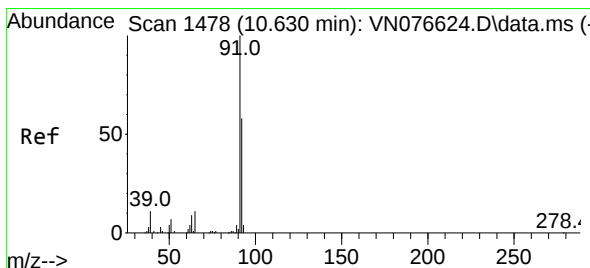
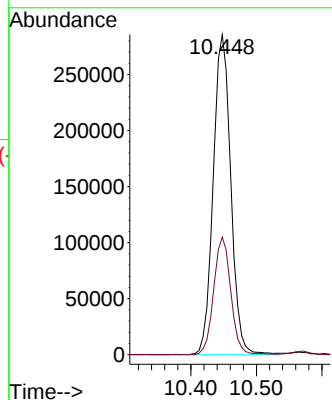
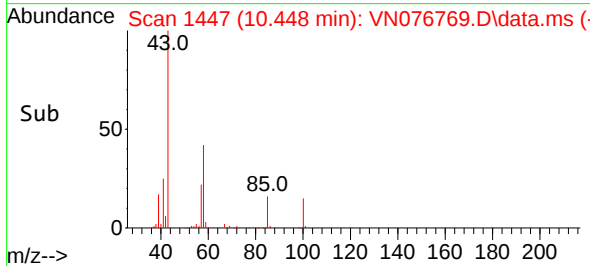
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



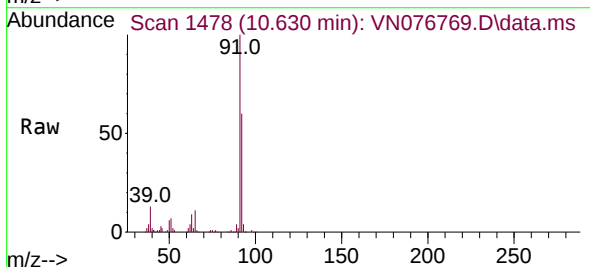
Tgt Ion: 43 Resp: 530972
Ion Ratio Lower Upper
43 100
58 35.7 29.5 44.3

Manual Integrations
APPROVED

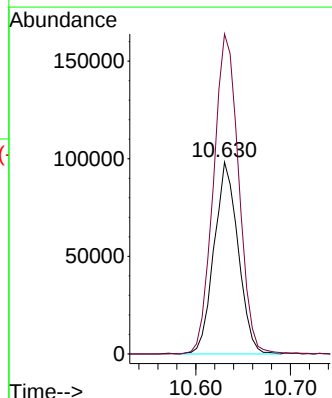
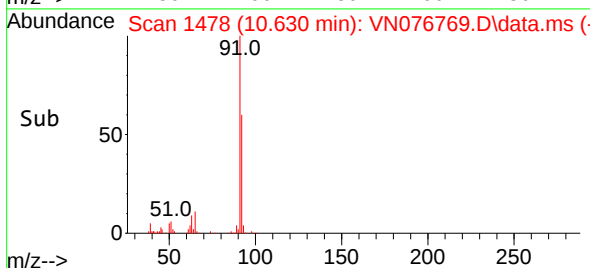
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

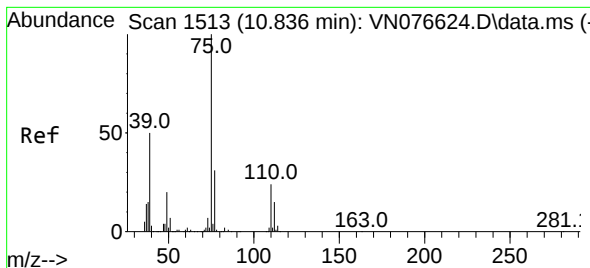


#52
Toluene
Concen: 21.264 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19



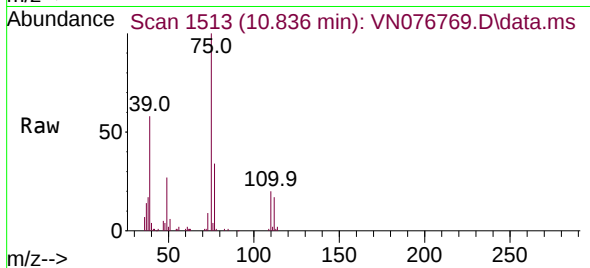
Tgt Ion: 92 Resp: 173362
Ion Ratio Lower Upper
92 100
91 175.1 138.0 207.0





#53
 t-1,3-Dichloropropene
 Concen: 20.606 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN076769.D
 Acq: 22 Feb 2023 14:19

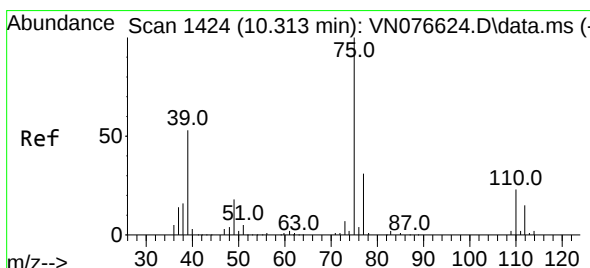
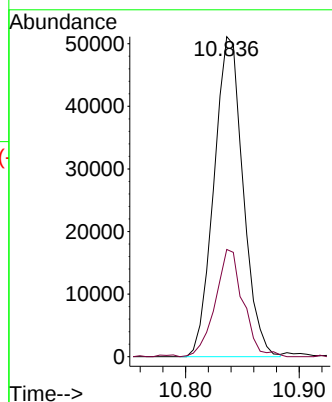
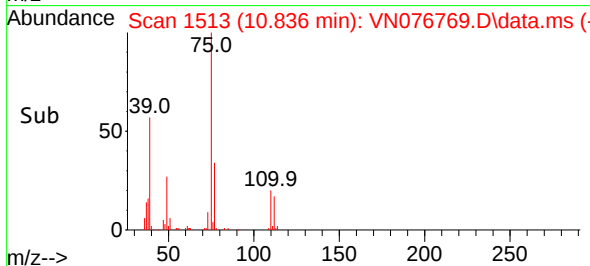
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBS01



Tgt Ion: 75 Resp: 9112
 Ion Ratio Lower Upper
 75 100
 77 33.5 24.6 37.0

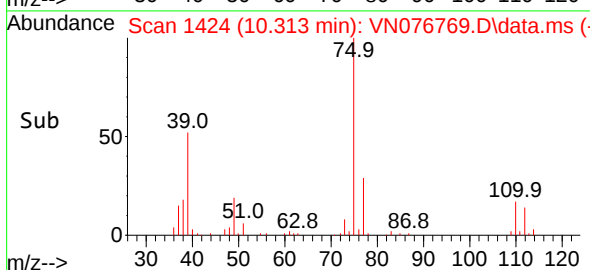
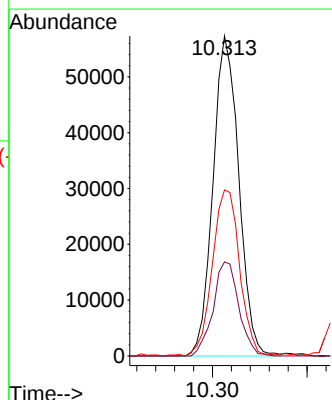
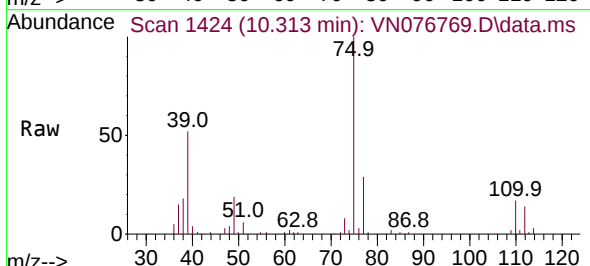
Manual Integrations
 APPROVED

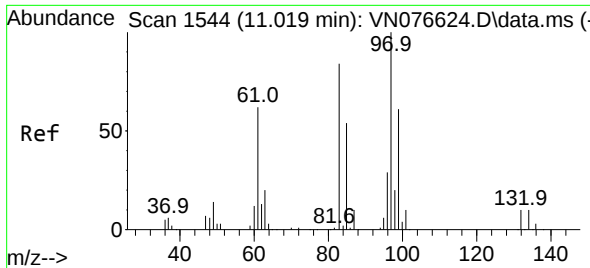
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#54
 cis-1,3-Dichloropropene
 Concen: 21.261 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN076769.D
 Acq: 22 Feb 2023 14:19

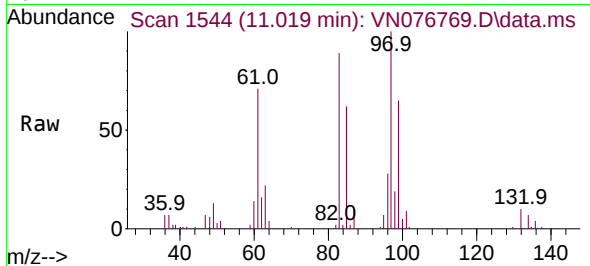
Tgt Ion: 75 Resp: 108453
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.1 37.7
 39 51.5 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 20.663 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.001 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

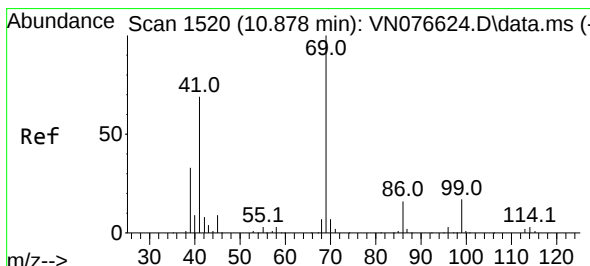
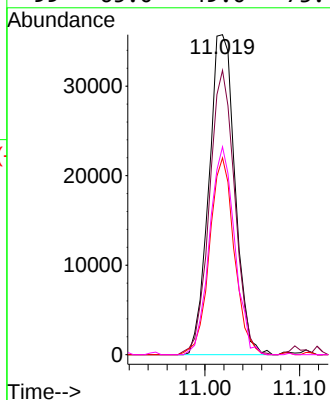
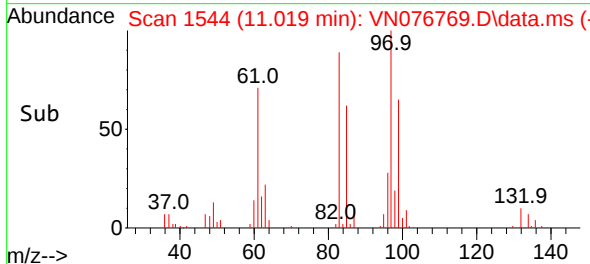
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



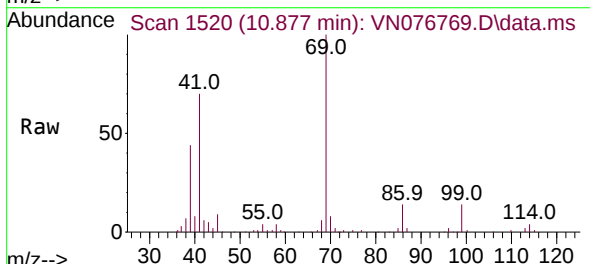
Tgt Ion: 97 Resp: 68500
Ion Ratio Lower Upper
97 100
83 88.8 67.3 100.9
85 61.5 43.2 64.8
99 65.0 49.0 73.4

Manual Integrations
APPROVED

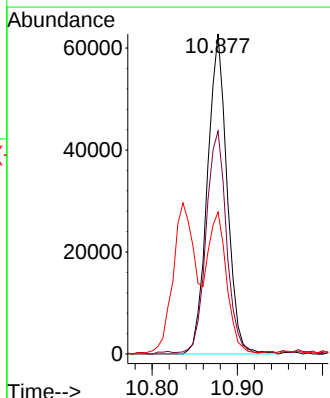
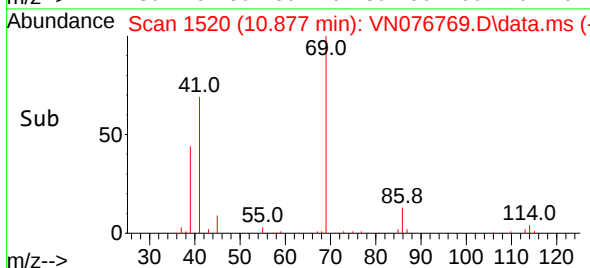
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#56
Ethyl methacrylate
Concen: 21.582 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19



Tgt Ion: 69 Resp: 100710
Ion Ratio Lower Upper
69 100
41 71.0 55.1 82.7
39 40.8 30.7 46.1





#57

1,3-Dichloropropane

Concen: 20.738 ug/l

RT: 11.166 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion: 76 Resp: 11811

Ion Ratio Lower Upper

76 100

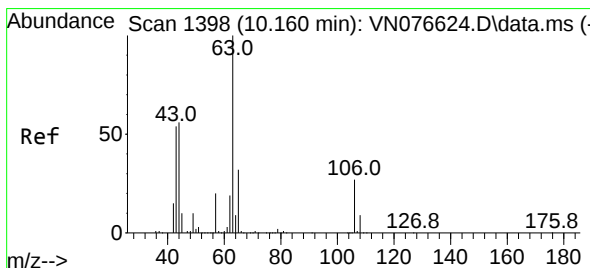
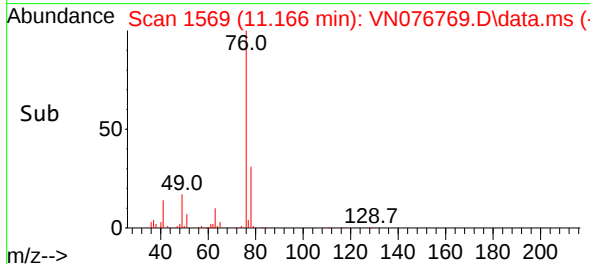
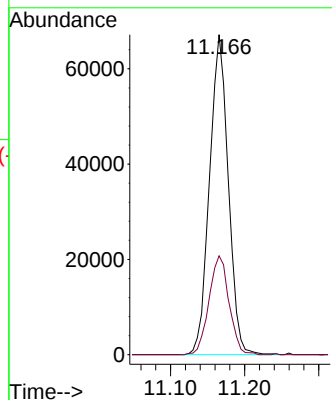
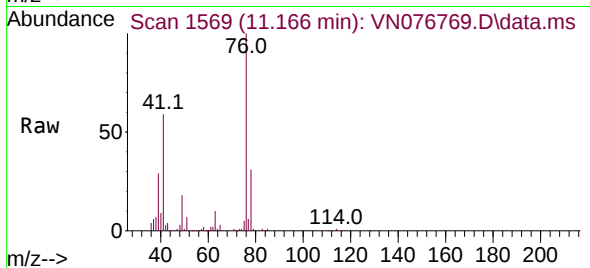
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#58

2-Chloroethyl Vinyl ether

Concen: 96.770 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN076769.D

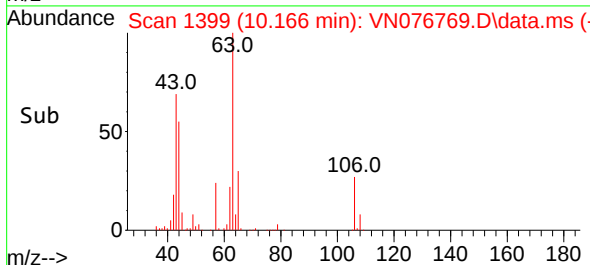
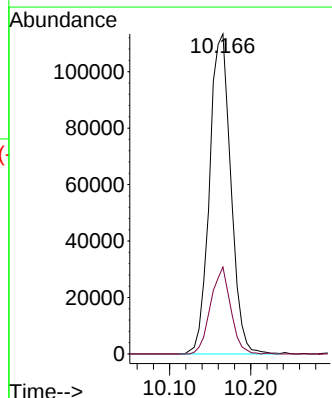
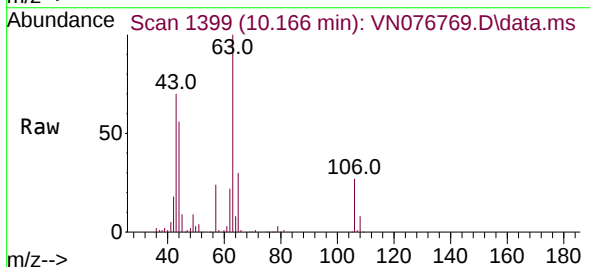
Acq: 22 Feb 2023 14:19

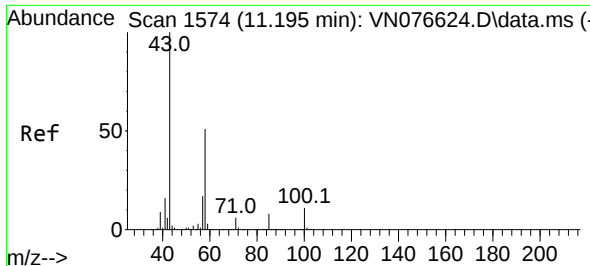
Tgt Ion: 63 Resp: 206803

Ion Ratio Lower Upper

63 100

106 25.5 22.3 33.5





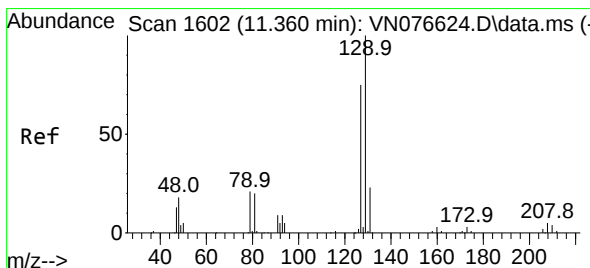
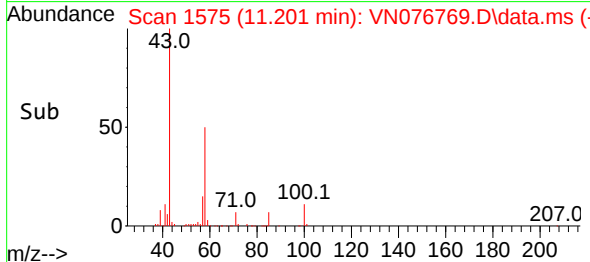
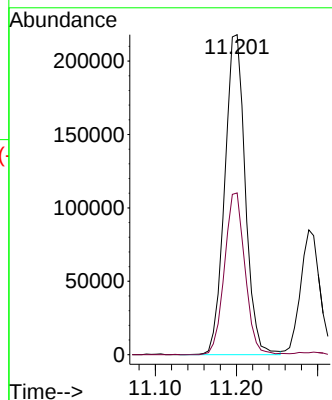
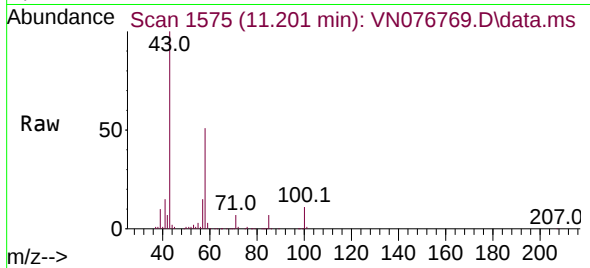
#59
2-Hexanone
Concen: 111.019 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion: 43 Resp: 38342
Ion Ratio Lower Upper
43 100
58 50.5 25.4 76.0

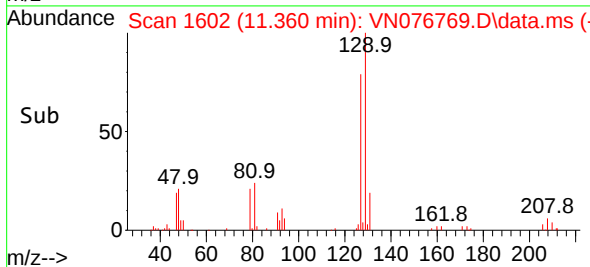
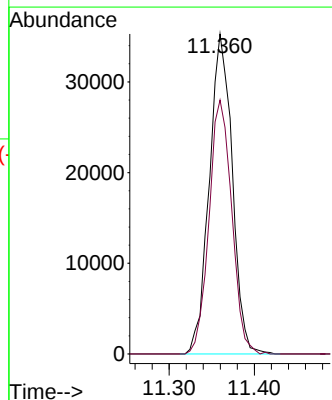
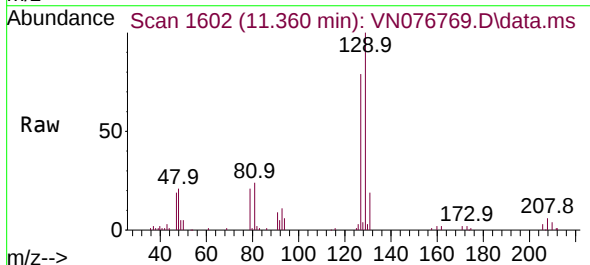
Manual Integrations
APPROVED

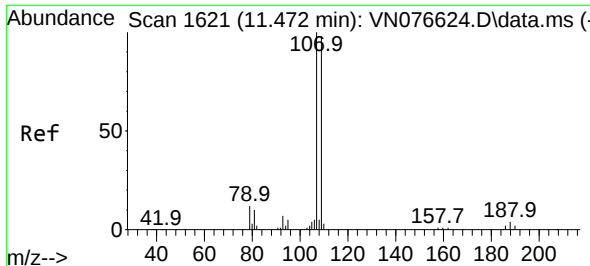
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#60
Dibromochloromethane
Concen: 18.885 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Tgt Ion:129 Resp: 65981
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.4





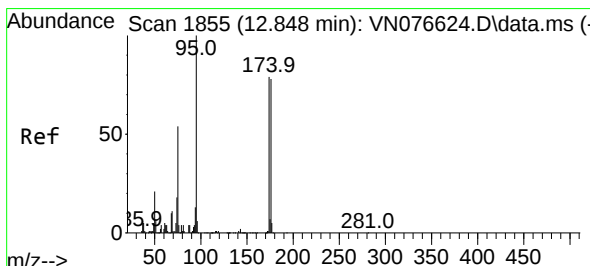
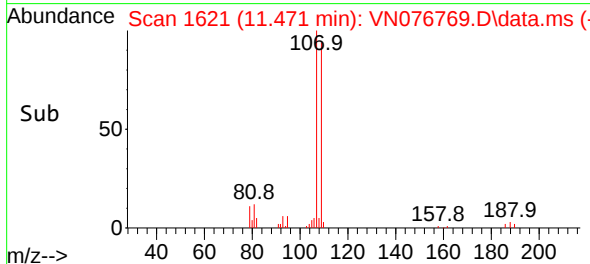
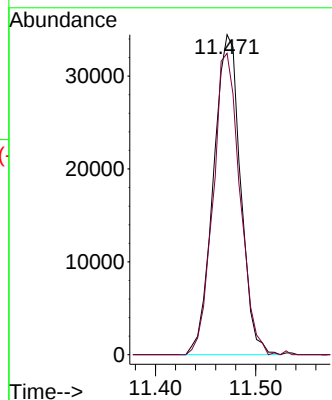
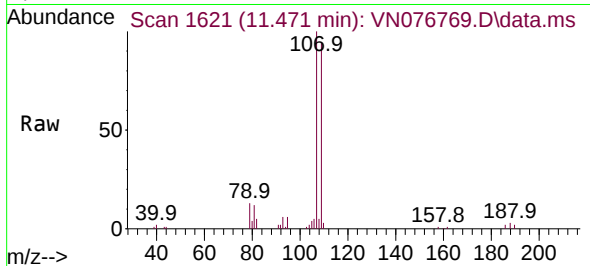
#61
1,2-Dibromoethane
Concen: 19.468 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion:107 Resp: 64599
Ion Ratio Lower Upper
107 100
109 93.2 76.8 115.2

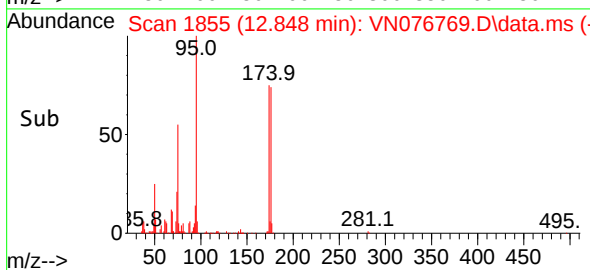
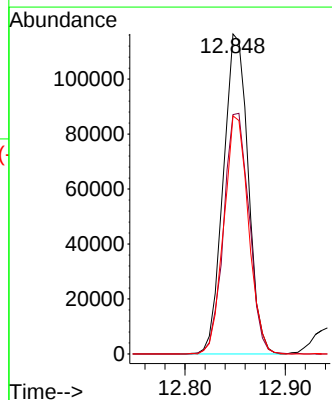
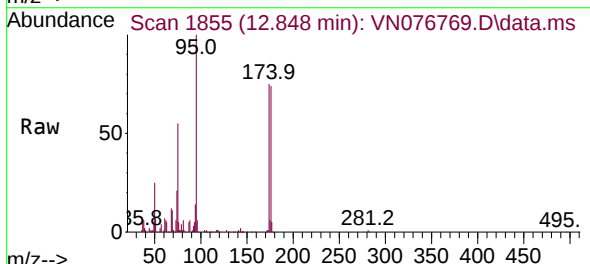
Manual Integrations
APPROVED

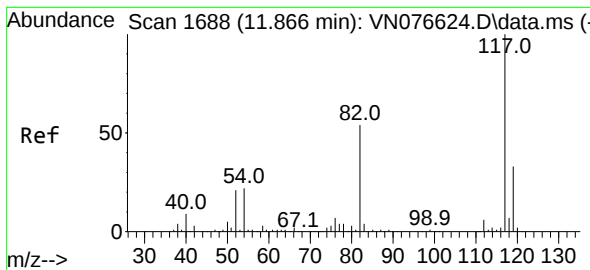
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#62
4-Bromofluorobenzene
Concen: 53.133 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

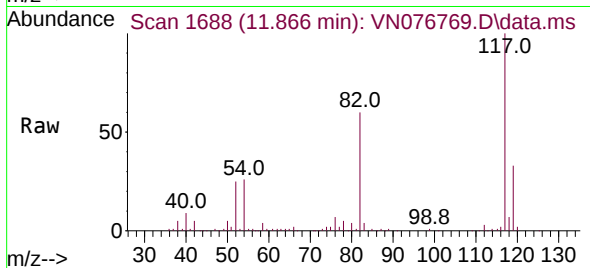
Tgt Ion: 95 Resp: 200014
Ion Ratio Lower Upper
95 100
174 76.5 0.0 169.2
176 73.9 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

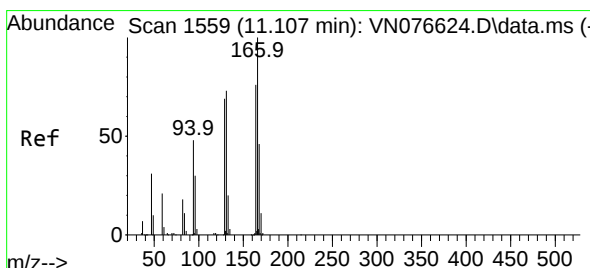
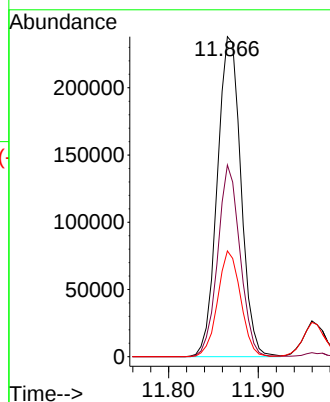
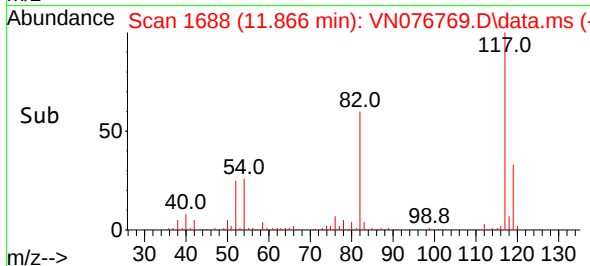
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion:117 Resp: 43502
Ion Ratio Lower Upper
117 100
82 59.9 43.4 65.2
119 33.1 26.1 39.1

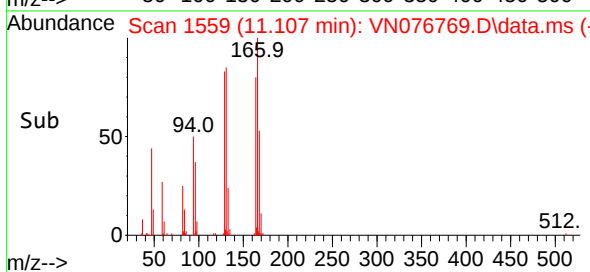
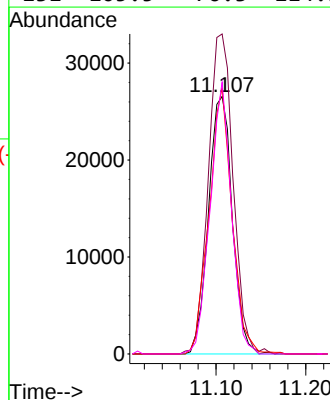
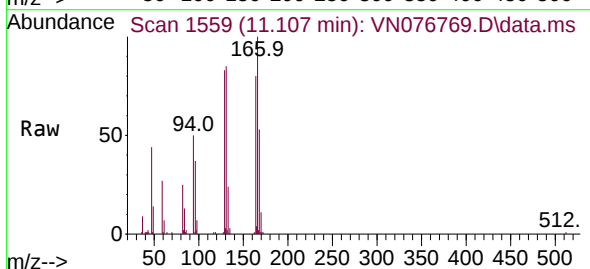
Manual Integrations
APPROVED

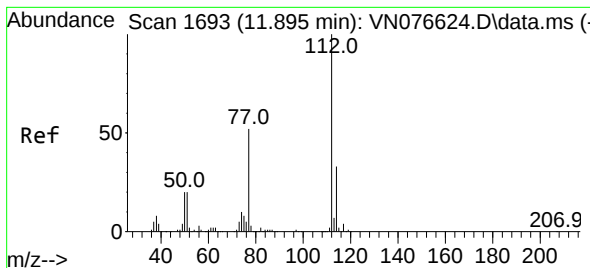
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#64
Tetrachloroethene
Concen: 17.799 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

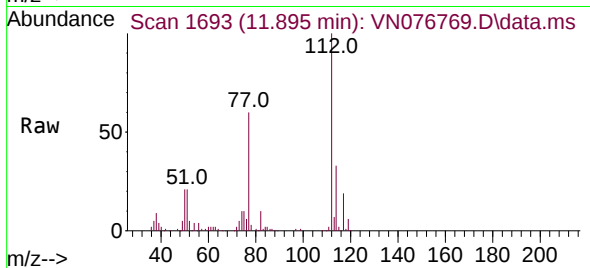
Tgt Ion:164 Resp: 48796
Ion Ratio Lower Upper
164 100
166 124.3 104.8 157.2
129 103.3 72.2 108.2
131 105.5 76.3 114.5





#65
Chlorobenzene
Concen: 19.692 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

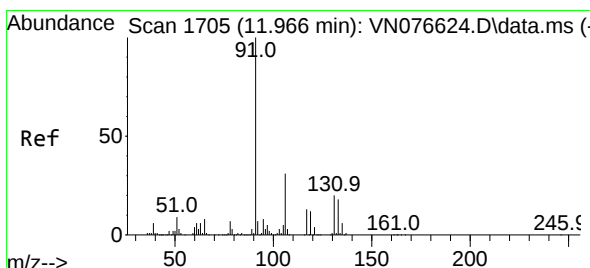
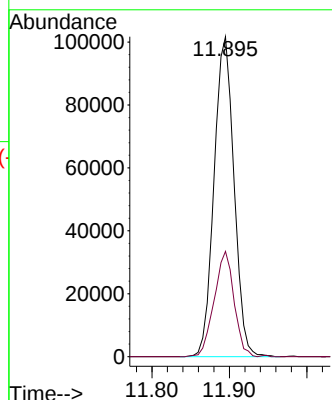
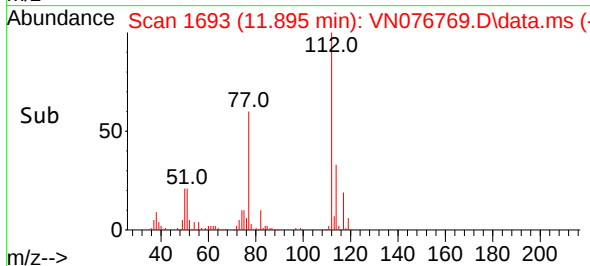
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



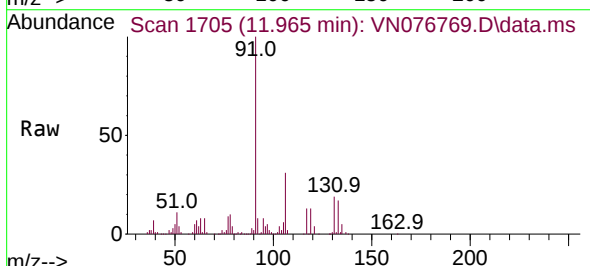
Tgt Ion:112 Resp: 181549
Ion Ratio Lower Upper
112 100
114 32.9 26.4 39.6

Manual Integrations
APPROVED

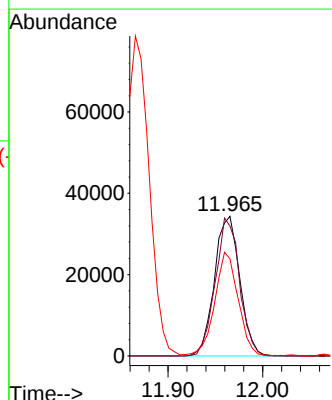
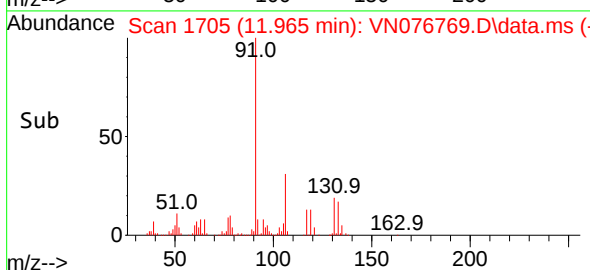
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

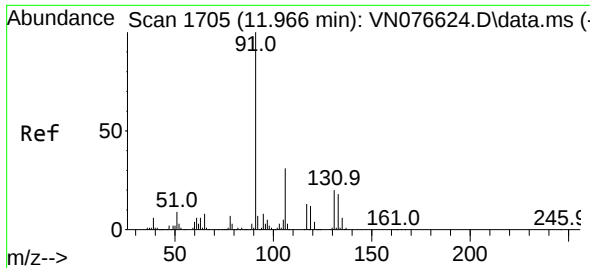


#66
1,1,1,2-Tetrachloroethane
Concen: 19.079 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19



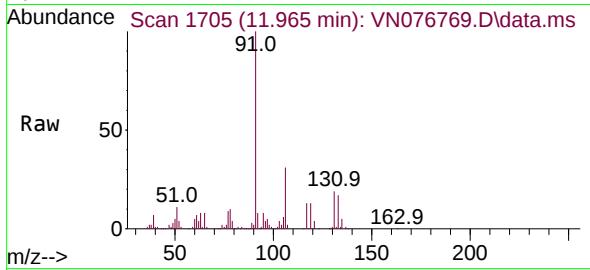
Tgt Ion:131 Resp: 63891
Ion Ratio Lower Upper
131 100
133 94.8 47.0 141.0
119 68.9 32.3 96.8





#67
Ethyl Benzene
Concen: 20.280 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

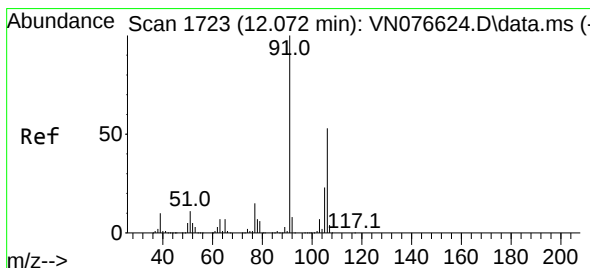
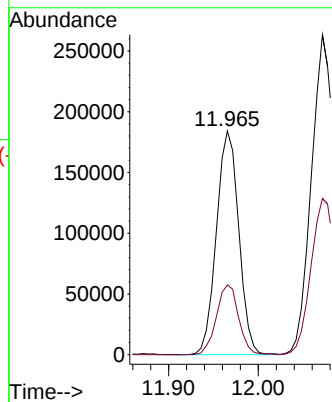
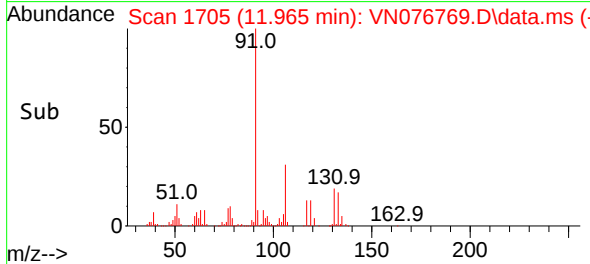
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion: 91 Resp: 318530
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7

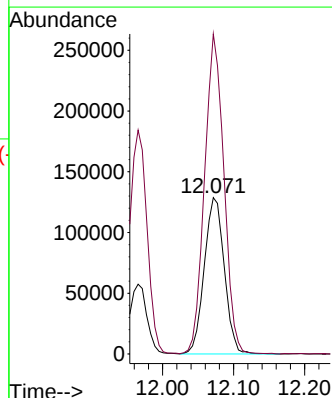
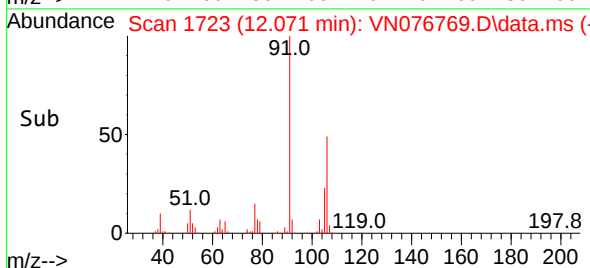
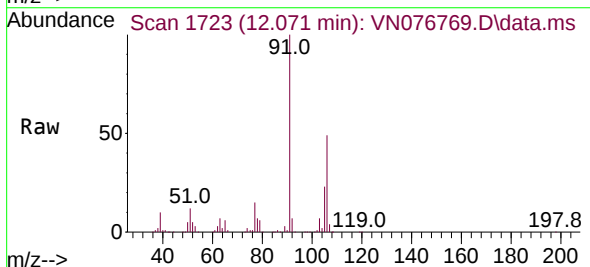
Manual Integrations
APPROVED

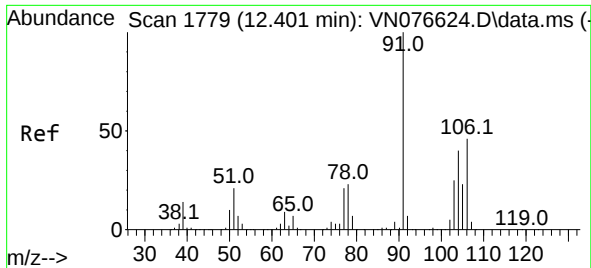
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#68
m/p-Xylenes
Concen: 41.728 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Tgt Ion:106 Resp: 252633
Ion Ratio Lower Upper
106 100
91 197.8 154.7 232.1





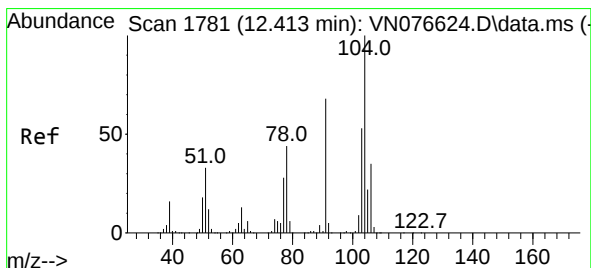
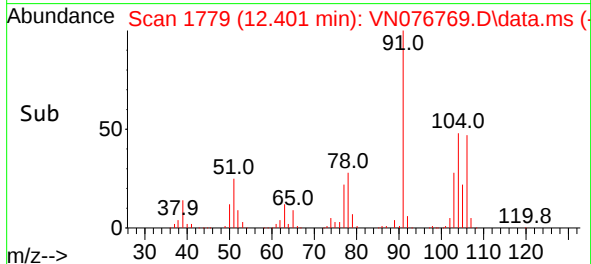
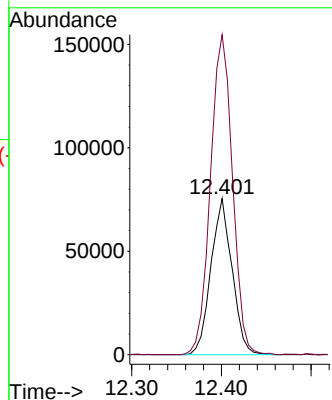
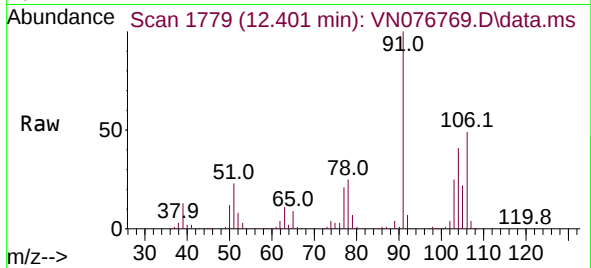
#69
o-Xylene
Concen: 20.918 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion:106 Resp: 123509
Ion Ratio Lower Upper
106 100
91 213.5 105.8 317.4

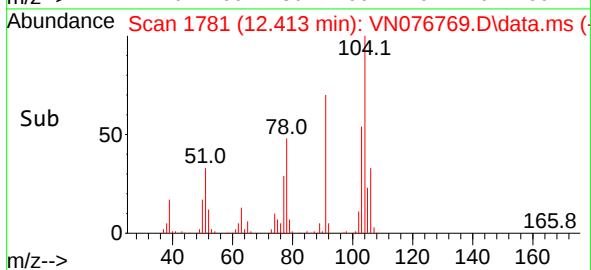
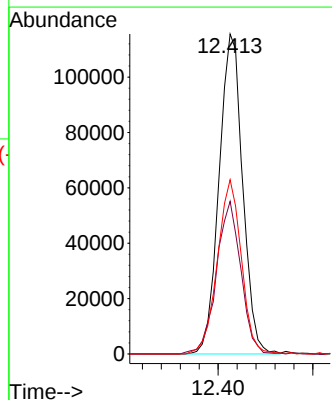
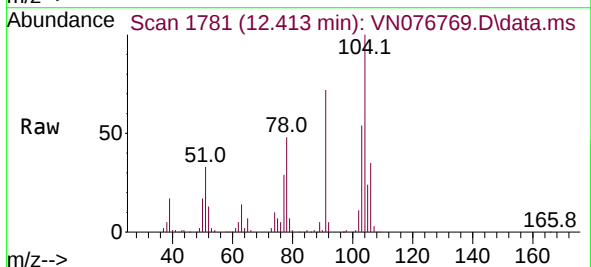
Manual Integrations
APPROVED

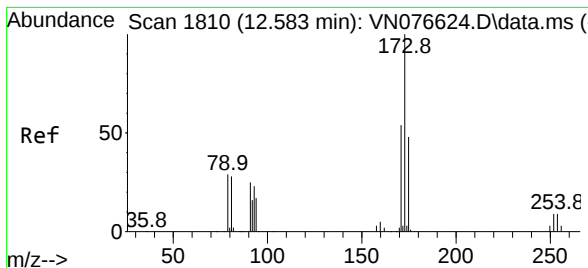
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#70
Styrene
Concen: 20.911 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Tgt Ion:104 Resp: 199663
Ion Ratio Lower Upper
104 100
78 49.3 38.2 57.4
103 55.5 44.2 66.4





#71

Bromoform

Concen: 19.101 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

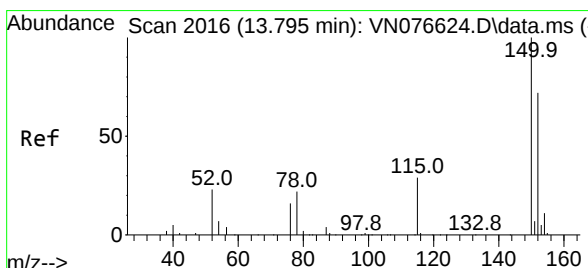
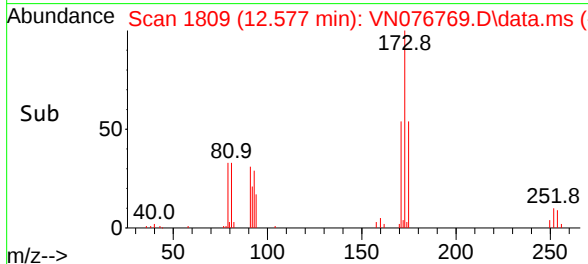
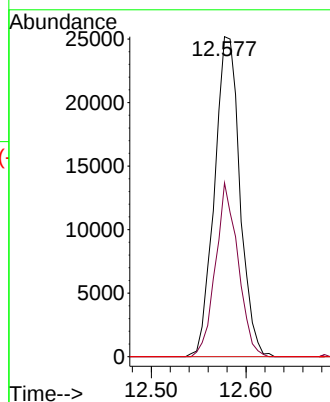
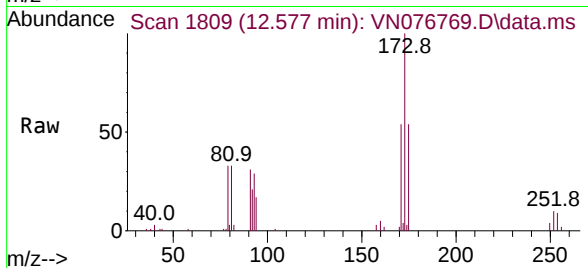
VN0222WBS01

Tgt Ion:173 Resp: 46918
 Ion Ratio Lower Upper
 173 100
 175 48.1 24.9 74.7
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

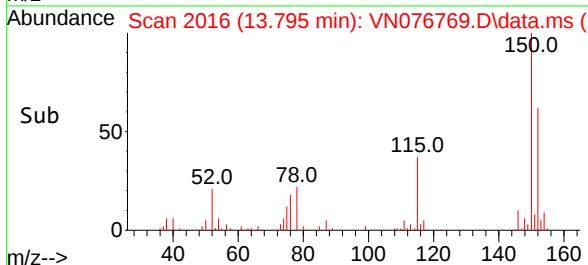
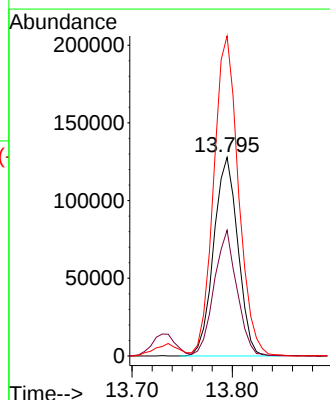
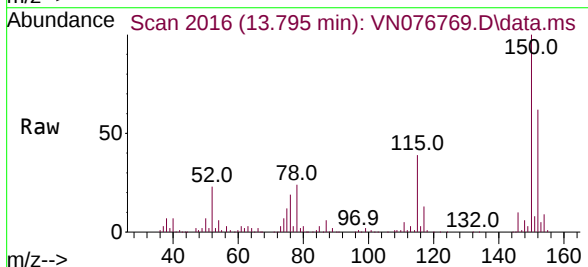
RT: 13.795 min Scan# 2016

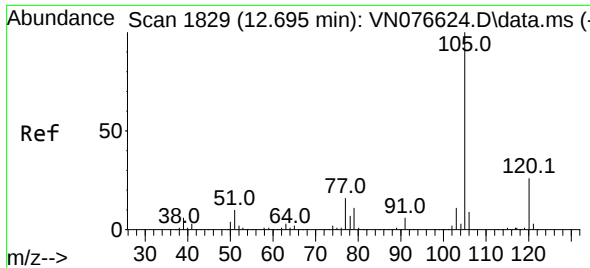
Delta R.T. -0.000 min

Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

Tgt Ion:152 Resp: 214126
 Ion Ratio Lower Upper
 152 100
 115 59.9 29.3 87.9
 150 164.6 0.0 349.8





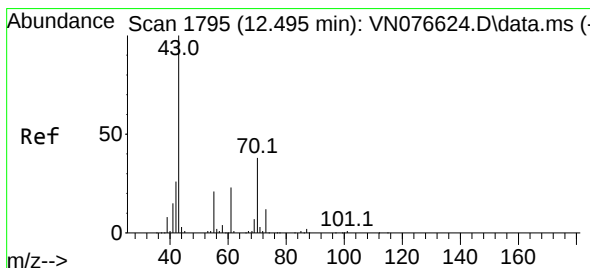
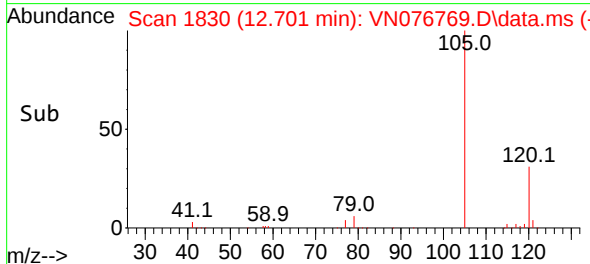
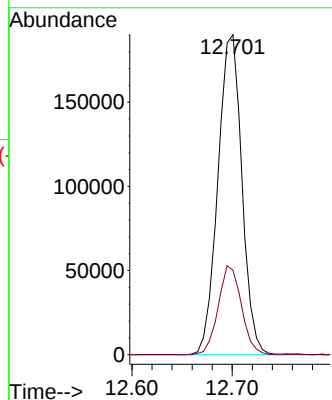
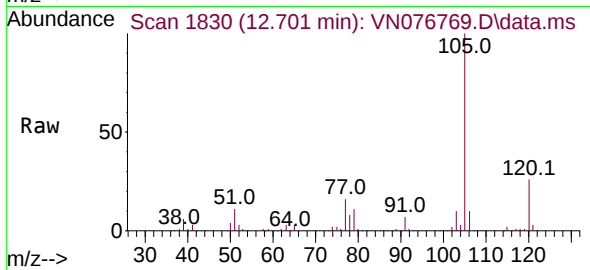
#73
Isopropylbenzene
Concen: 20.088 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion:105 Resp: 31528
Ion Ratio Lower Upper
105 100
120 26.9 13.7 41.0

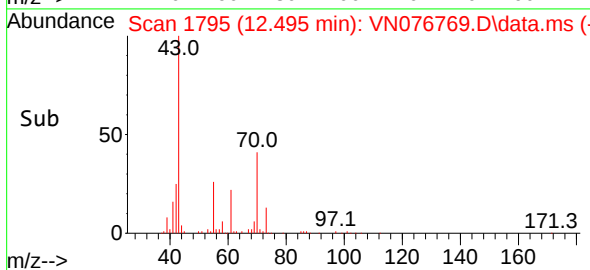
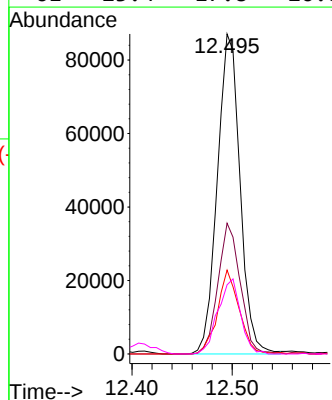
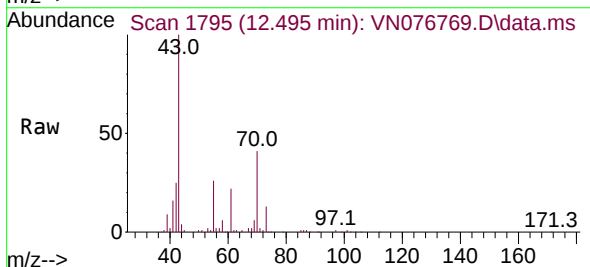
Manual Integrations
APPROVED

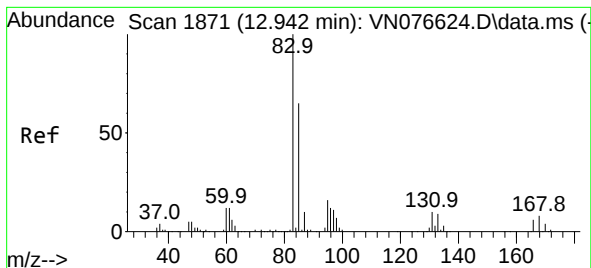
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#74
N-ethyl acetate
Concen: 19.365 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Tgt Ion: 43 Resp: 136994
Ion Ratio Lower Upper
43 100
70 40.1 30.5 45.7
55 24.9 17.8 26.8
61 23.4 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.665 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

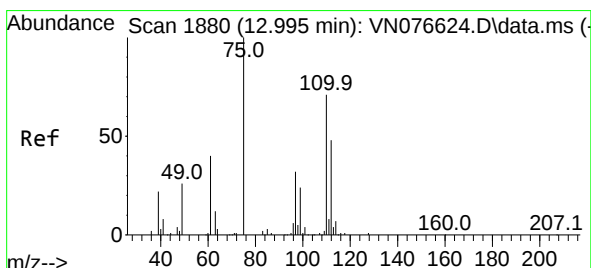
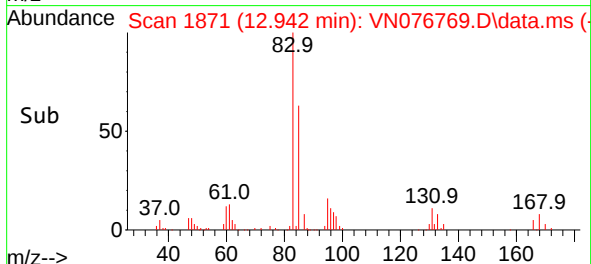
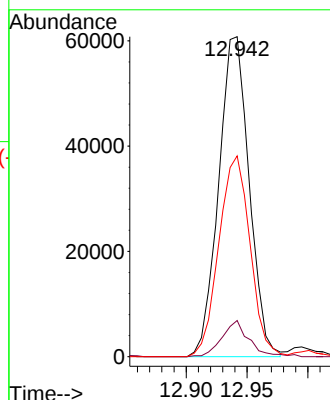
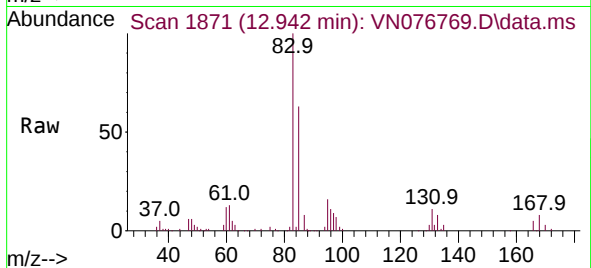
Tgt Ion: 83 Resp: 106030
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.0 15.0
 85 64.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#76

1,2,3-Trichloropropane

Concen: 21.689 ug/l m

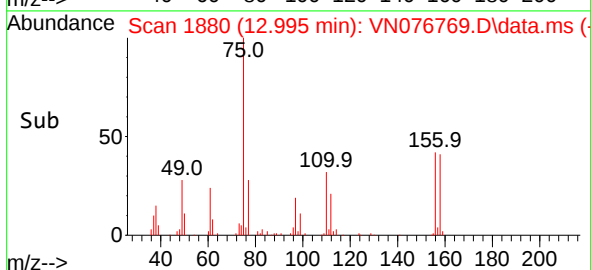
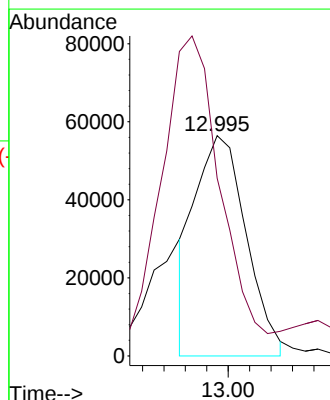
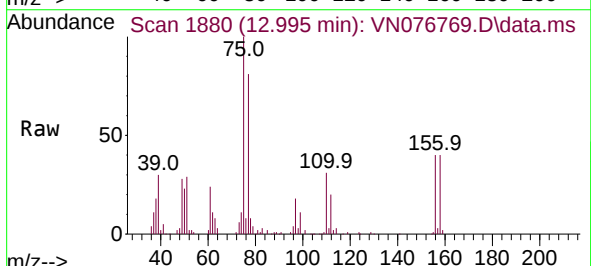
RT: 12.995 min Scan# 1880

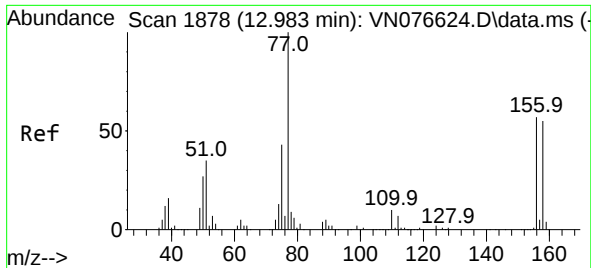
Delta R.T. -0.000 min

Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

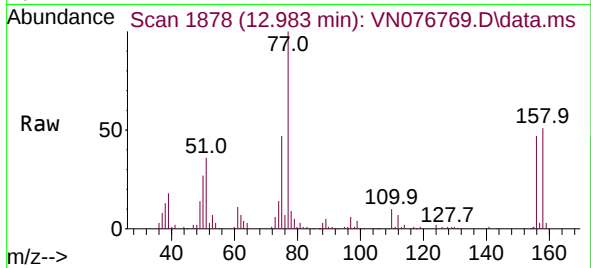
Tgt Ion: 75 Resp: 93893
 Ion Ratio Lower Upper
 75 100
 77 171.6 93.1 279.3





#77
Bromobenzene
Concen: 17.830 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

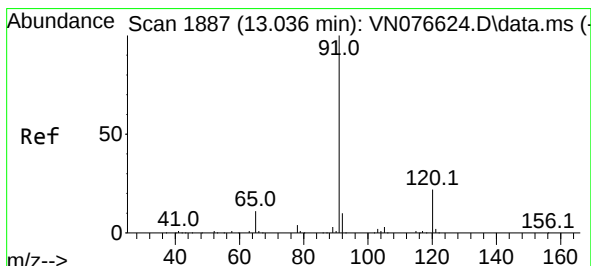
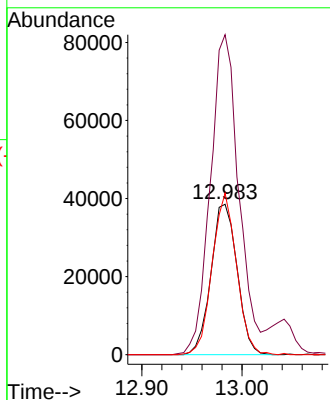
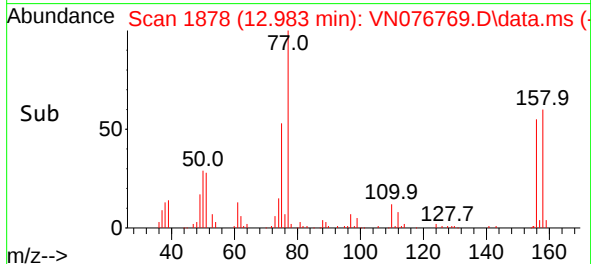
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion:156 Resp: 6981
Ion Ratio Lower Upper
156 100
77 230.8 102.8 308.4
158 100.0 48.9 146.6

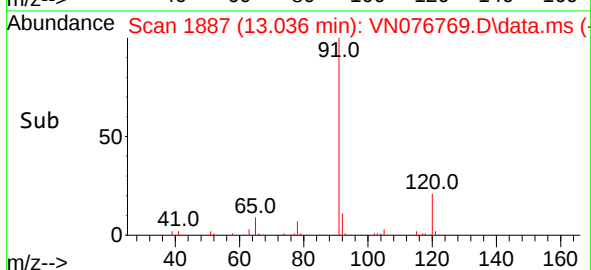
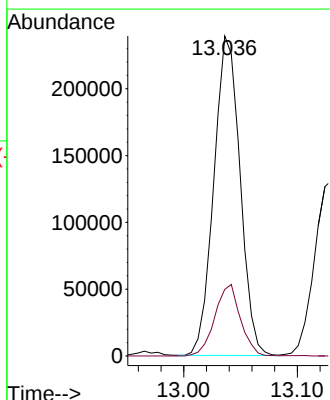
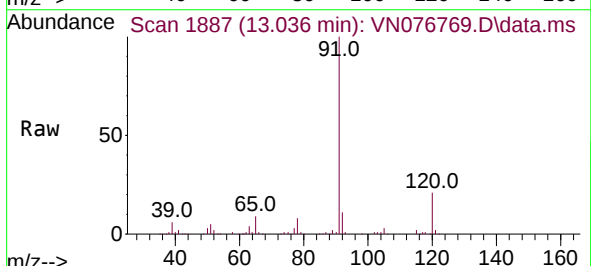
Manual Integrations
APPROVED

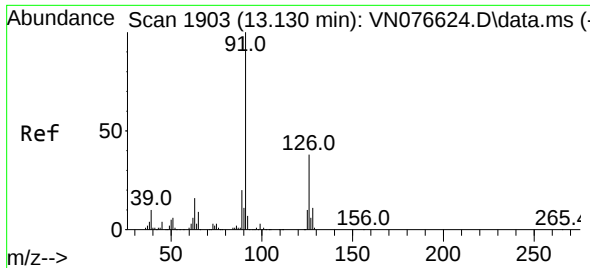
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#78
n-propylbenzene
Concen: 20.799 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Tgt Ion: 91 Resp: 383320
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.5





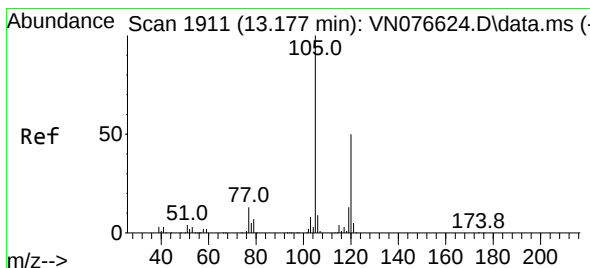
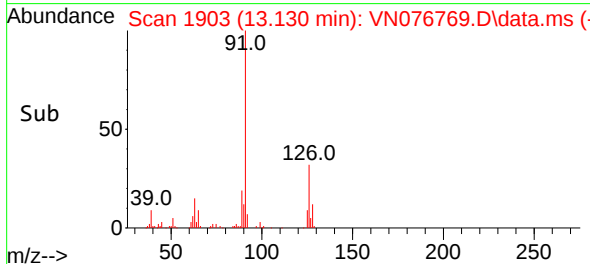
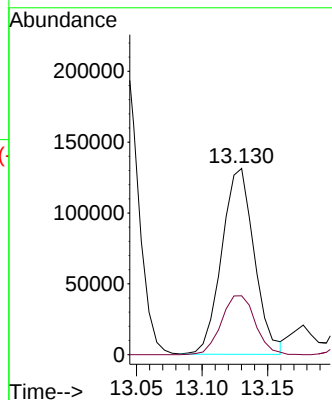
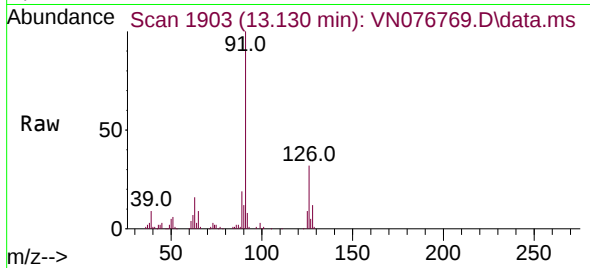
#79
2-Chlorotoluene
Concen: 20.095 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion: 91 Resp: 226754
Ion Ratio Lower Upper
91 100
126 33.0 17.7 53.1

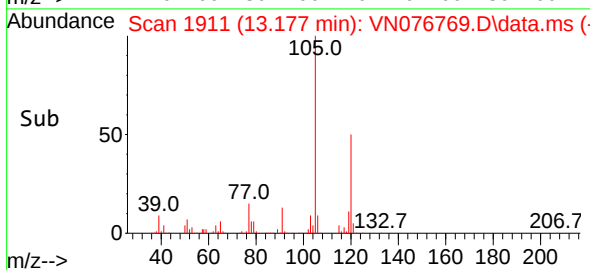
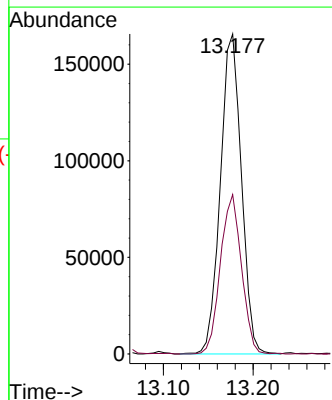
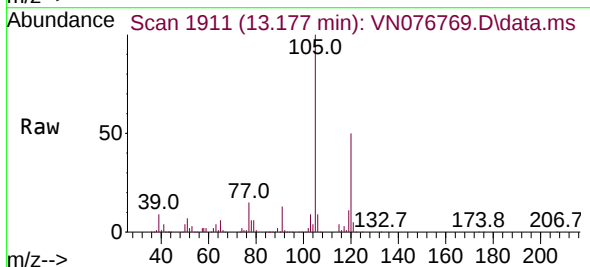
Manual Integrations
APPROVED

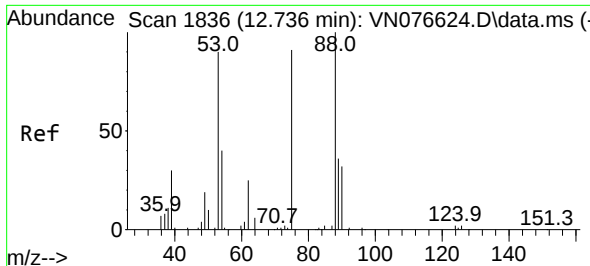
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.785 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

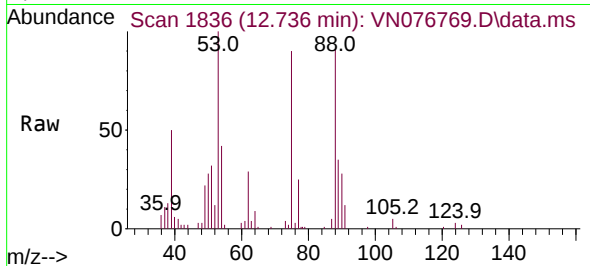
Tgt Ion:105 Resp: 269592
Ion Ratio Lower Upper
105 100
120 49.9 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 18.964 ug/l m
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

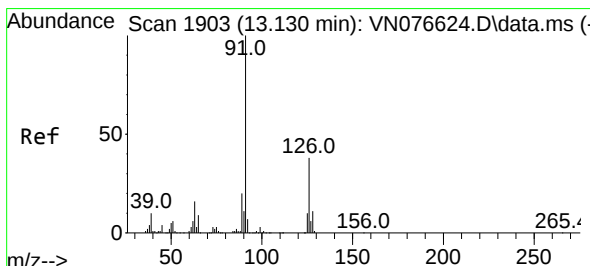
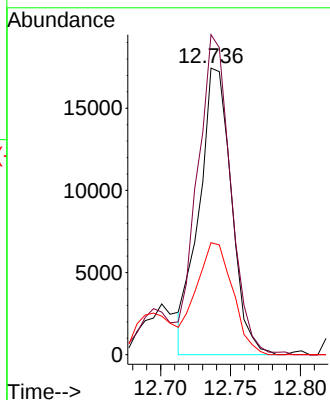
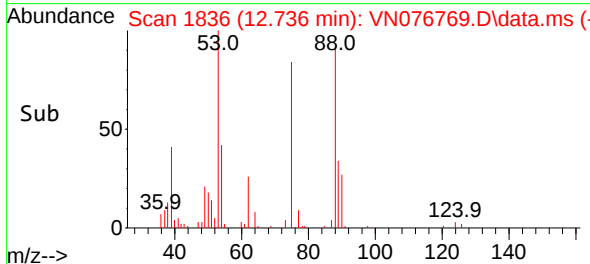
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion: 75 Resp: 2818
Ion Ratio Lower Upper
75 100
53 116.2 92.1 138.1
89 44.5 37.5 56.3

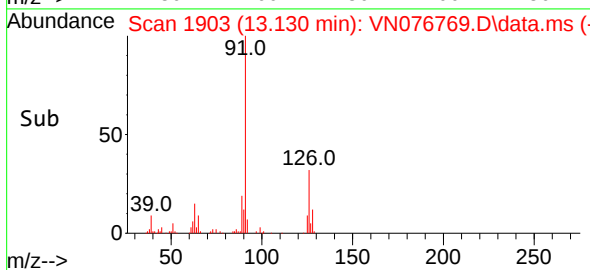
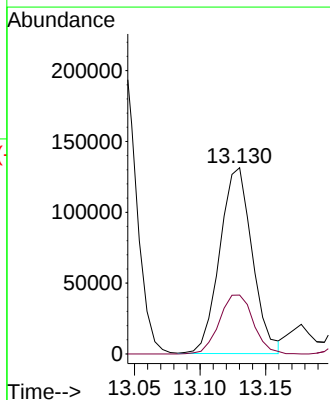
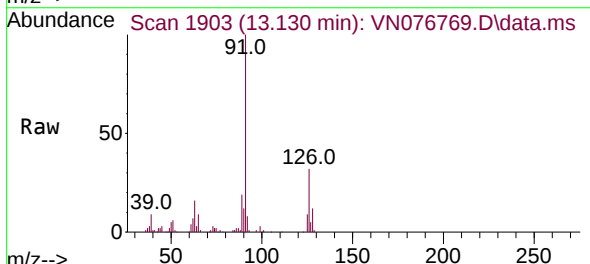
Manual Integrations
APPROVED

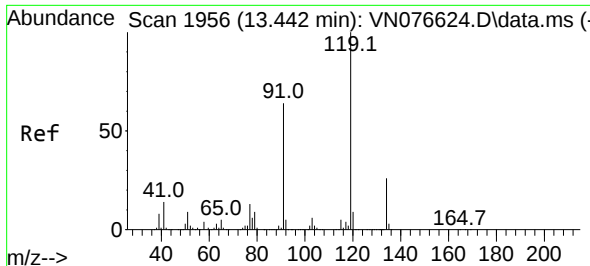
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#82
4-Chlorotoluene
Concen: 20.095 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Tgt Ion: 91 Resp: 226754
Ion Ratio Lower Upper
91 100
126 33.0 17.7 53.1





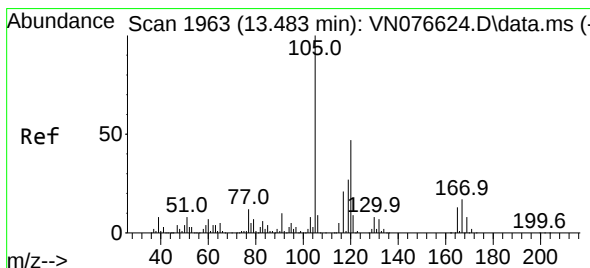
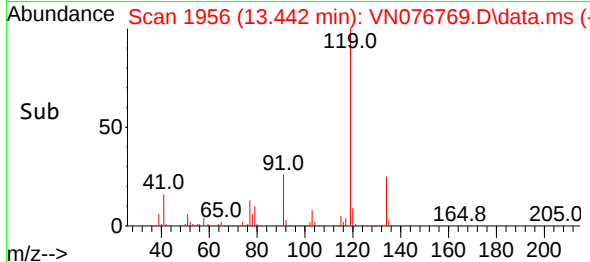
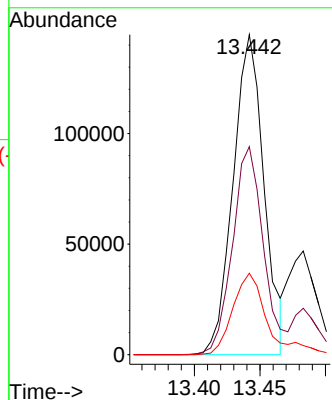
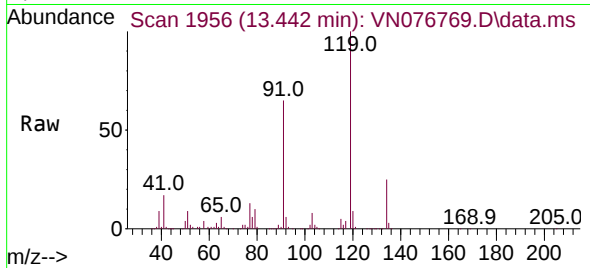
#83
tert-Butylbenzene
Concen: 20.208 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Instrument : MSVOA_N
ClientSampleId : VN0222WBS01

Tgt Ion:119 Resp: 237112
Ion Ratio Lower Upper
119 100
91 65.6 32.0 96.2
134 28.4 13.8 41.4

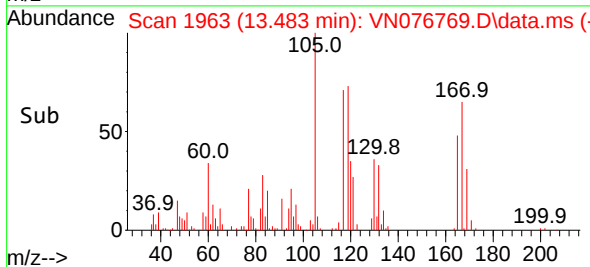
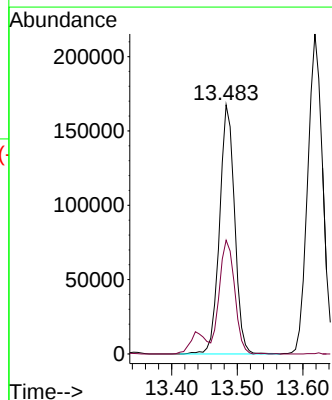
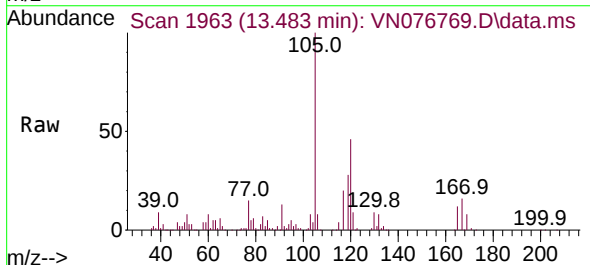
Manual Integrations
APPROVED

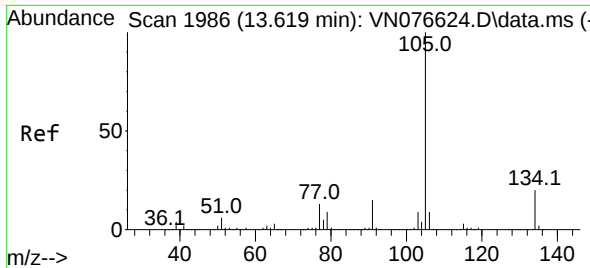
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.579 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

Tgt Ion:105 Resp: 266019
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0





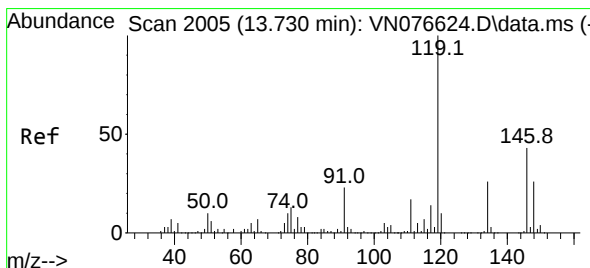
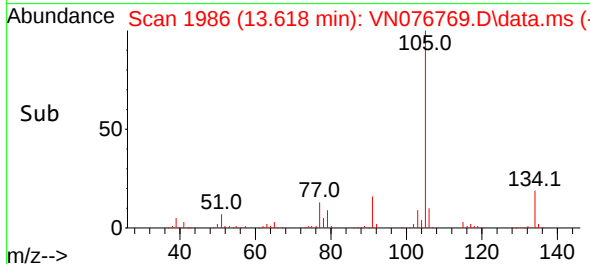
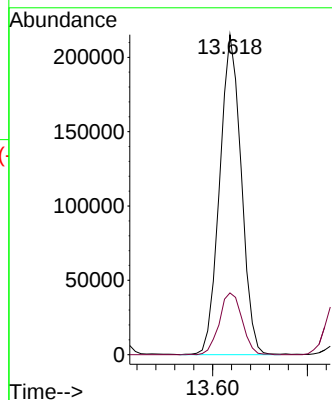
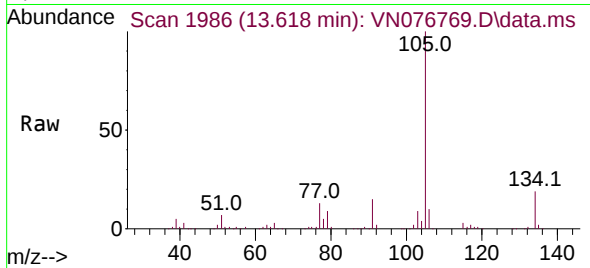
#85
 sec-Butylbenzene
 Concen: 20.800 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076769.D
 Acq: 22 Feb 2023 14:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBS01

Tgt Ion:105 Resp: 340745
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.5 31.5

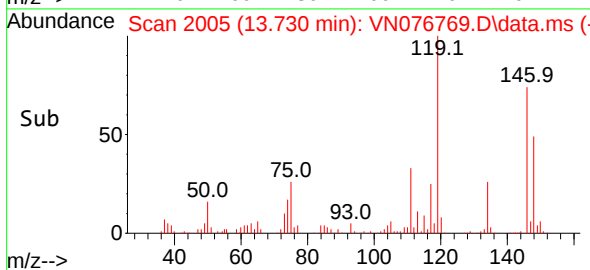
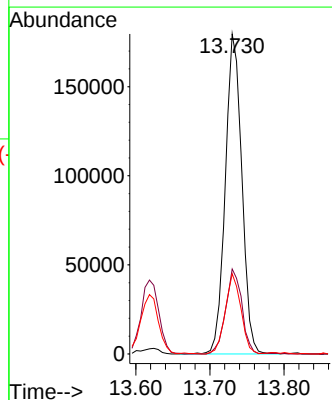
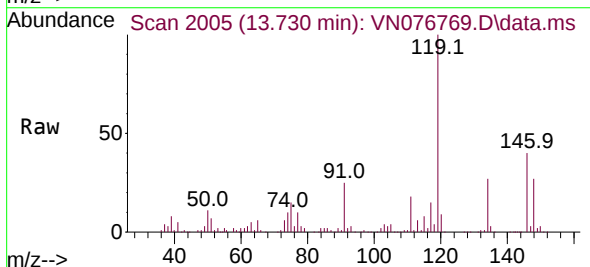
Manual Integrations
 APPROVED

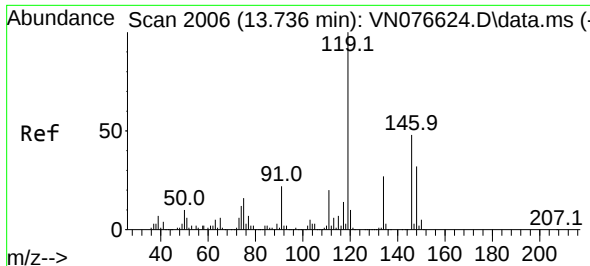
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#86
 p-Isopropyltoluene
 Concen: 21.259 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076769.D
 Acq: 22 Feb 2023 14:19

Tgt Ion:119 Resp: 278104
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.4 40.1
 91 23.8 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 18.971 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

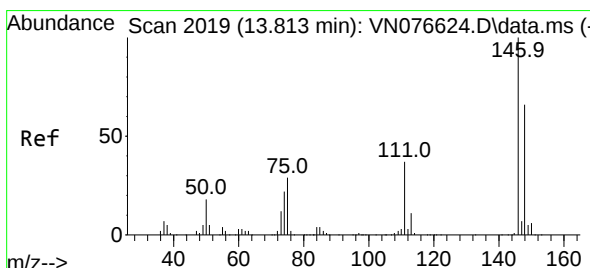
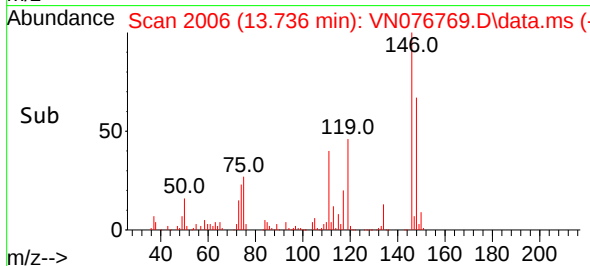
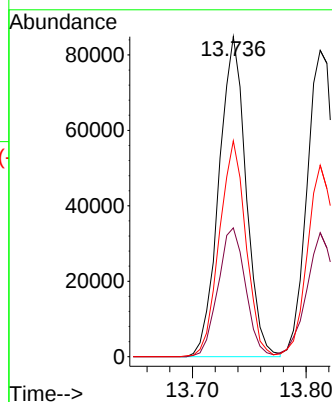
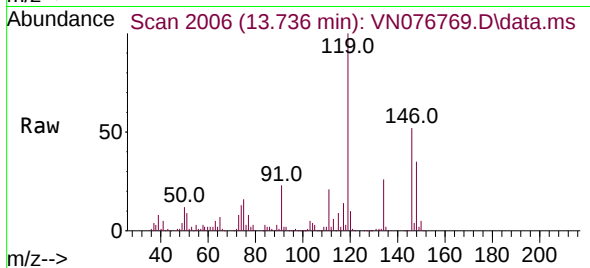
Tgt Ion:146 Resp: 140425
Ion Ratio Lower Upper
146 100
111 40.8 19.8 59.4
148 66.0 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#88

1,4-Dichlorobenzene

Concen: 19.133 ug/l

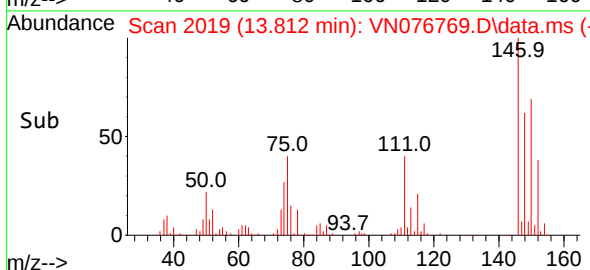
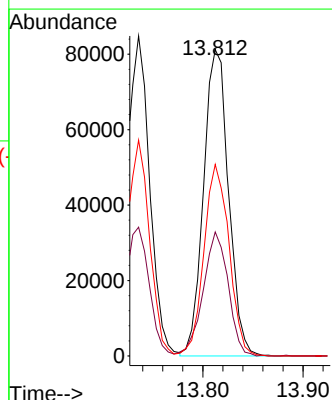
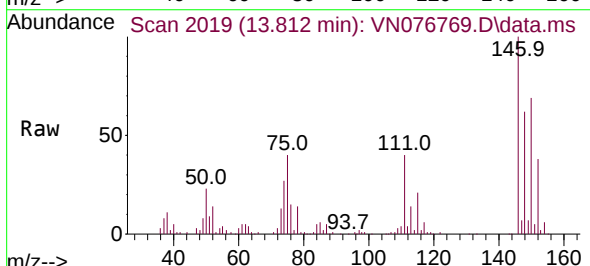
RT: 13.812 min Scan# 2019

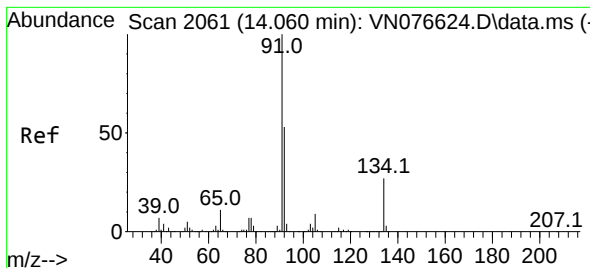
Delta R.T. -0.001 min

Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

Tgt Ion:146 Resp: 141032
Ion Ratio Lower Upper
146 100
111 40.5 19.4 58.1
148 62.9 32.7 98.1





#89

n-Butylbenzene

Concen: 20.021 ug/l

RT: 14.059 min Scan# 2061

Delta R.T. -0.001 min

Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion: 91 Resp: 227798

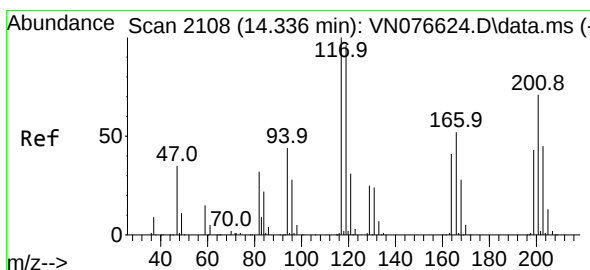
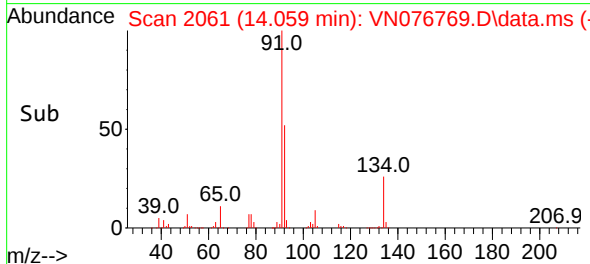
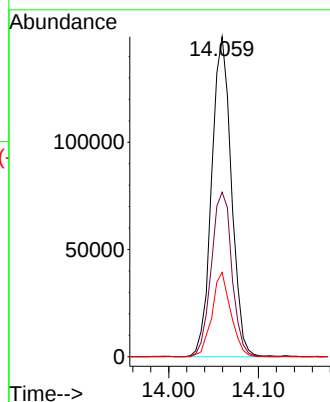
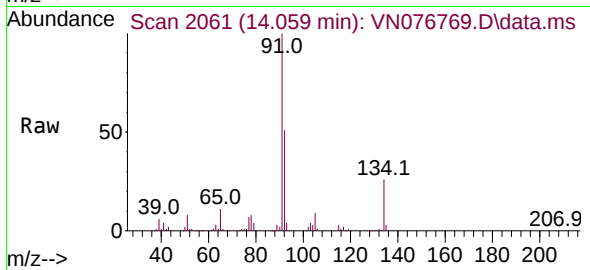
Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.4	79.0
134	25.2	13.2	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#90

Hexachloroethane

Concen: 19.404 ug/l

RT: 14.336 min Scan# 2108

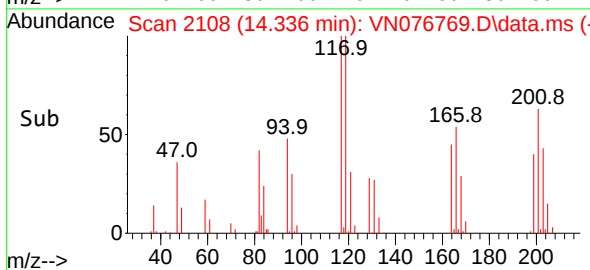
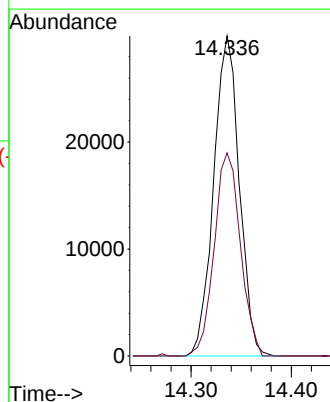
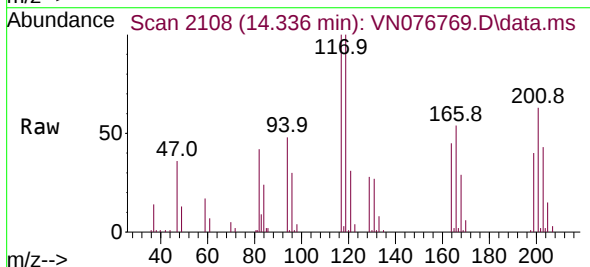
Delta R.T. -0.000 min

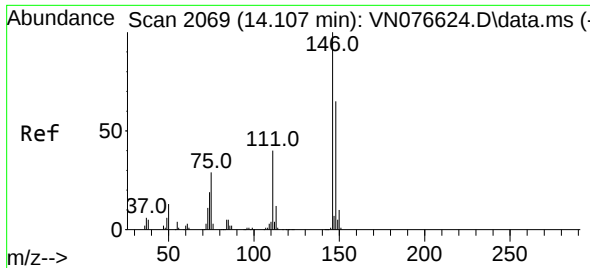
Lab File: VN076769.D

Acq: 22 Feb 2023 14:19

Tgt Ion:117 Resp: 53148

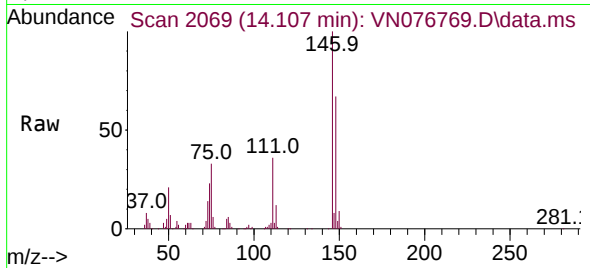
Ion	Ratio	Lower	Upper
117	100		
201	64.8	35.5	106.7





#91
1,2-Dichlorobenzene
Concen: 19.182 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

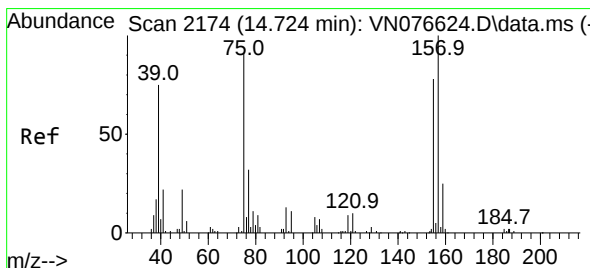
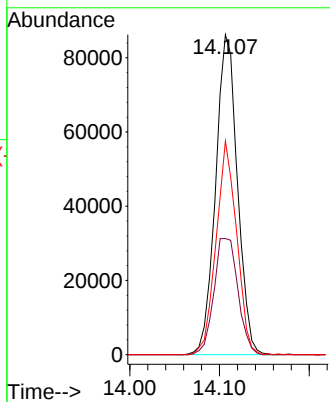
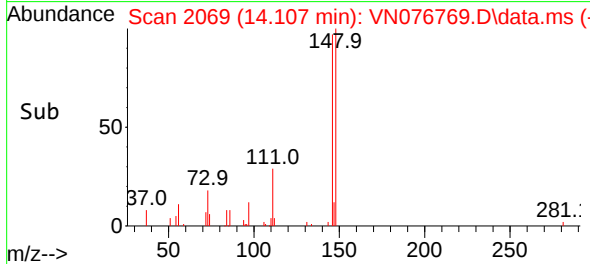
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion:146 Resp: 14555
Ion Ratio Lower Upper
146 100
111 40.1 20.0 59.9
148 63.0 32.4 97.2

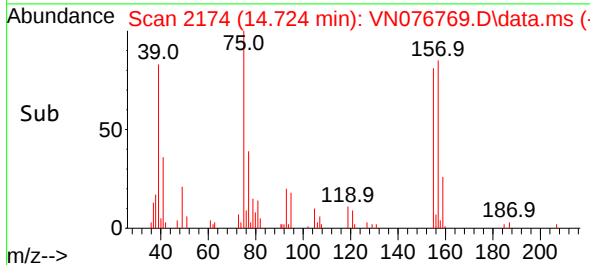
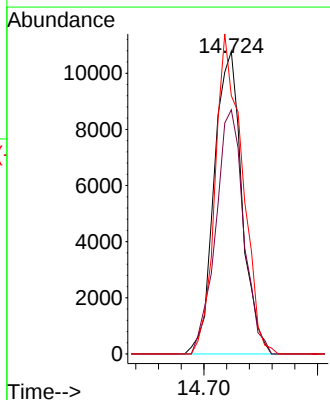
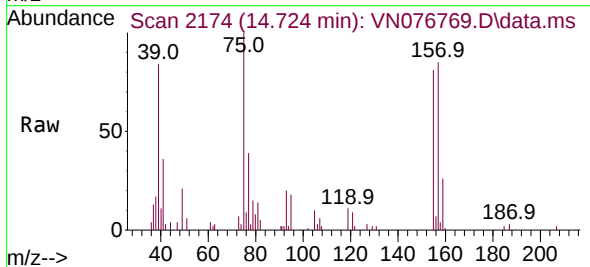
Manual Integrations
APPROVED

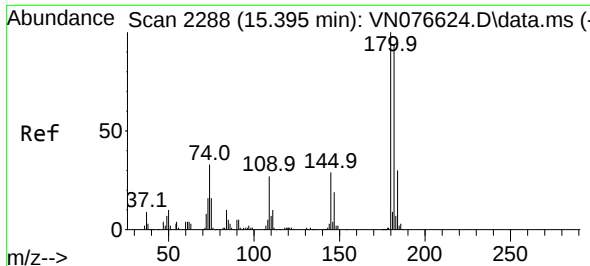
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.547 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

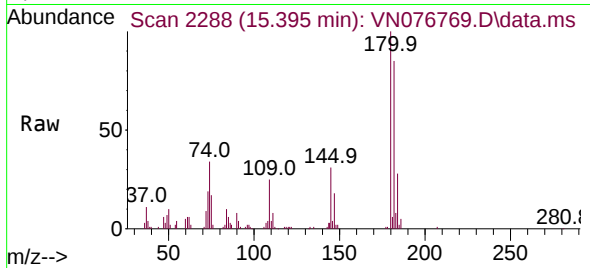
Tgt Ion: 75 Resp: 18212
Ion Ratio Lower Upper
75 100
155 81.8 43.4 130.2
157 103.6 55.2 165.6





#93
1,2,4-Trichlorobenzene
Concen: 17.522 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19

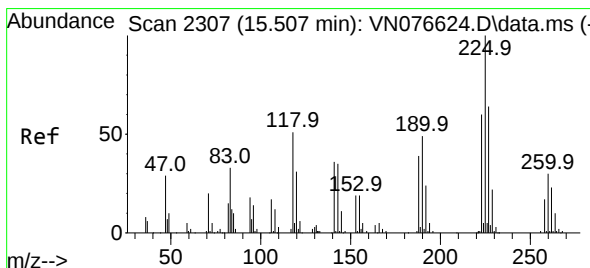
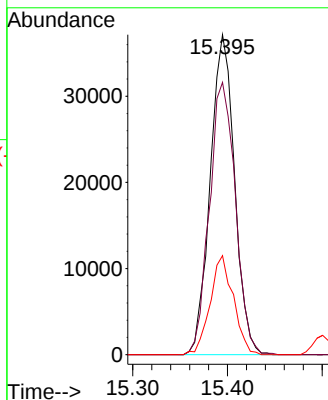
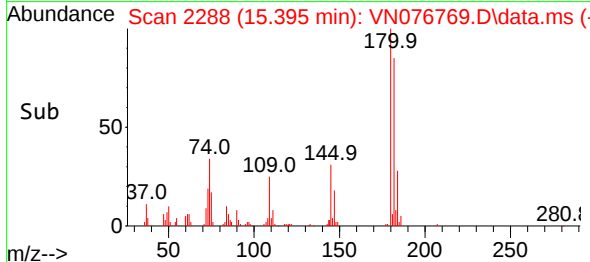
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



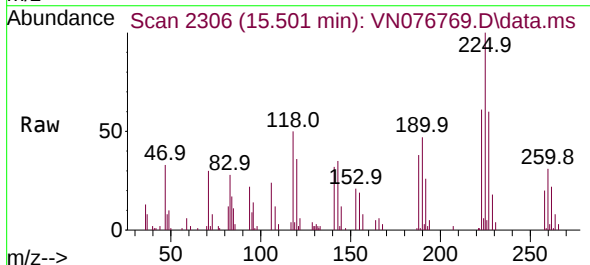
Tgt Ion:180 Resp: 66324
Ion Ratio Lower Upper
180 100
182 90.8 48.0 144.0
145 29.6 15.2 45.6

Manual Integrations
APPROVED

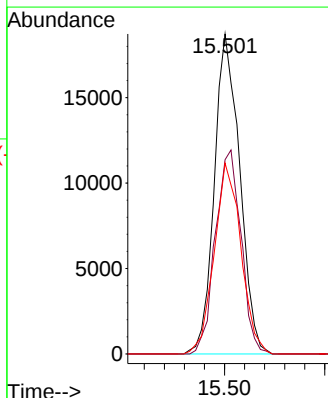
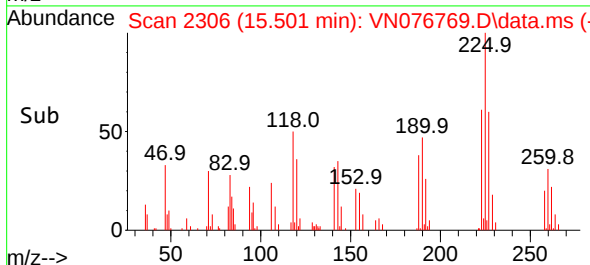
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

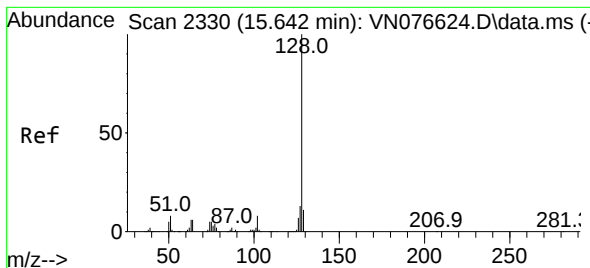


#94
Hexachlorobutadiene
Concen: 17.725 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VN076769.D
Acq: 22 Feb 2023 14:19



Tgt Ion:225 Resp: 32883
Ion Ratio Lower Upper
225 100
223 64.3 31.6 95.0
227 62.7 31.3 93.9





#95

Naphthalene

Concen: 17.833 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN076769.D

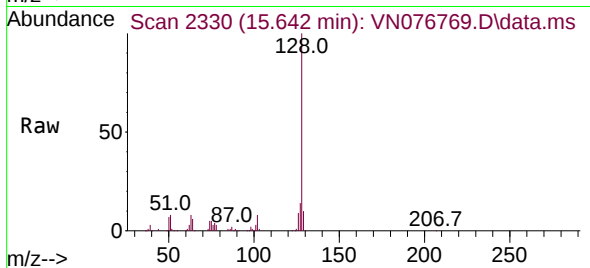
Acq: 22 Feb 2023 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01



Tgt Ion:128 Resp: 204838

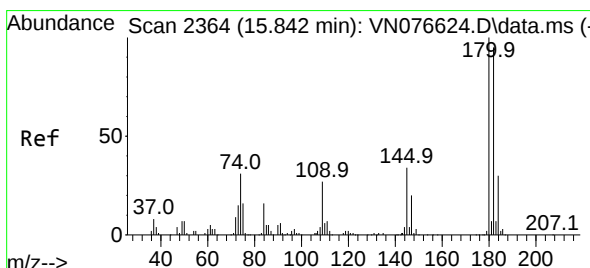
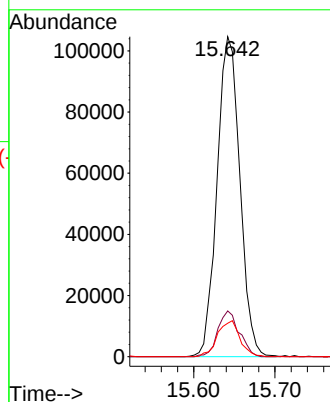
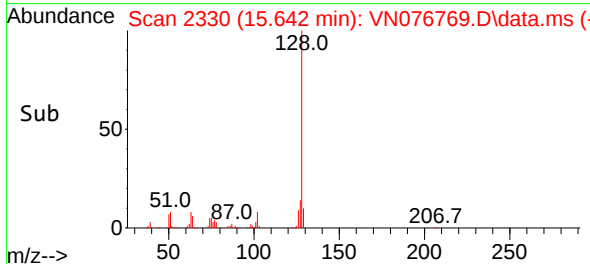
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	11.1	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#96

1,2,3-Trichlorobenzene

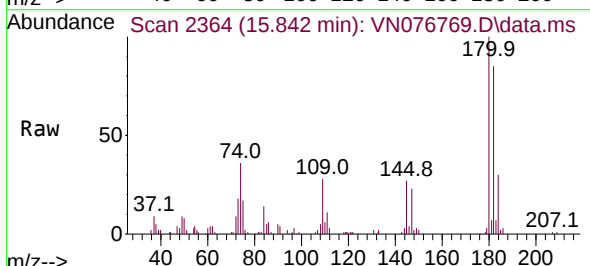
Concen: 18.441 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN076769.D

Acq: 22 Feb 2023 14:19



Tgt Ion:180 Resp: 67629

Ion	Ratio	Lower	Upper
180	100		
182	91.0	46.7	140.1
145	33.3	16.0	47.9

