

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
 Data File : VN076751.D
 Acq On : 21 Feb 2023 15:21
 Operator : JC\MD
 Sample : VN0221WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2023
 Supervised By : Mahesh Dadoda 02/22/2023

Quant Time: Feb 22 04:11:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	245745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	441834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	422196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	204843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	204703	60.324	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.640%			
35) Dibromofluoromethane	8.172	113	154841	53.514	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.020%			
50) Toluene-d8	10.571	98	604425	55.935	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.860%			
62) 4-Bromofluorobenzene	12.848	95	207634	58.015	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	50318	19.283	ug/l	99
3) Chloromethane	2.378	50	65364	19.200	ug/l	96
4) Vinyl Chloride	2.531	62	67119	20.032	ug/l	100
5) Bromomethane	2.966	94	45952	22.634	ug/l	99
6) Chloroethane	3.131	64	46337	21.883	ug/l	89
7) Trichlorofluoromethane	3.513	101	82716	18.144	ug/l	99
8) Diethyl Ether	3.978	74	36319	20.675	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	53124	19.832	ug/l	98
10) Methyl Iodide	4.601	142	67434	20.385	ug/l	91
11) Tert butyl alcohol	5.531	59	50723	113.243	ug/l	100
12) 1,1-Dichloroethene	4.342	96	49584	19.548	ug/l	90
13) Acrolein	4.184	56	59513	88.501	ug/l	95
14) Allyl chloride	5.037	41	85753	19.511	ug/l	97
15) Acrylonitrile	5.731	53	176955	111.319	ug/l	98
16) Acetone	4.437	43	144545	95.360	ug/l	93
17) Carbon Disulfide	4.725	76	117969	17.615	ug/l	97
18) Methyl Acetate	5.037	43	109063	22.043	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	186864	21.851	ug/l	97
20) Methylene Chloride	5.289	84	65687	20.677	ug/l	95
21) trans-1,2-Dichloroethene	5.801	96	55000	19.262	ug/l	93
22) Diisopropyl ether	6.683	45	226793	22.001	ug/l	96
23) Vinyl Acetate	6.613	43	729002	119.525	ug/l	100
24) 1,1-Dichloroethane	6.578	63	116061	20.543	ug/l #	96
25) 2-Butanone	7.495	43	239637	107.177	ug/l	99
26) 2,2-Dichloropropane	7.501	77	84393	20.710	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	66343	19.590	ug/l	96
28) Bromochloromethane	7.819	49	67307	25.031	ug/l	89
29) Tetrahydrofuran	7.848	42	165640	113.388	ug/l	95
30) Chloroform	7.978	83	114142	20.221	ug/l	96
31) Cyclohexane	8.266	56	102986	19.347	ug/l	96
32) 1,1,1-Trichloroethane	8.172	97	95775	20.180	ug/l	93
36) 1,1-Dichloropropene	8.372	75	81772	19.560	ug/l	98
37) Ethyl Acetate	7.566	43	96458	21.929	ug/l	98
38) Carbon Tetrachloride	8.372	117	78403	18.591	ug/l	96
39) Methylcyclohexane	9.607	83	94467	19.879	ug/l	94
40) Benzene	8.613	78	262908	20.478	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	50447	19.797	ug/l	89
42) 1,2-Dichloroethane	8.672	62	93989	20.991	ug/l	98
43) Isopropyl Acetate	8.689	43	163078	22.784	ug/l	96
44) Trichloroethene	9.354	130	59978	19.770	ug/l	98
45) 1,2-Dichloropropane	9.624	63	69751	20.524	ug/l	92
46) Dibromomethane	9.713	93	47183	21.716	ug/l	92
47) Bromodichloromethane	9.889	83	91953	21.109	ug/l	92
48) Methyl methacrylate	9.683	41	75135	22.122	ug/l	96
49) 1,4-Dioxane	9.695	88	25865	440.245	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	519959	114.178	ug/l	97
52) Toluene	10.630	92	166162	21.437	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	92559	22.014	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	99032	20.420	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	66763	21.182	ug/l #	89
56) Ethyl methacrylate	10.877	69	96239	21.693	ug/l	93
57) 1,3-Dichloropropane	11.166	76	117021	21.611	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	240960	118.595	ug/l	98
59) 2-Hexanone	11.195	43	370098	112.713	ug/l	99
60) Dibromochloromethane	11.360	129	67717	20.386	ug/l	97
61) 1,2-Dibromoethane	11.471	107	64527	20.454	ug/l	94
64) Tetrachloroethene	11.107	164	46556	17.498	ug/l	96
65) Chlorobenzene	11.895	112	168131	18.791	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	64848	19.953	ug/l	97
67) Ethyl Benzene	11.965	91	306300	20.094	ug/l	99
68) m/p-Xylenes	12.077	106	238868	40.653	ug/l	93
69) o-Xylene	12.401	106	117262	20.463	ug/l	99
70) Styrene	12.413	104	191168	20.630	ug/l	99
71) Bromoform	12.577	173	45798	19.211	ug/l #	98
73) Isopropylbenzene	12.701	105	306106	20.388	ug/l	98
74) N-amyl acetate	12.495	43	136635	20.190	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	109563	20.160	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	93000m	22.456	ug/l	
77) Bromobenzene	12.989	156	70753	18.888	ug/l	90
78) n-propylbenzene	13.042	91	370975	21.041	ug/l	97
79) 2-Chlorotoluene	13.130	91	217070	20.108	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	257386	20.743	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	32493	22.852	ug/l #	85
82) 4-Chlorotoluene	13.130	91	217070	20.108	ug/l	97
83) tert-Butylbenzene	13.442	119	220123	19.610	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	265628	21.480	ug/l	98
85) sec-Butylbenzene	13.618	105	330193	21.069	ug/l	98
86) p-Isopropyltoluene	13.730	119	261964	20.933	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	140567	19.851	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	136938	19.420	ug/l	97
89) n-Butylbenzene	14.059	91	222784	20.468	ug/l	97
90) Hexachloroethane	14.336	117	48912	18.667	ug/l	95
91) 1,2-Dichlorobenzene	14.107	146	140549	19.361	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	18106	17.196	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	65944	18.211	ug/l	99
94) Hexachlorobutadiene	15.506	225	33313	18.770	ug/l	96
95) Naphthalene	15.642	128	206840	18.823	ug/l	100
96) 1,2,3-Trichlorobenzene	15.848	180	64815	18.475	ug/l	97

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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

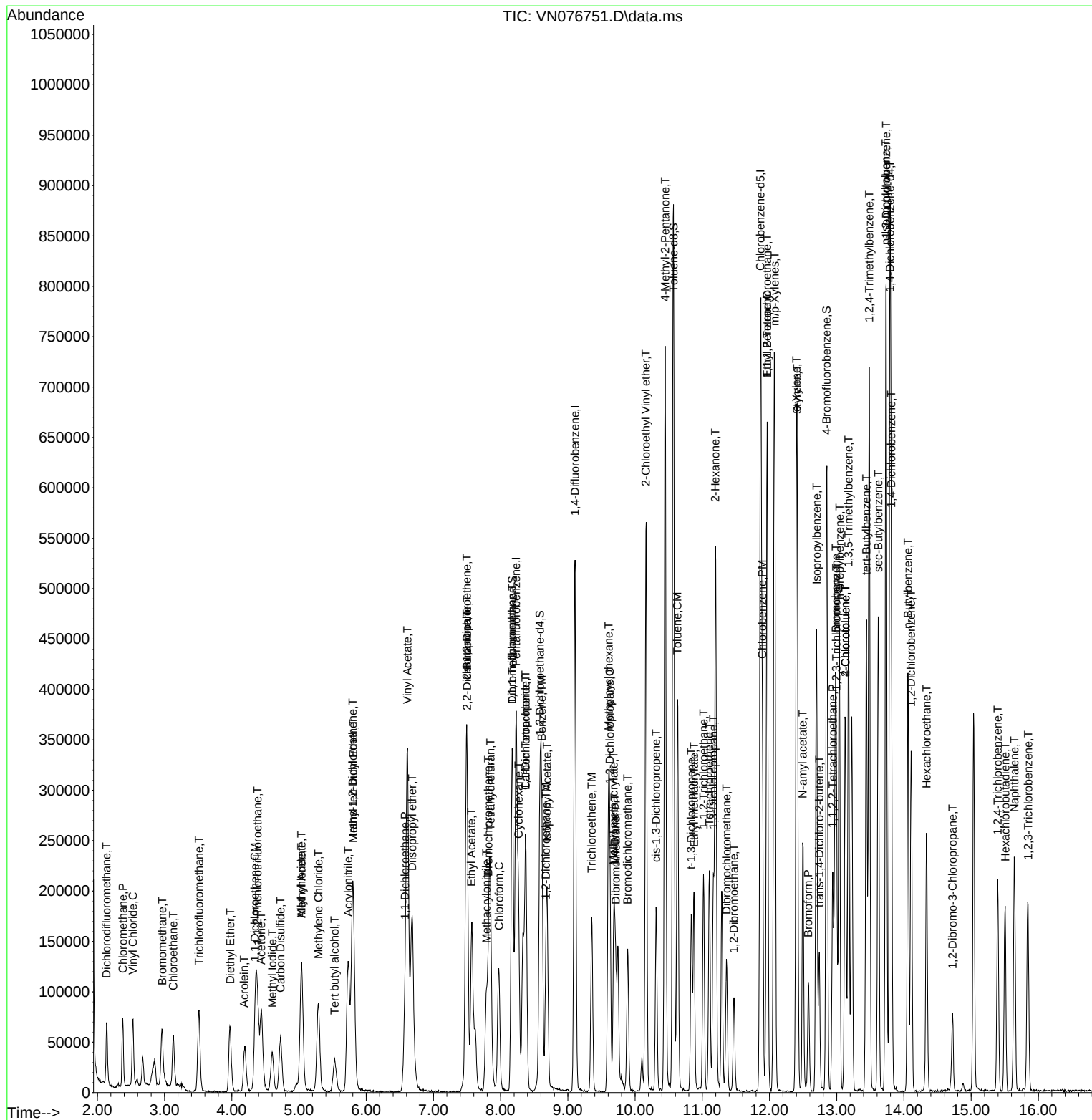
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
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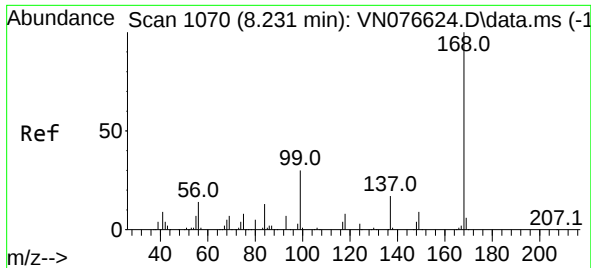
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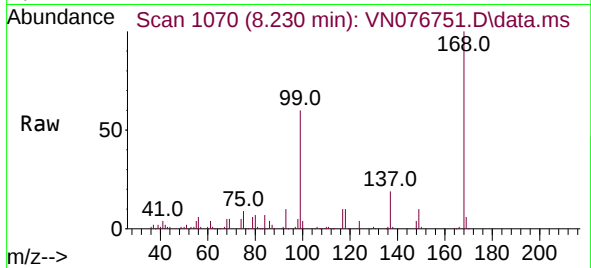
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
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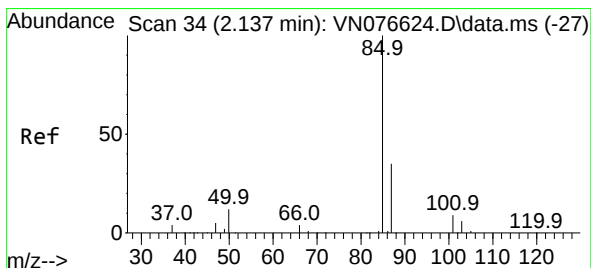
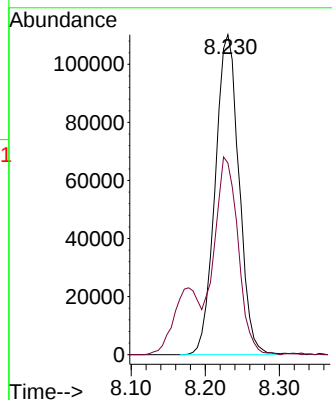
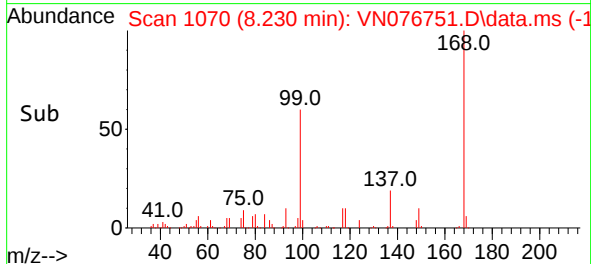
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Tgt Ion:168 Resp: 245749
Ion Ratio Lower Upper
168 100
99 59.9 44.8 67.2

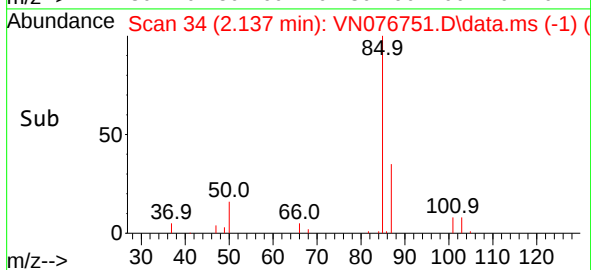
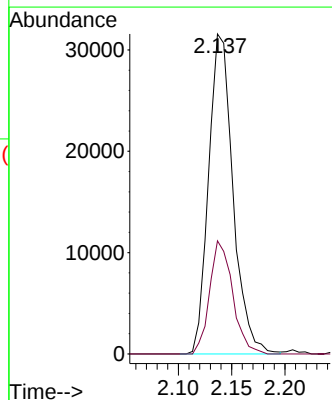
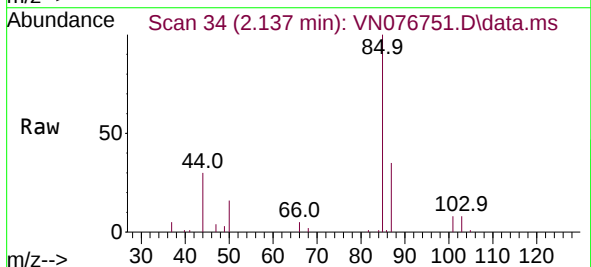
Manual Integrations
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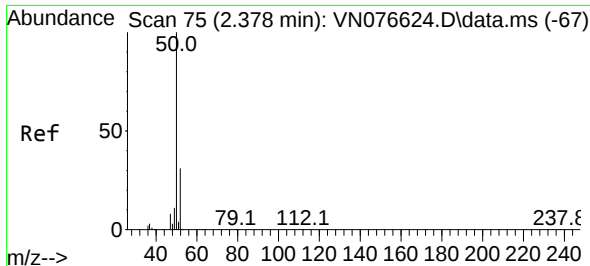
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#2
Dichlorodifluoromethane
Concen: 19.283 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076751.D
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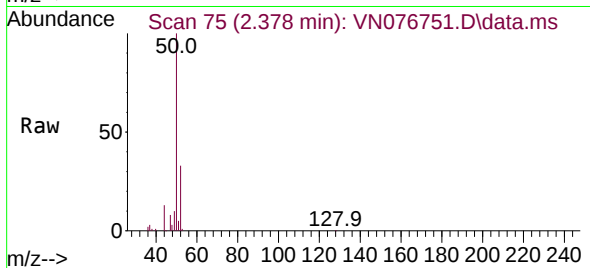
Tgt Ion: 85 Resp: 50318
Ion Ratio Lower Upper
85 100
87 35.3 17.4 52.2





#3
Chloromethane
Concen: 19.200 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

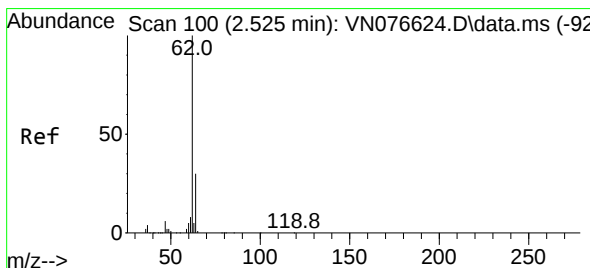
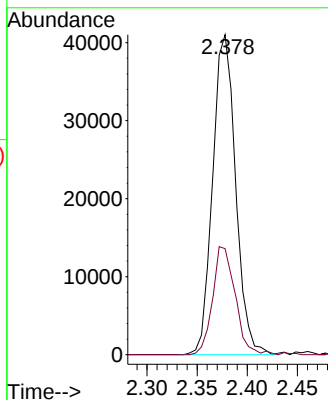
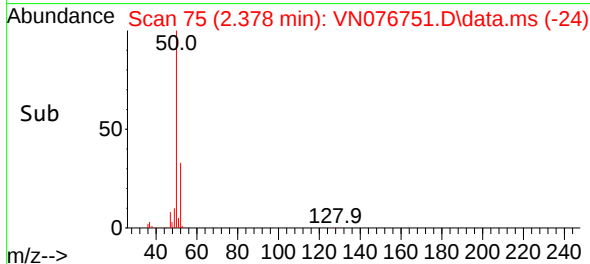
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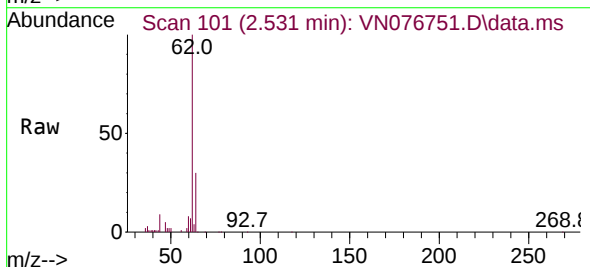
Tgt Ion: 50 Resp: 65364
Ion Ratio Lower Upper
50 100
52 33.2 24.7 37.1

Manual Integrations
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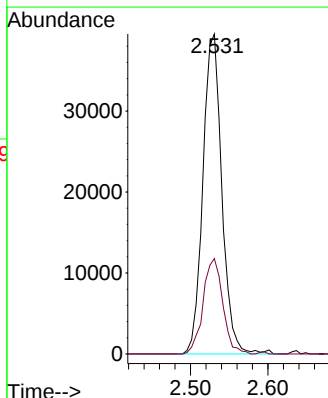
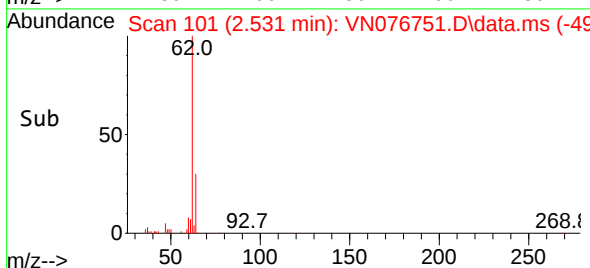
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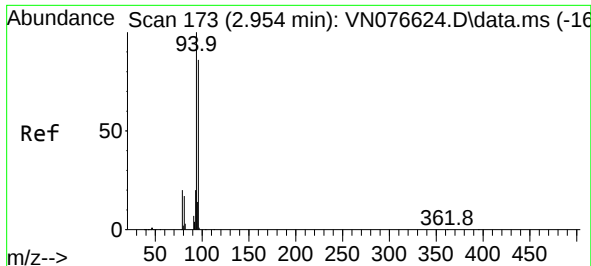


#4
Vinyl Chloride
Concen: 20.032 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21



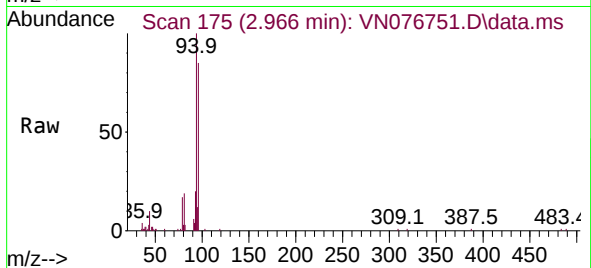
Tgt Ion: 62 Resp: 67119
Ion Ratio Lower Upper
62 100
64 29.8 23.9 35.9





#5
Bromomethane
Concen: 22.634 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

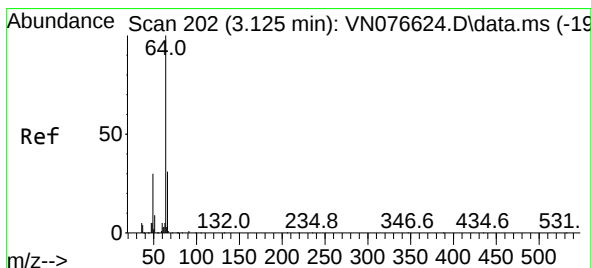
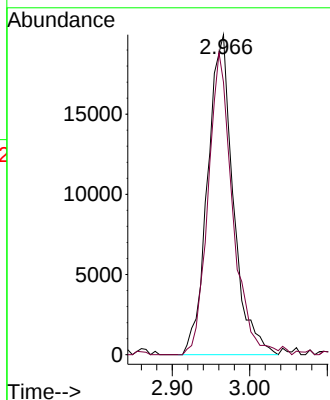
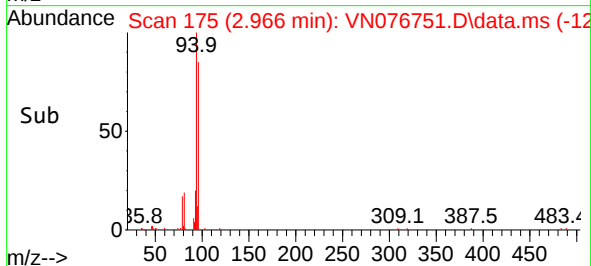
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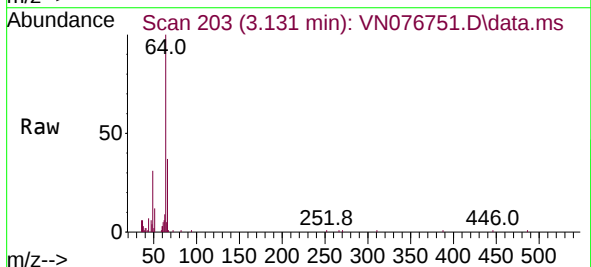
Tgt Ion: 94 Resp: 4595
Ion Ratio Lower Upper
94 100
96 85.1 69.0 103.4

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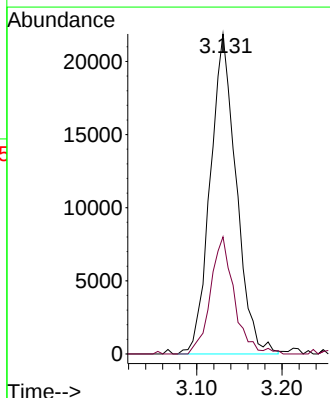
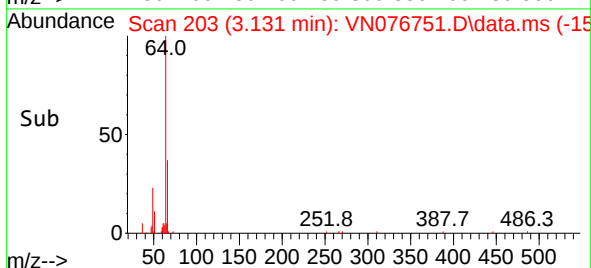
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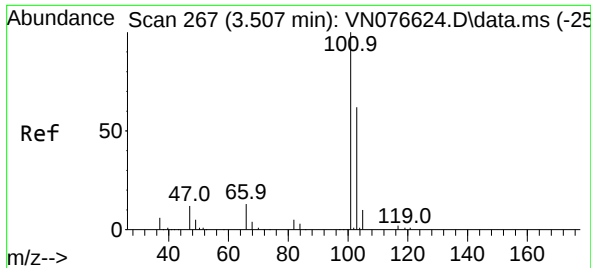


#6
Chloroethane
Concen: 21.883 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21



Tgt Ion: 64 Resp: 46337
Ion Ratio Lower Upper
64 100
66 36.6 24.6 37.0





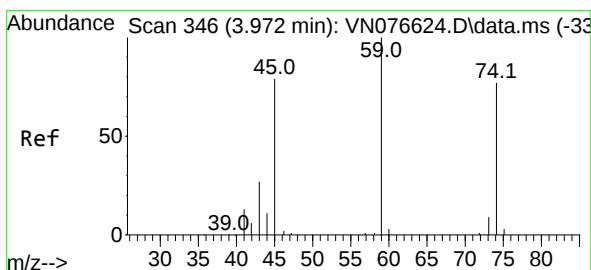
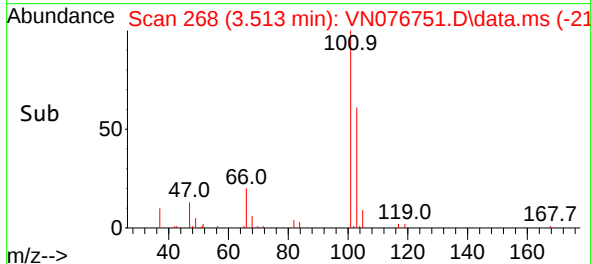
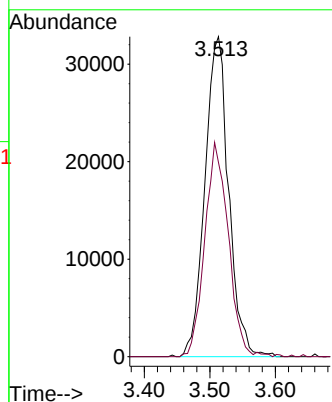
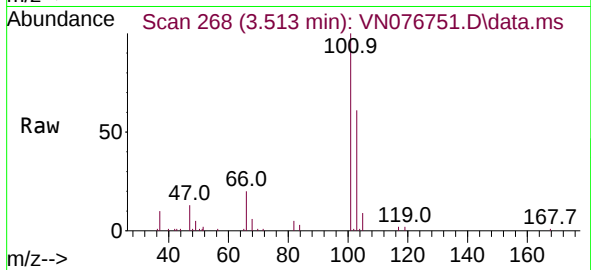
#7
 Trichlorofluoromethane
 Concen: 18.144 ug/l
 RT: 3.513 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN076751.D
 Acq: 21 Feb 2023 15:21

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Tgt Ion:101 Resp: 82710
 Ion Ratio Lower Upper
 101 100
 103 60.8 49.4 74.2

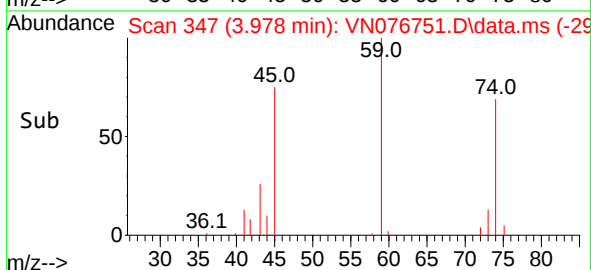
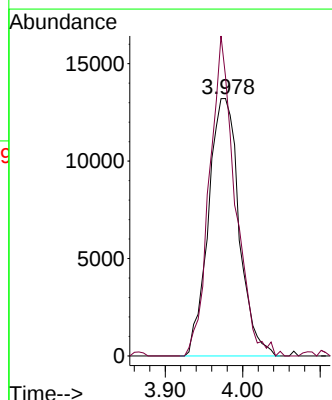
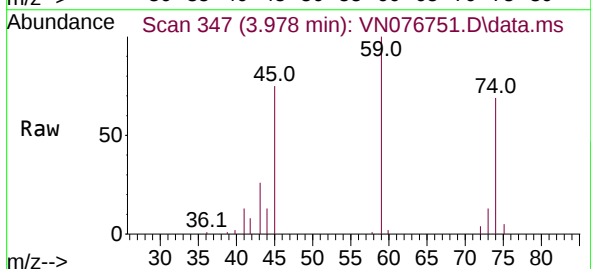
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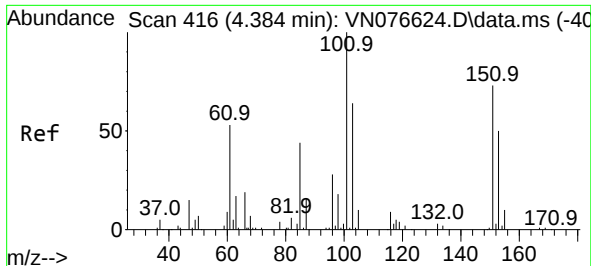
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#8
 Diethyl Ether
 Concen: 20.675 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN076751.D
 Acq: 21 Feb 2023 15:21

Tgt Ion: 74 Resp: 36319
 Ion Ratio Lower Upper
 74 100
 45 104.7 51.3 153.9





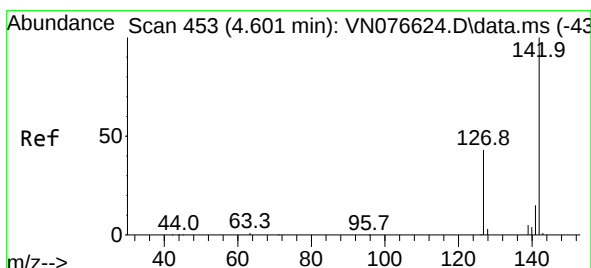
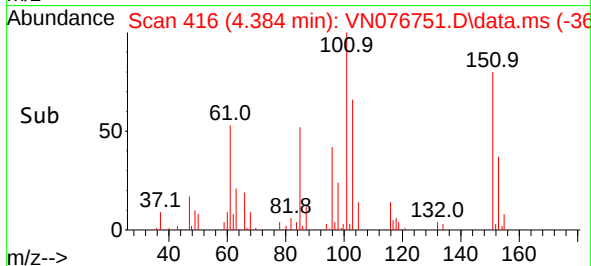
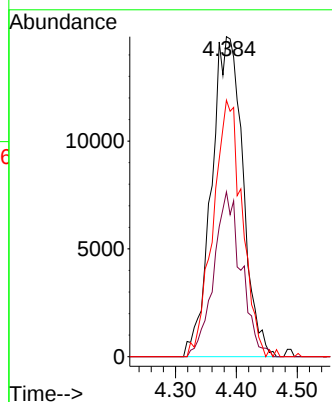
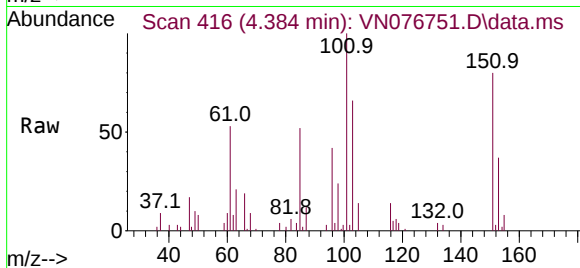
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.832 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion:101 Resp: 53124
Ion Ratio Lower Upper
101 100
85 45.2 37.4 56.0
151 74.6 58.7 88.1

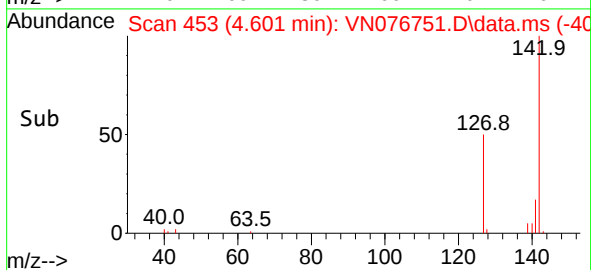
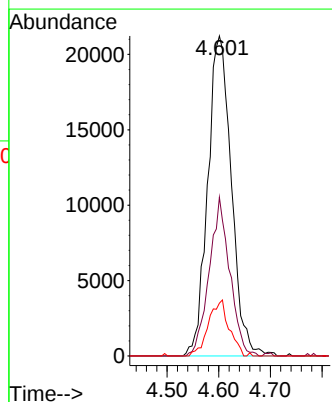
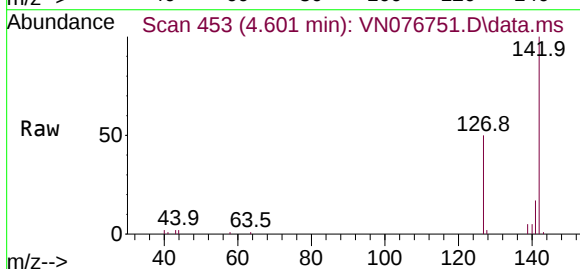
Manual Integrations
APPROVED

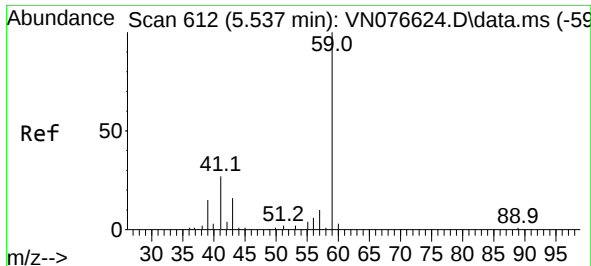
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#10
Methyl Iodide
Concen: 20.385 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

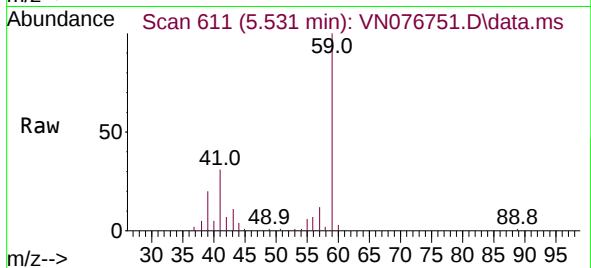
Tgt Ion:142 Resp: 67434
Ion Ratio Lower Upper
142 100
127 49.6 34.6 51.8
141 16.5 11.7 17.5





#11
Tert butyl alcohol
Concen: 113.243 ug/l
RT: 5.531 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

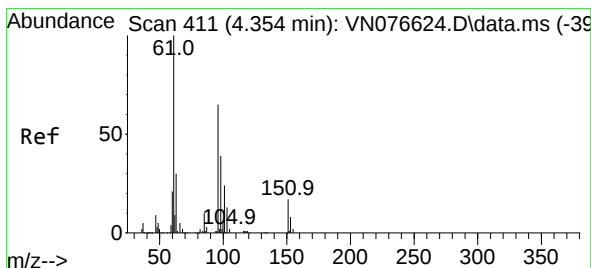
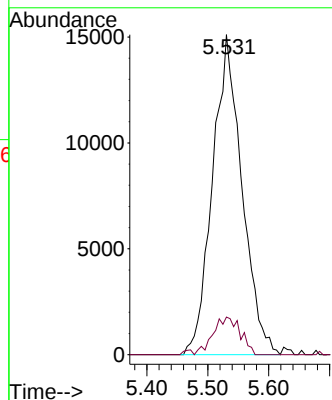
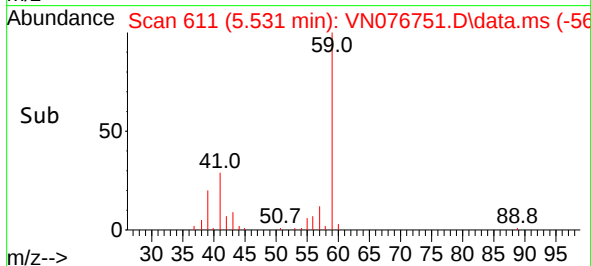
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



Tgt Ion: 59 Resp: 5072
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

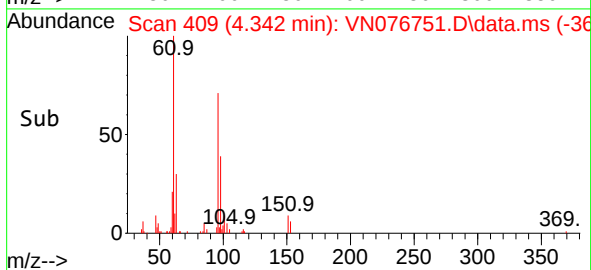
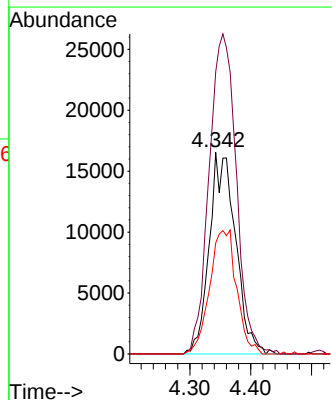
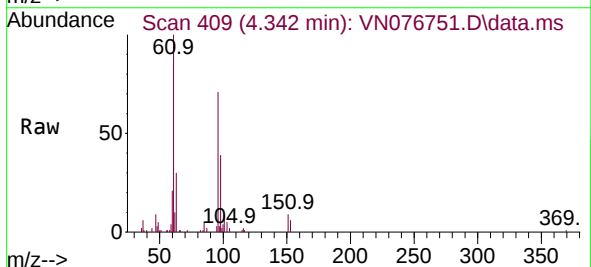
Manual Integrations
APPROVED

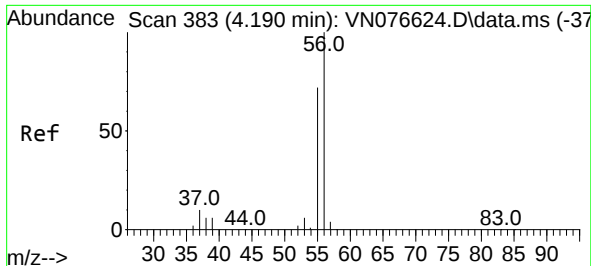
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#12
1,1-Dichloroethene
Concen: 19.548 ug/l
RT: 4.342 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

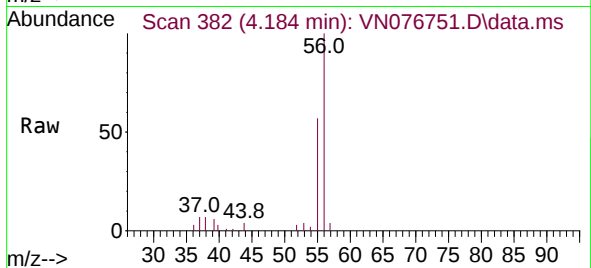
Tgt Ion: 96 Resp: 49584
Ion Ratio Lower Upper
96 100
61 139.9 123.8 185.6
98 55.1 48.4 72.6





#13
Acrolein
Concen: 88.501 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

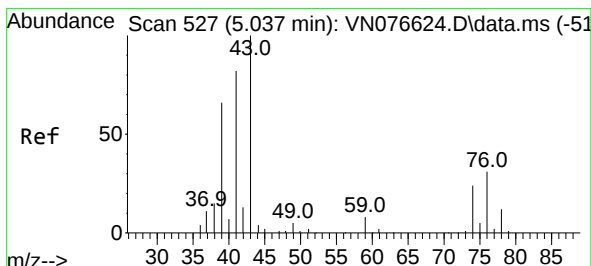
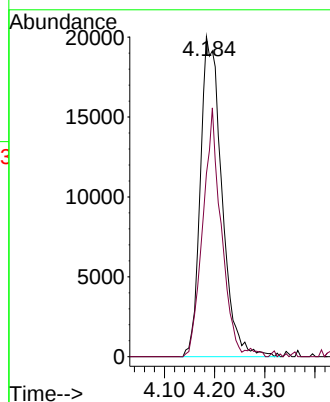
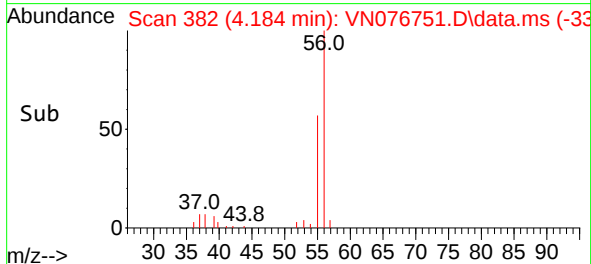
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



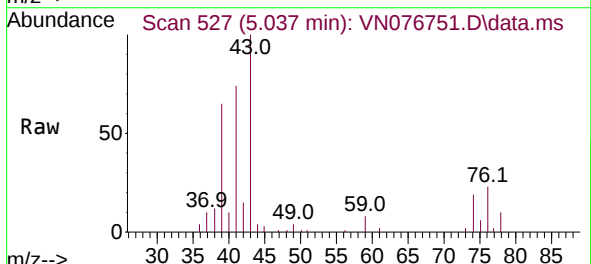
Tgt Ion: 56 Resp: 5951
Ion Ratio Lower Upper
56 100
55 66.2 56.3 84.5

Manual Integrations
APPROVED

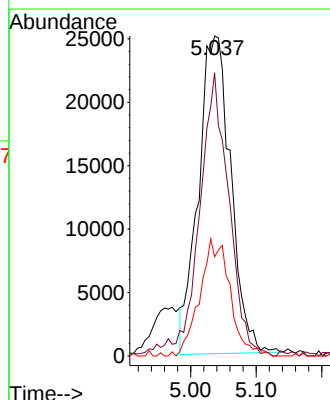
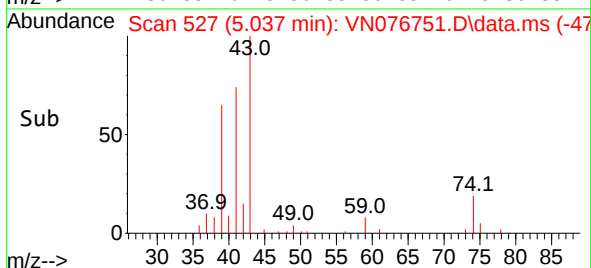
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

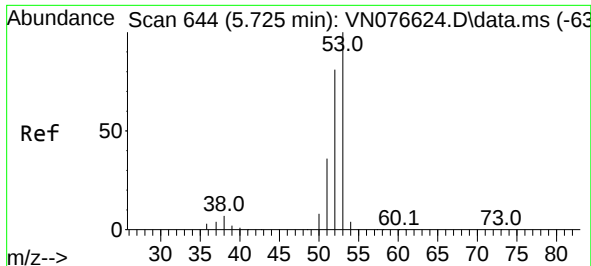


#14
Allyl chloride
Concen: 19.511 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21



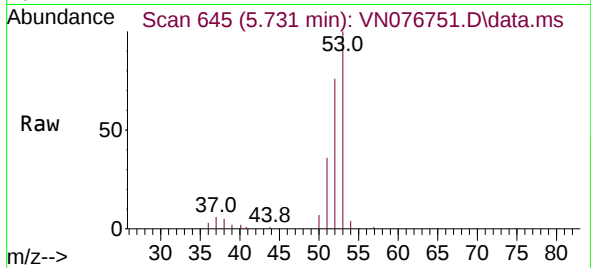
Tgt Ion: 41 Resp: 85753
Ion Ratio Lower Upper
41 100
39 81.9 62.3 93.5
76 34.3 27.0 40.6





#15
Acrylonitrile
Concen: 111.319 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

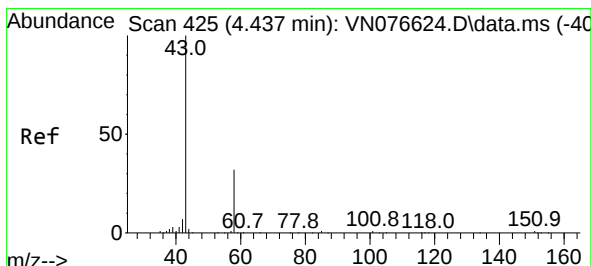
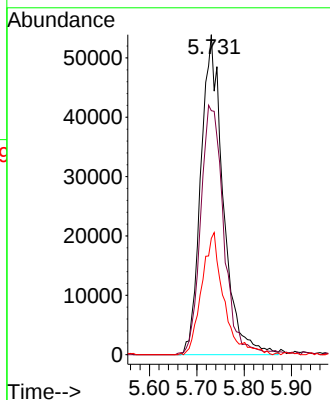
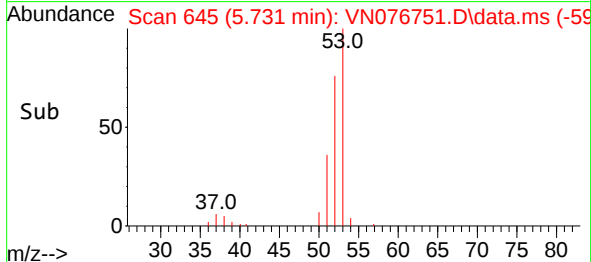
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



Tgt Ion: 53 Resp: 17695
Ion Ratio Lower Upper
53 100
52 79.8 65.3 97.9
51 37.6 29.2 43.8

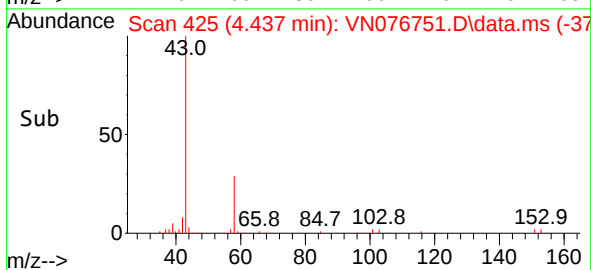
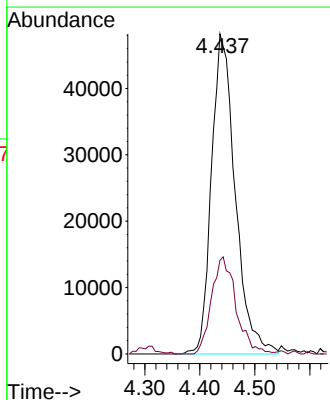
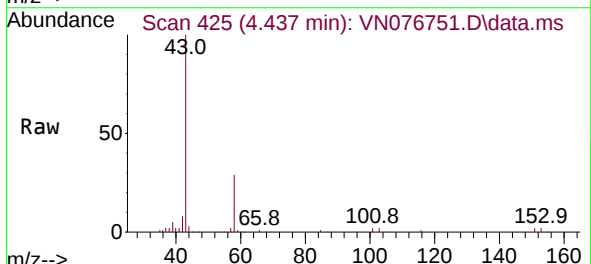
Manual Integrations
APPROVED

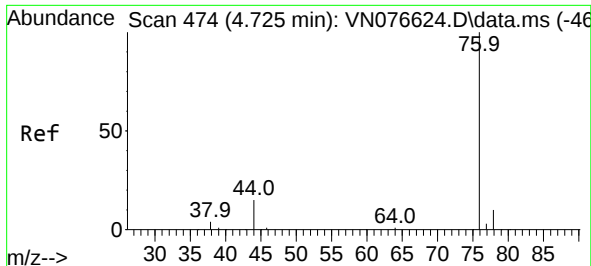
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#16
Acetone
Concen: 95.360 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

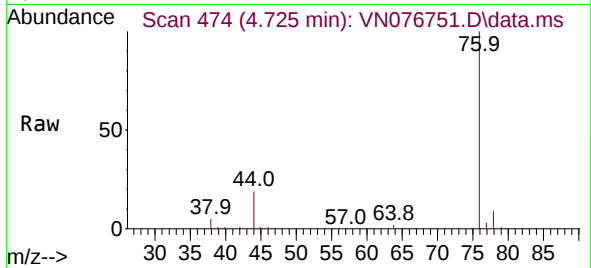
Tgt Ion: 43 Resp: 144545
Ion Ratio Lower Upper
43 100
58 28.5 25.9 38.9





#17
Carbon Disulfide
Concen: 17.615 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

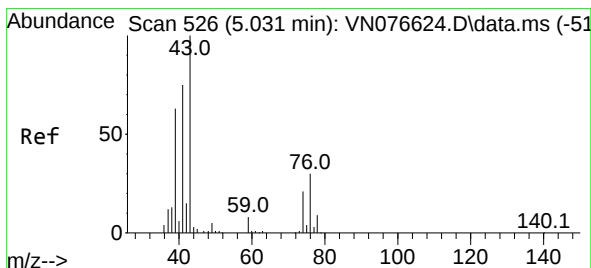
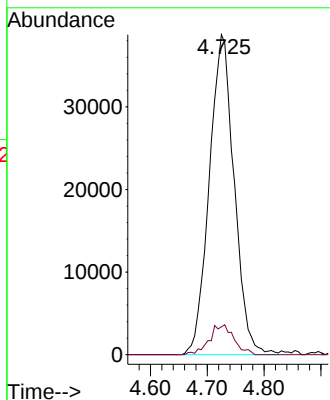
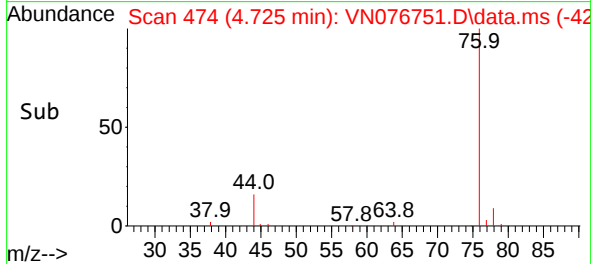
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



Tgt Ion: 76 Resp: 117969
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8

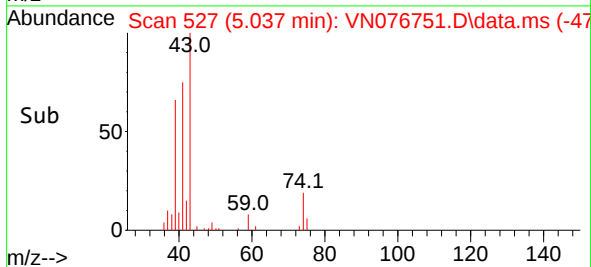
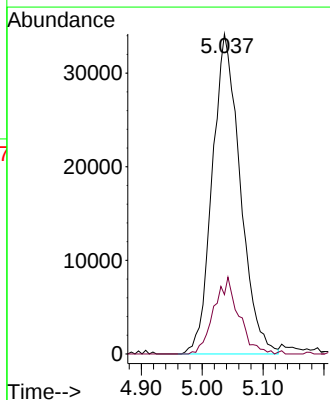
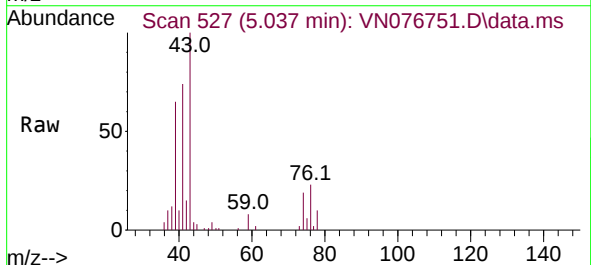
Manual Integrations
APPROVED

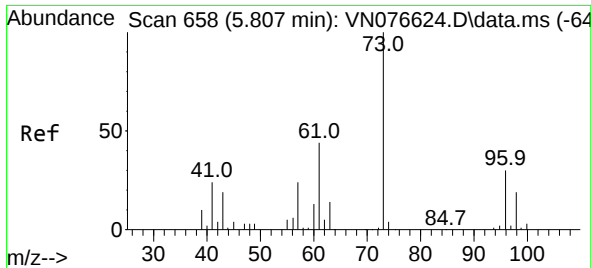
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#18
Methyl Acetate
Concen: 22.043 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

Tgt Ion: 43 Resp: 109063
Ion Ratio Lower Upper
43 100
74 21.5 17.7 26.5





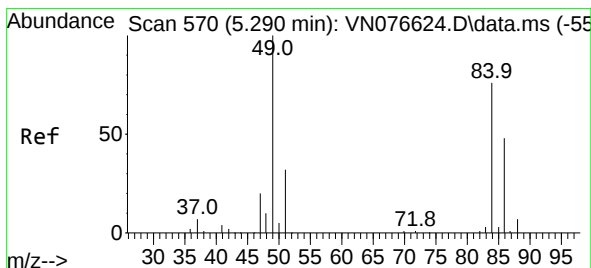
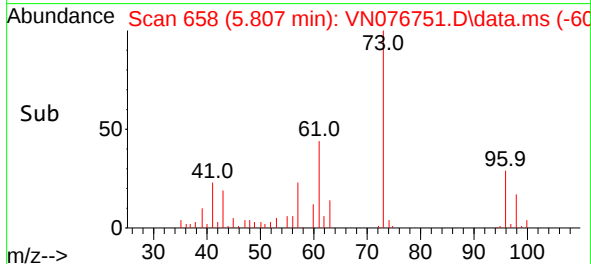
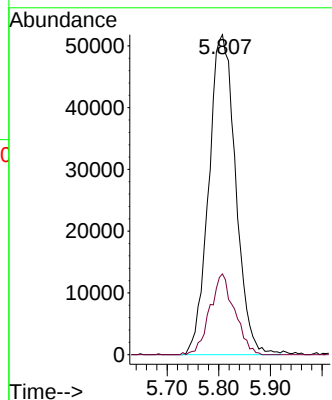
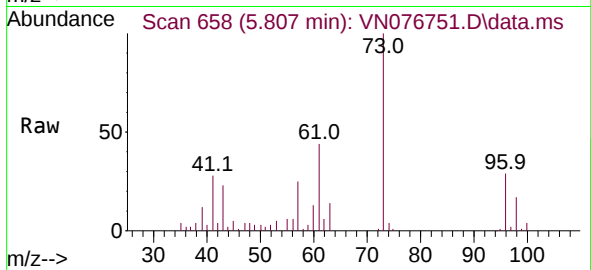
#19
Methyl tert-butyl Ether
Concen: 21.851 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion: 73 Resp: 186864
Ion Ratio Lower Upper
73 100
57 25.2 19.0 28.4

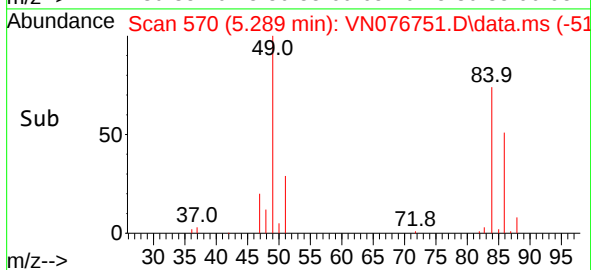
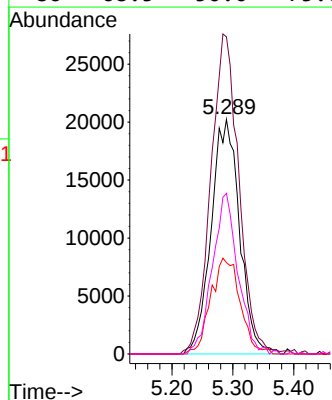
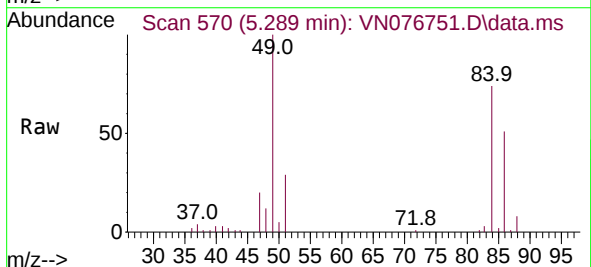
Manual Integrations
APPROVED

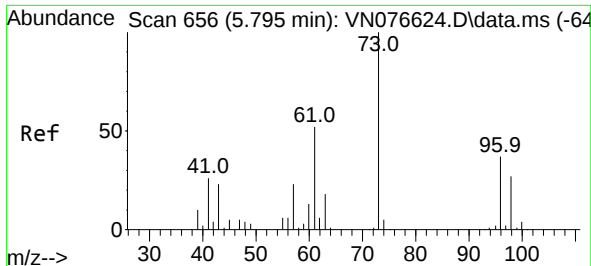
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#20
Methylene Chloride
Concen: 20.677 ug/l
RT: 5.289 min Scan# 570
Delta R.T. -0.001 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

Tgt Ion: 84 Resp: 65687
Ion Ratio Lower Upper
84 100
49 135.2 104.9 157.3
51 38.9 33.8 50.8
86 68.5 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 19.262 ug/l

RT: 5.801 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN076751.D

Acq: 21 Feb 2023 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

Tgt Ion: 96 Resp: 55000

Ion Ratio Lower Upper

96 100

61 133.9 113.9 170.9

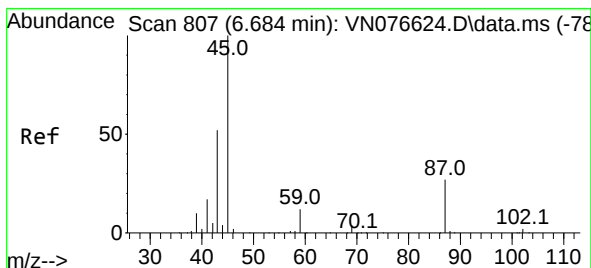
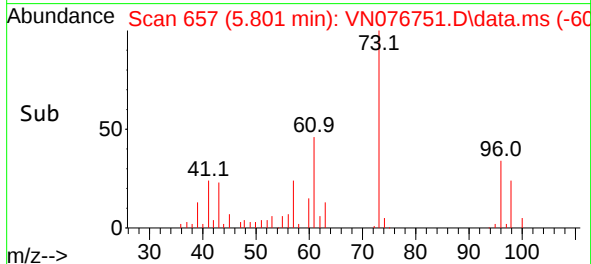
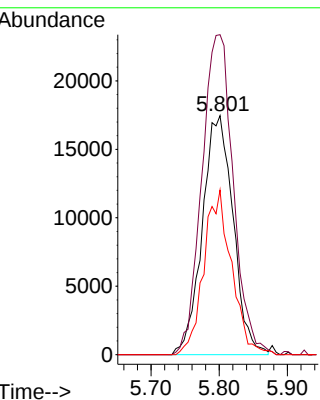
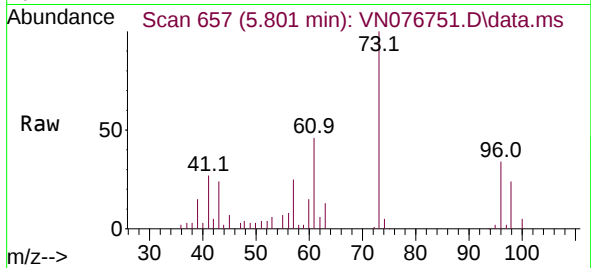
98 68.8 59.4 89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#22

Diisopropyl ether

Concen: 22.001 ug/l

RT: 6.683 min Scan# 807

Delta R.T. -0.001 min

Lab File: VN076751.D

Acq: 21 Feb 2023 15:21

Tgt Ion: 45 Resp: 226793

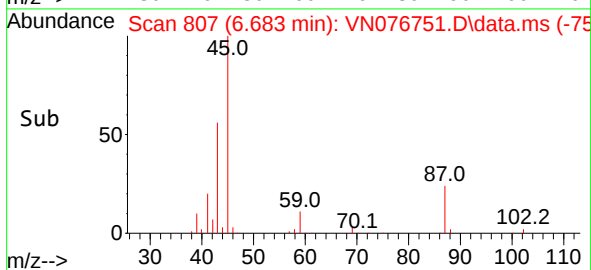
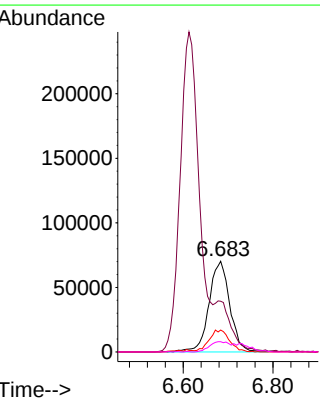
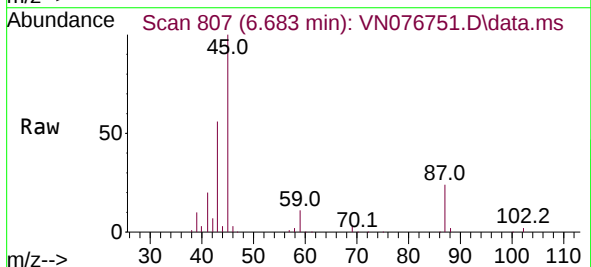
Ion Ratio Lower Upper

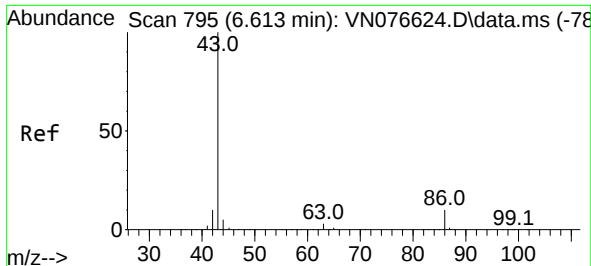
45 100

43 55.1 41.8 62.6

87 24.2 21.8 32.8

59 10.9 9.3 13.9





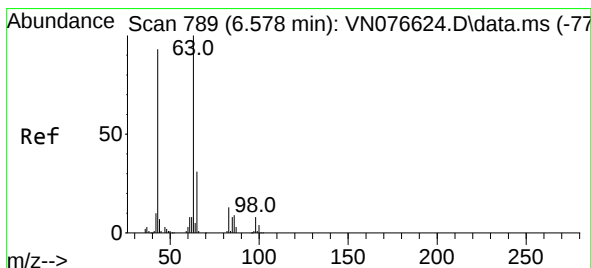
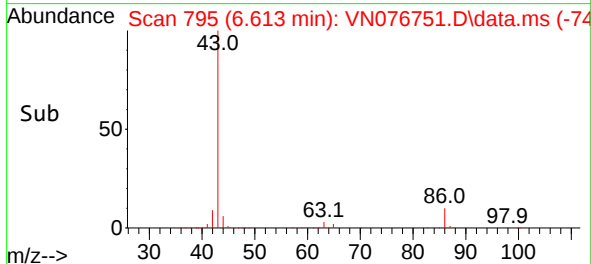
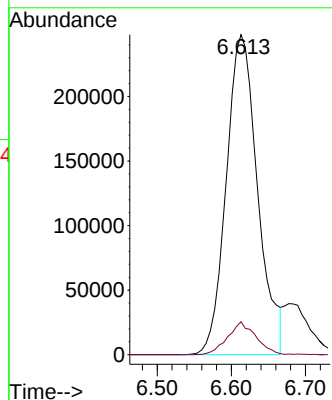
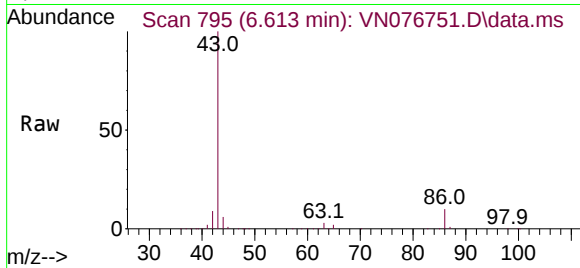
#23
 Vinyl Acetate
 Concen: 119.525 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076751.D
 Acq: 21 Feb 2023 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBSD01

Tgt Ion: 43 Resp: 729002
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.2

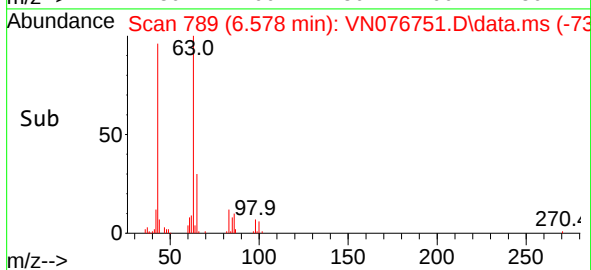
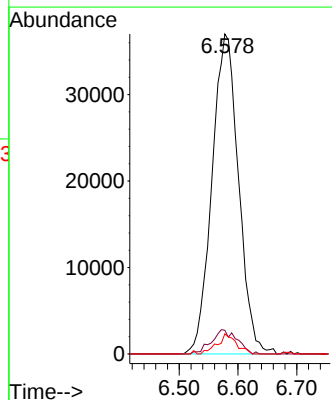
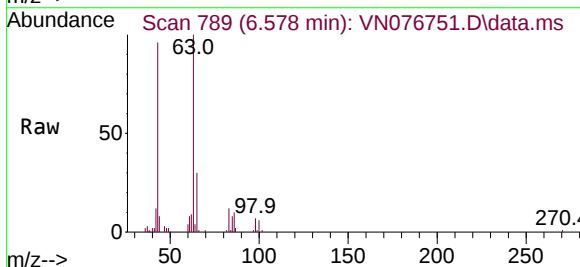
Manual Integrations
 APPROVED

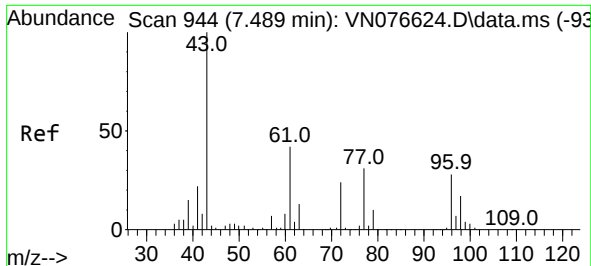
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#24
 1,1-Dichloroethane
 Concen: 20.543 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076751.D
 Acq: 21 Feb 2023 15:21

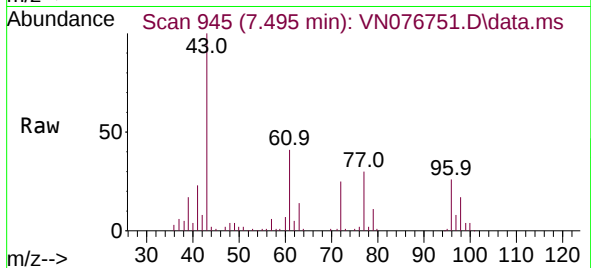
Tgt Ion: 63 Resp: 116061
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.1 12.3
 100 6.3 2.0 5.8#





#25
2-Butanone
Concen: 107.177 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

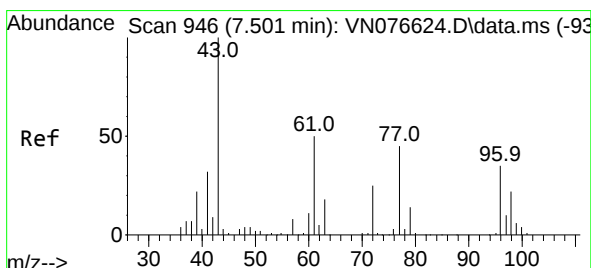
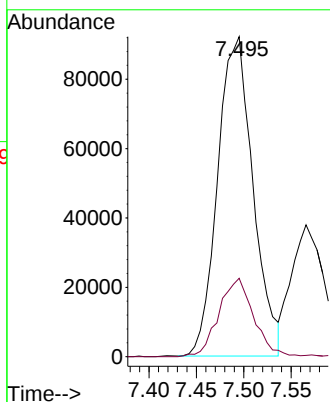
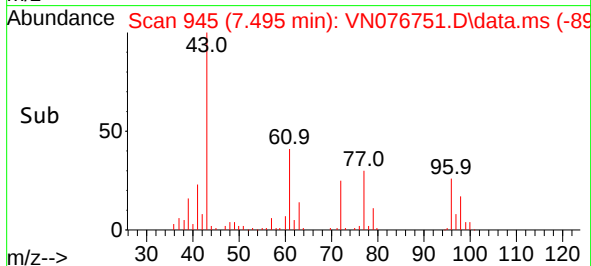
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



Tgt Ion: 43 Resp: 23963
Ion Ratio Lower Upper
43 100
72 24.6 19.4 29.2

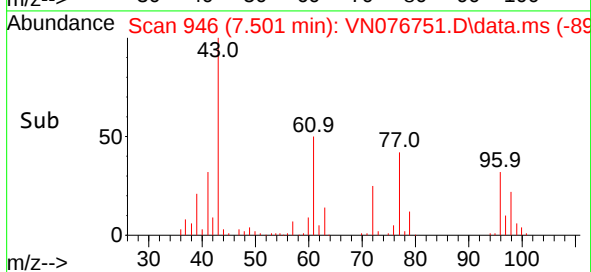
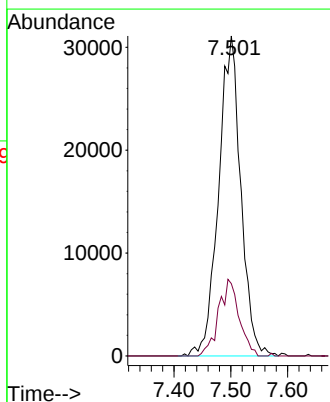
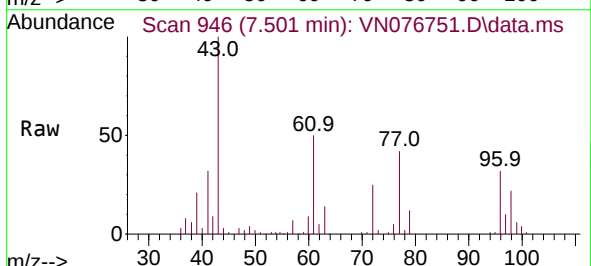
Manual Integrations
APPROVED

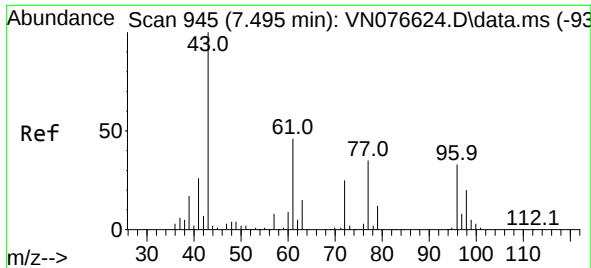
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#26
2,2-Dichloropropane
Concen: 20.710 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

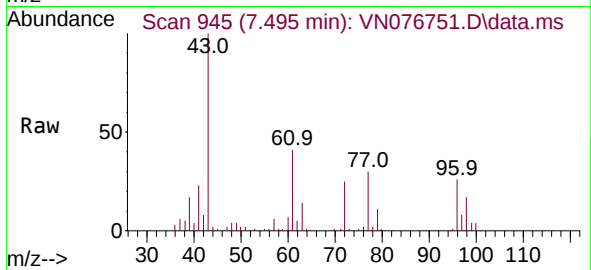
Tgt Ion: 77 Resp: 84393
Ion Ratio Lower Upper
77 100
97 22.1 11.9 35.7





#27
 cis-1,2-Dichloroethene
 Concen: 19.590 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076751.D
 Acq: 21 Feb 2023 15:21

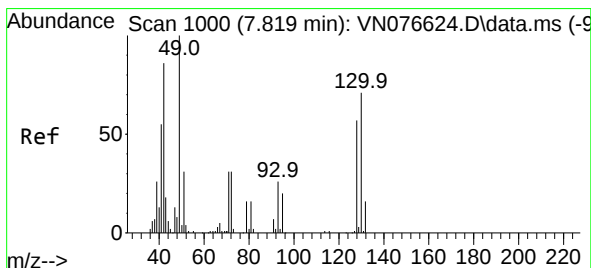
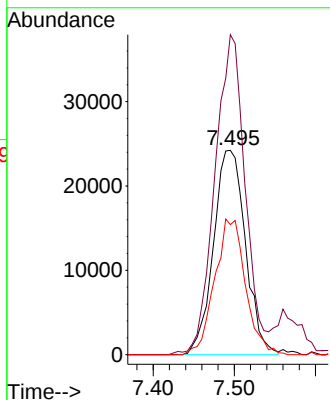
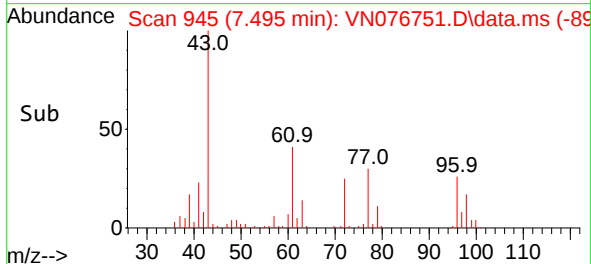
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBSD01



Tgt Ion: 96 Resp: 6634
 Ion Ratio Lower Upper
 96 100
 61 148.4 0.0 286.8
 98 64.0 0.0 124.0

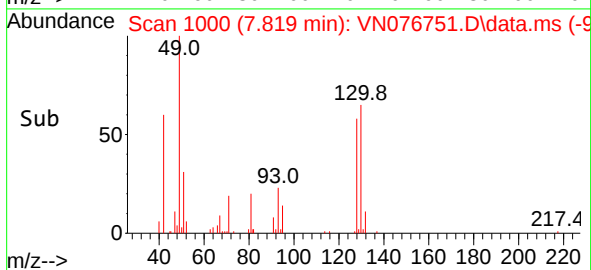
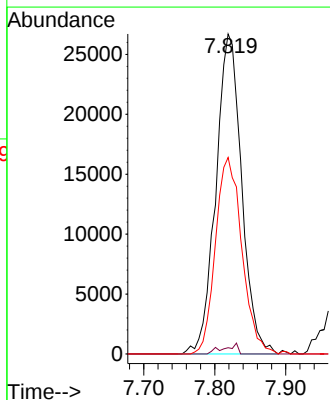
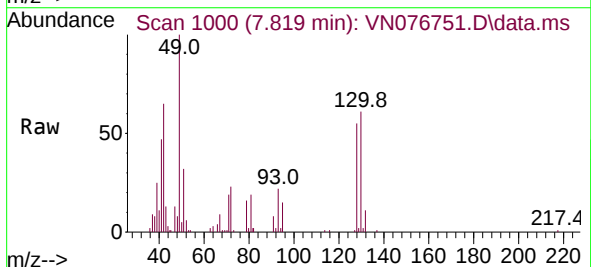
Manual Integrations
 APPROVED

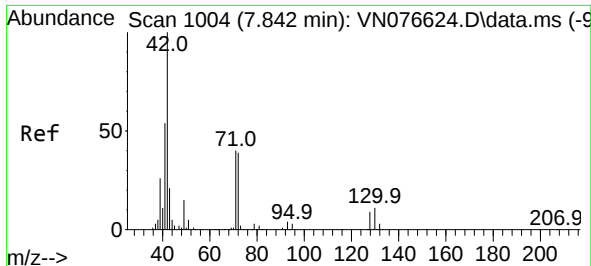
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#28
 Bromochloromethane
 Concen: 25.031 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076751.D
 Acq: 21 Feb 2023 15:21

Tgt Ion: 49 Resp: 67307
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.0
 130 62.8 57.8 86.8





#29

Tetrahydrofuran

Concen: 113.388 ug/l

RT: 7.848 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VN076751.D

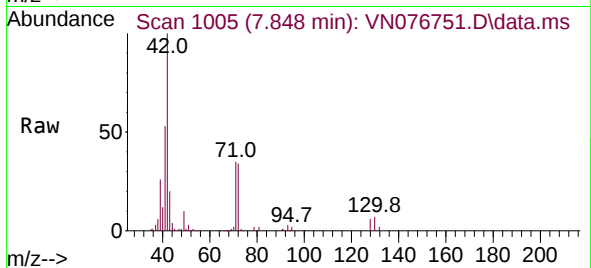
Acq: 21 Feb 2023 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01



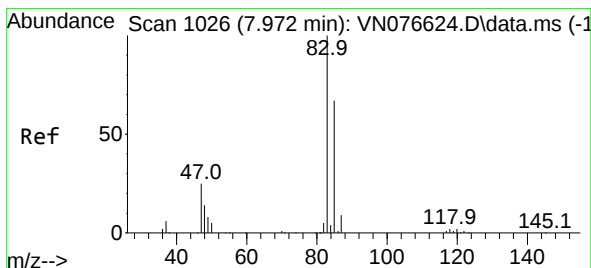
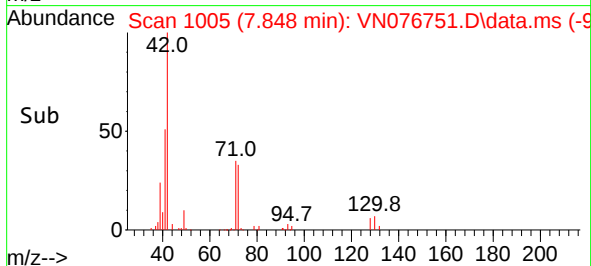
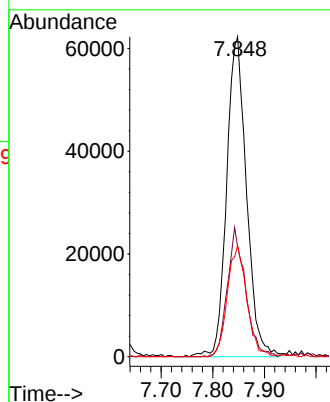
Tgt Ion:	42	Resp:	165640
Ion Ratio	Lower	Upper	
42	100		
72	36.9	31.5	47.3
71	34.0	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#30

Chloroform

Concen: 20.221 ug/l

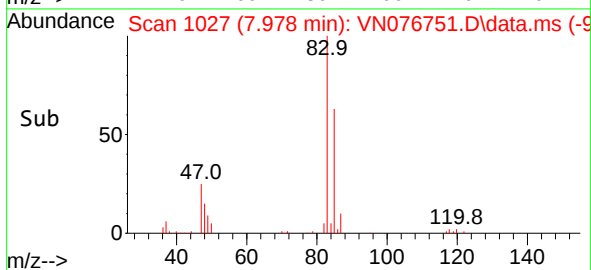
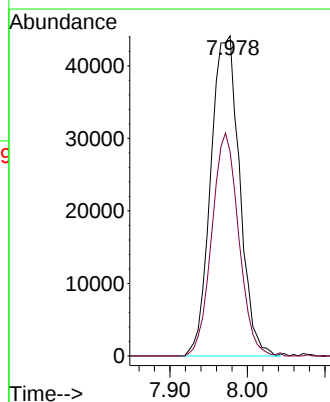
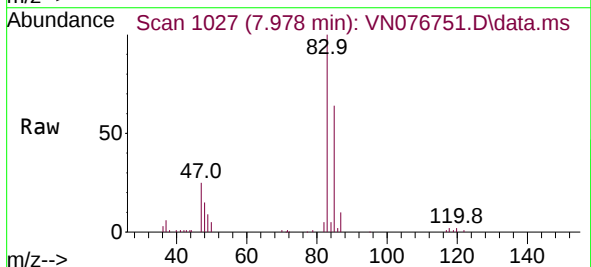
RT: 7.978 min Scan# 1027

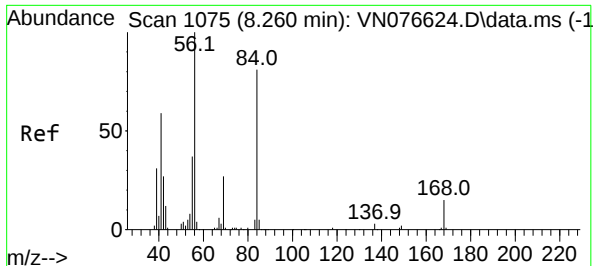
Delta R.T. 0.005 min

Lab File: VN076751.D

Acq: 21 Feb 2023 15:21

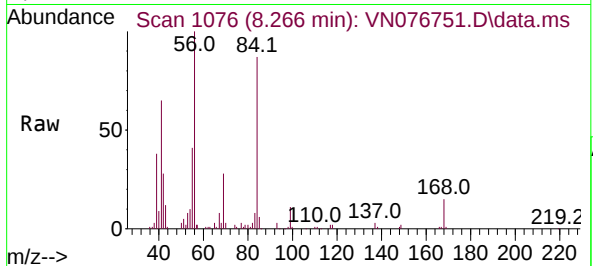
Tgt Ion:	83	Resp:	114142
Ion Ratio	Lower	Upper	
83	100		
85	63.8	53.5	80.3





#31
Cyclohexane
Concen: 19.347 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

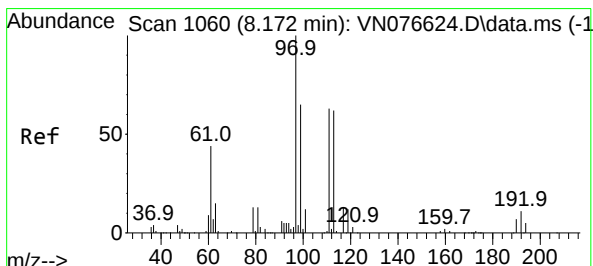
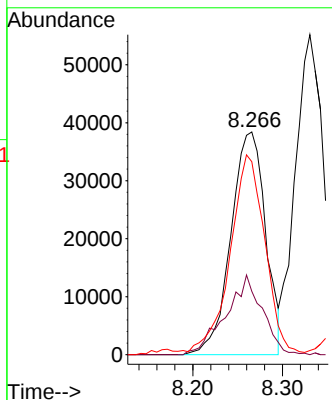
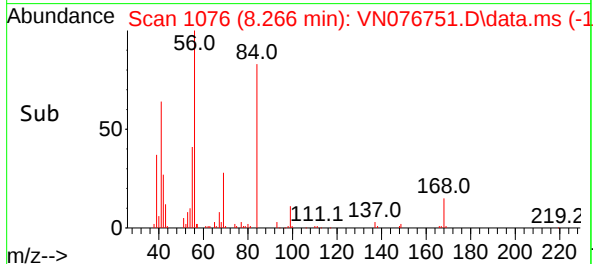
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



Tgt Ion: 56 Resp: 102980
Ion Ratio Lower Upper
56 100
69 28.5 21.6 32.4
84 85.1 65.1 97.7

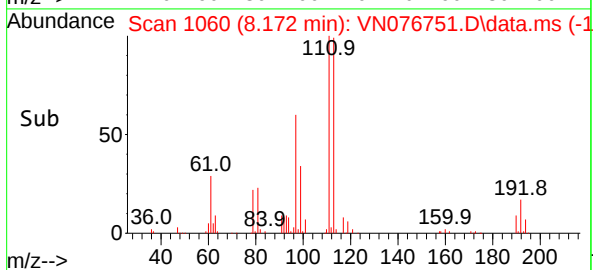
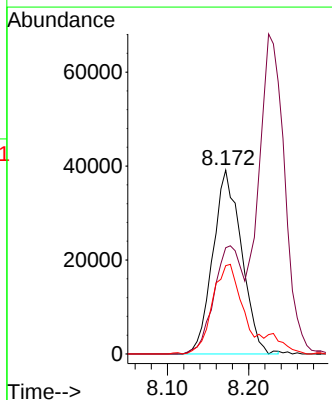
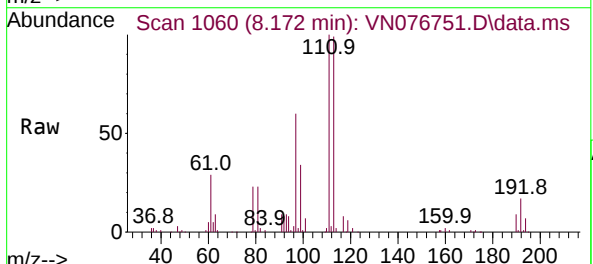
Manual Integrations
APPROVED

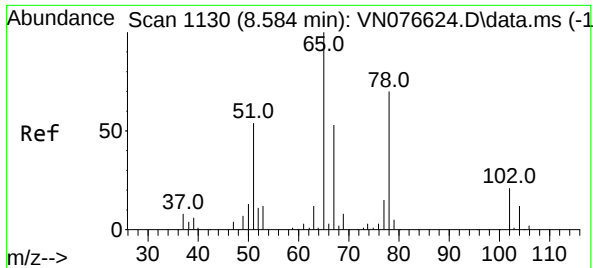
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#32
1,1,1-Trichloroethane
Concen: 20.180 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

Tgt Ion: 97 Resp: 95775
Ion Ratio Lower Upper
97 100
99 58.4 51.2 76.8
61 52.2 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 60.324 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076751.D

Acq: 21 Feb 2023 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

Tgt Ion: 65 Resp: 20470

Ion Ratio Lower Upper

65 100

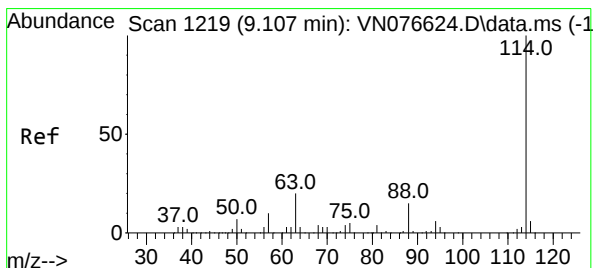
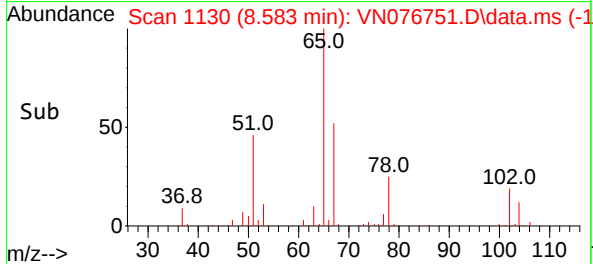
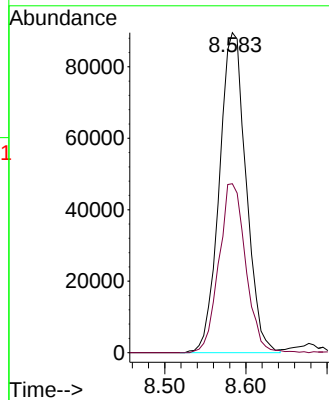
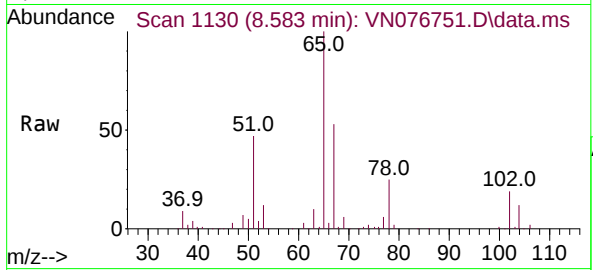
67 53.0 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076751.D

Acq: 21 Feb 2023 15:21

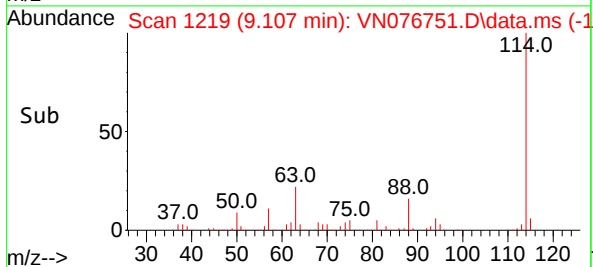
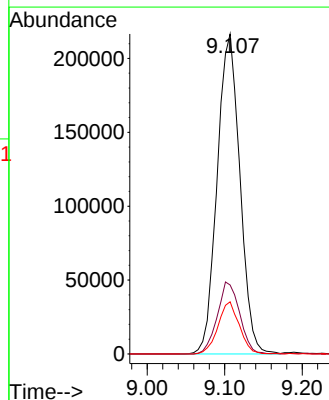
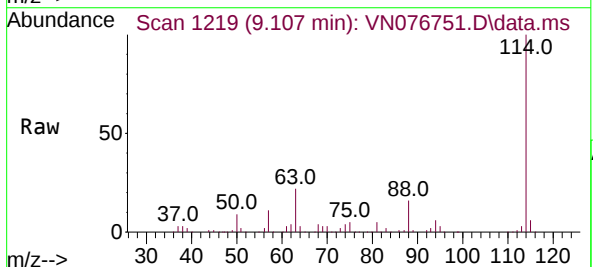
Tgt Ion:114 Resp: 441834

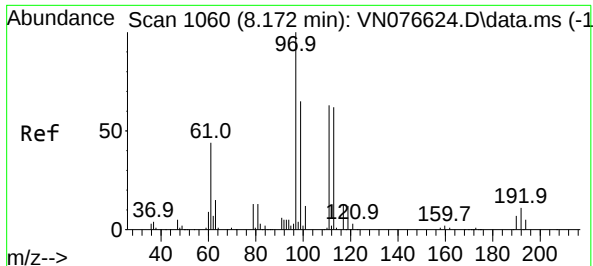
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

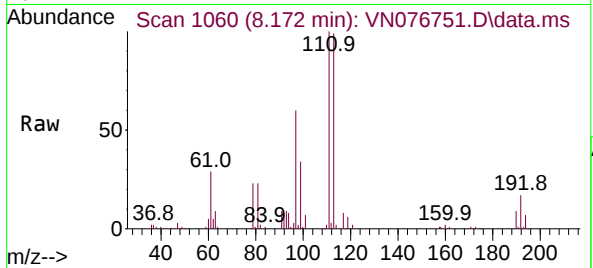
88 16.3 0.0 29.6





#35
Dibromofluoromethane
Concen: 53.514 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

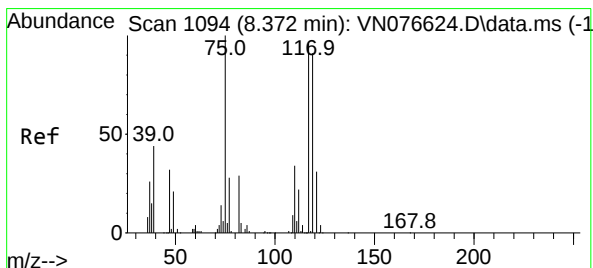
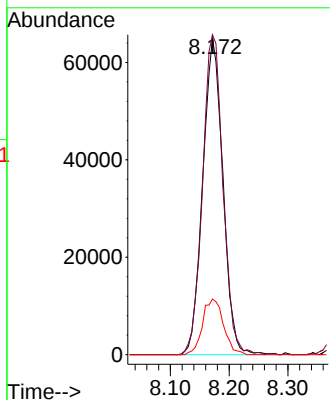
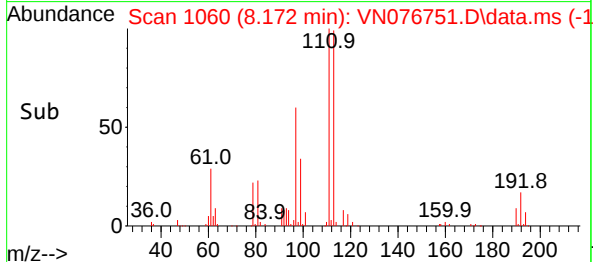
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



Tgt Ion: 113 Resp: 15484
Ion Ratio Lower Upper
113 100
111 102.1 83.1 124.7
192 18.2 15.6 23.4

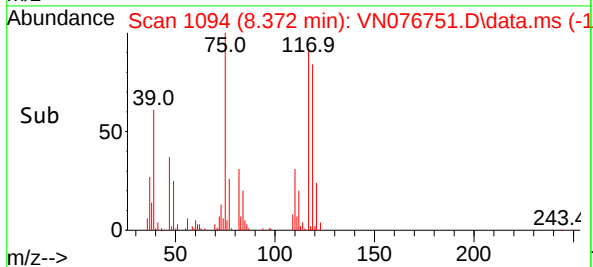
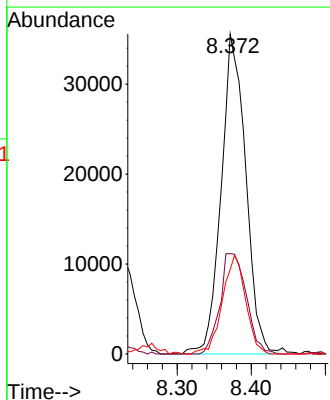
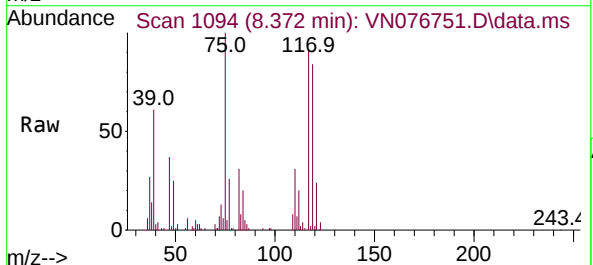
Manual Integrations
APPROVED

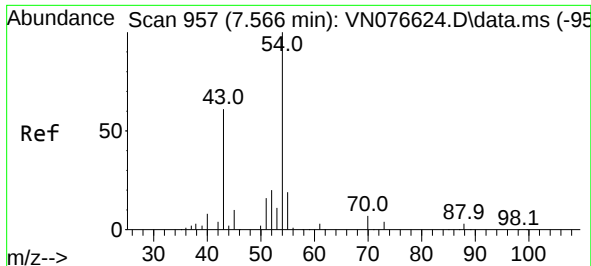
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#36
1,1-Dichloropropene
Concen: 19.560 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

Tgt Ion: 75 Resp: 81772
Ion Ratio Lower Upper
75 100
110 33.8 17.5 52.5
77 29.2 24.5 36.7





#37

Ethyl Acetate

Concen: 21.929 ug/l

RT: 7.566 min Scan# 9

Delta R.T. -0.000 min

Lab File: VN076751.D

Acq: 21 Feb 2023 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

Tgt Ion: 43 Resp: 96458

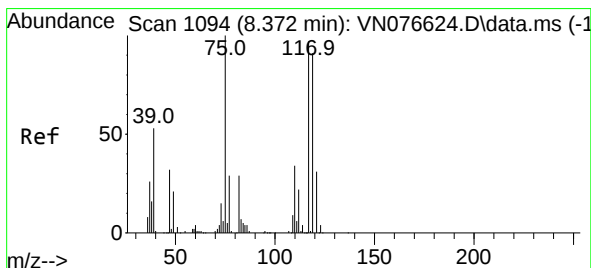
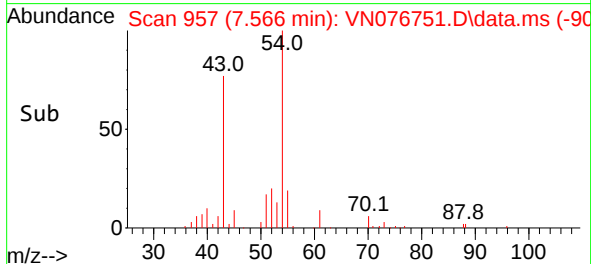
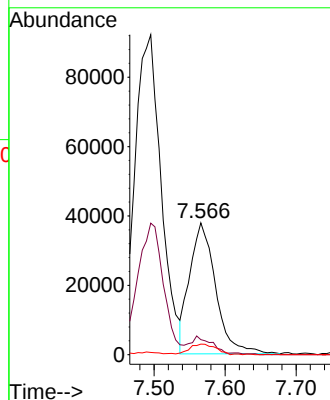
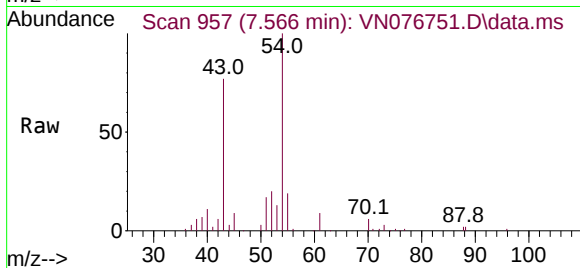
Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.9	14.9
70	8.2	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#38

Carbon Tetrachloride

Concen: 18.591 ug/l

RT: 8.372 min Scan# 1094

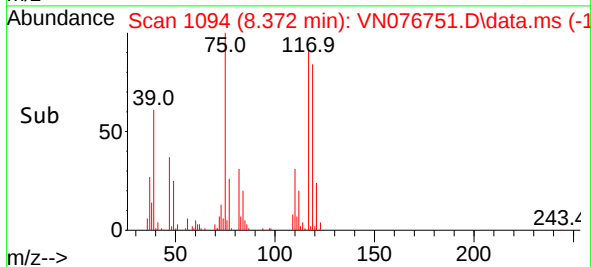
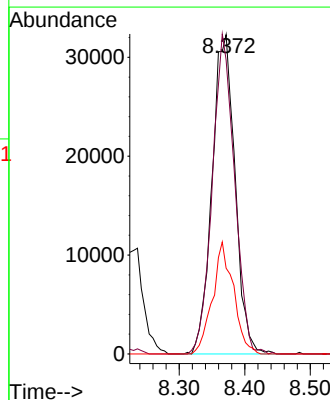
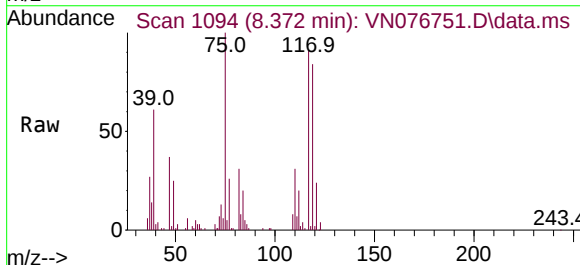
Delta R.T. -0.000 min

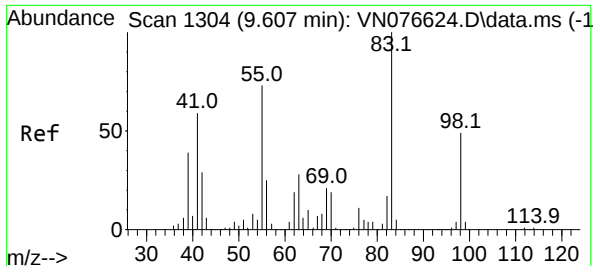
Lab File: VN076751.D

Acq: 21 Feb 2023 15:21

Tgt Ion:117 Resp: 78403

Ion	Ratio	Lower	Upper
117	100		
119	92.0	75.4	113.0
121	26.9	26.0	39.0





#39

Methylcyclohexane

Concen: 19.879 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. -0.000 min

Lab File: VN076751.D

Acq: 21 Feb 2023 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

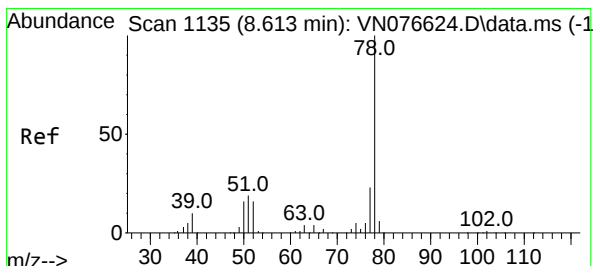
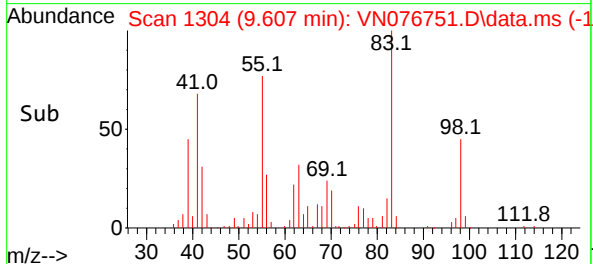
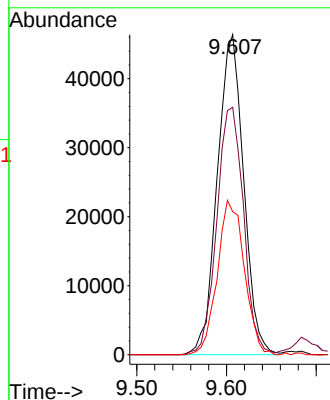
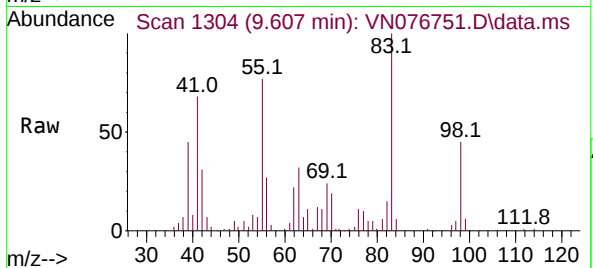
Tgt Ion: 83 Resp: 9446
 Ion Ratio Lower Upper
 83 100
 55 77.3 58.6 88.0
 98 44.7 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#40

Benzene

Concen: 20.478 ug/l

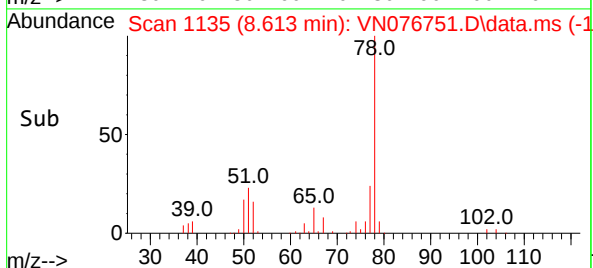
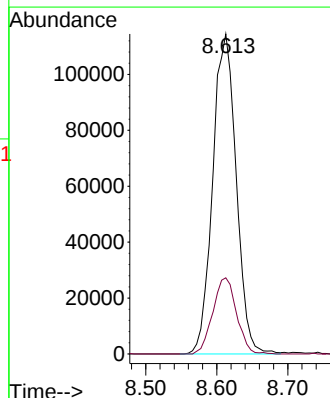
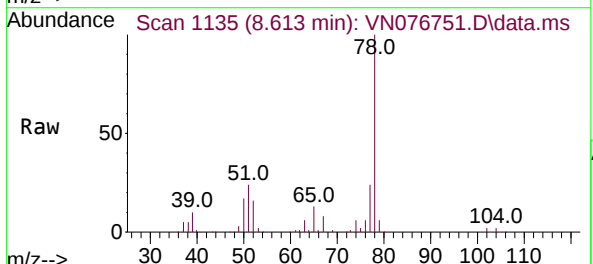
RT: 8.613 min Scan# 1135

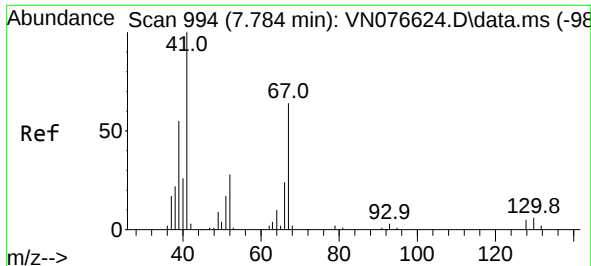
Delta R.T. -0.000 min

Lab File: VN076751.D

Acq: 21 Feb 2023 15:21

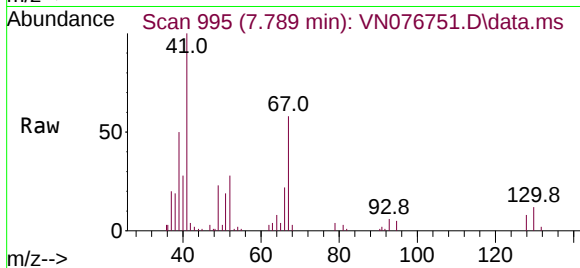
Tgt Ion: 78 Resp: 262908
 Ion Ratio Lower Upper
 78 100
 77 23.8 18.2 27.4





#41
Methacrylonitrile
Concen: 19.797 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.005 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

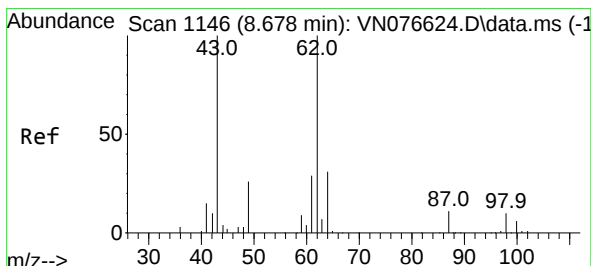
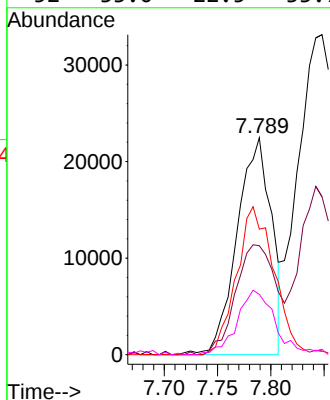
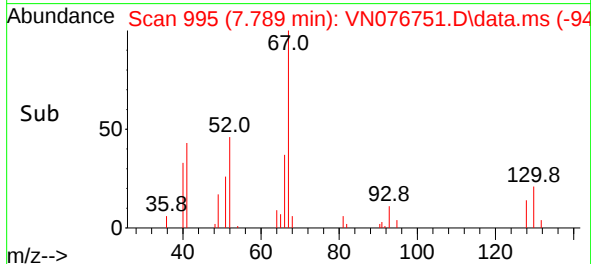
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



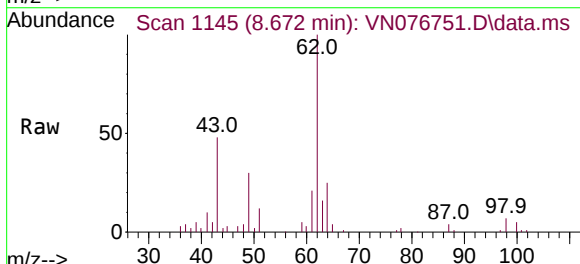
Tgt Ion: 41 Resp: 5044
Ion Ratio Lower Upper
41 100
39 59.6 42.6 63.8
67 75.2 51.4 77.0
52 33.0 22.5 33.7

Manual Integrations
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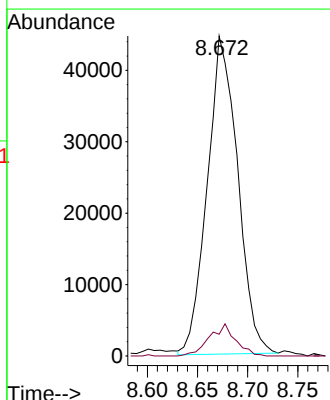
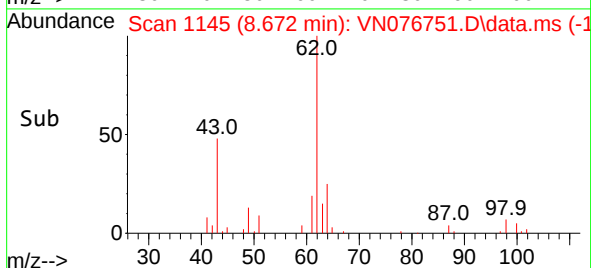
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

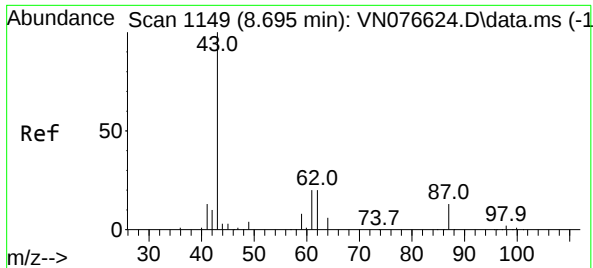


#42
1,2-Dichloroethane
Concen: 20.991 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21



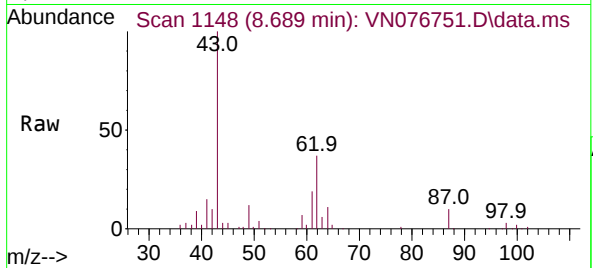
Tgt Ion: 62 Resp: 93989
Ion Ratio Lower Upper
62 100
98 8.7 0.0 19.2





#43
Isopropyl Acetate
Concen: 22.784 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

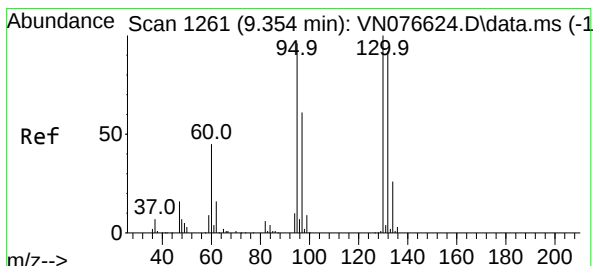
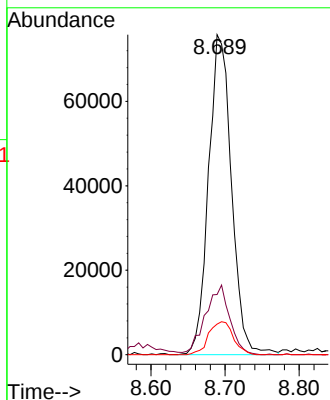
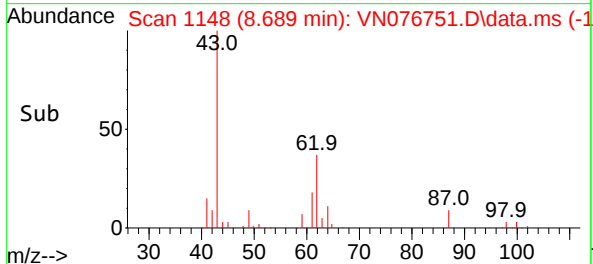
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



Tgt Ion: 43 Resp: 163078
Ion Ratio Lower Upper
43 100
61 23.1 20.0 30.0
87 11.1 9.9 14.9

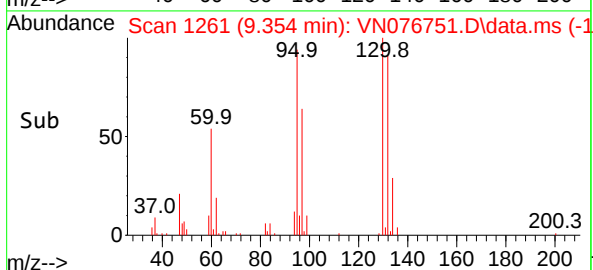
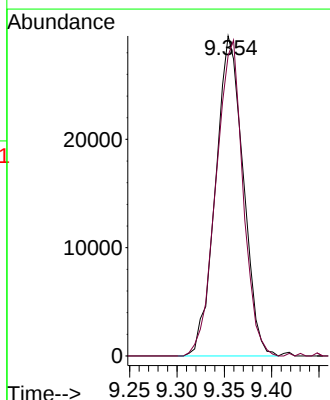
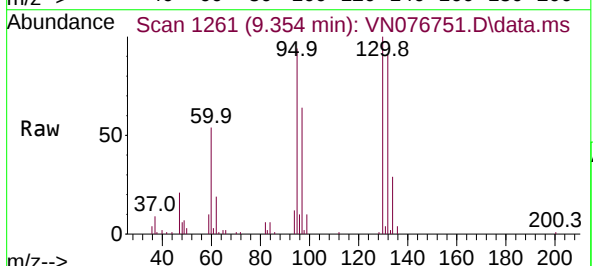
Manual Integrations
APPROVED

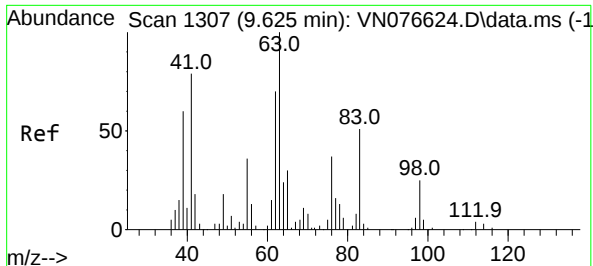
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#44
Trichloroethene
Concen: 19.770 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

Tgt Ion:130 Resp: 59978
Ion Ratio Lower Upper
130 100
95 93.8 0.0 191.4





#45

1,2-Dichloropropane

Concen: 20.524 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VN076751.D

Acq: 21 Feb 2023 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

Tgt Ion: 63 Resp: 6975

Ion Ratio Lower Upper

63 100

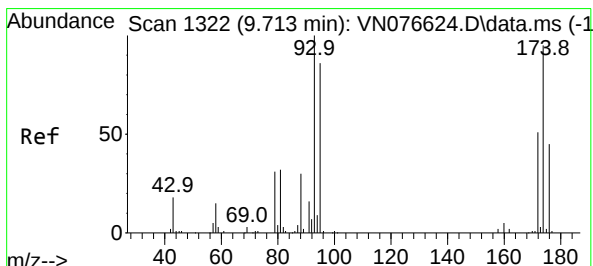
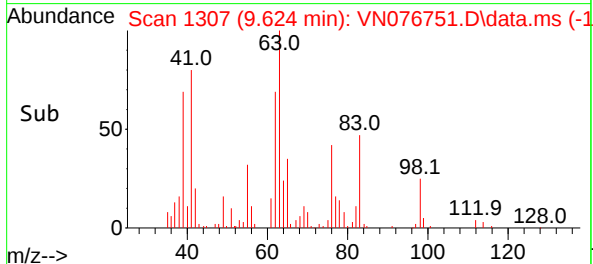
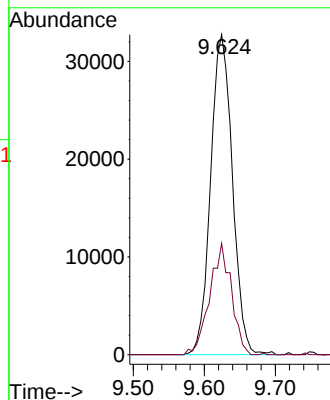
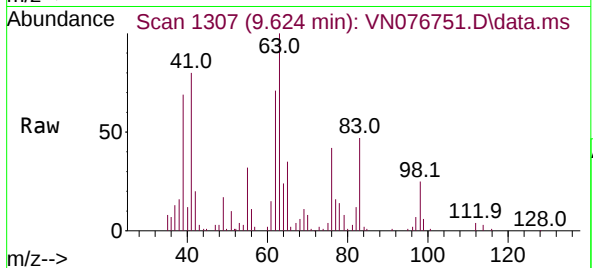
65 34.8 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#46

Dibromomethane

Concen: 21.716 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076751.D

Acq: 21 Feb 2023 15:21

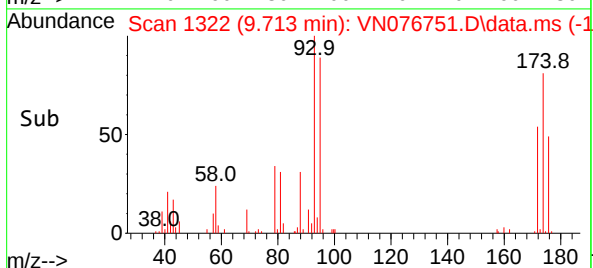
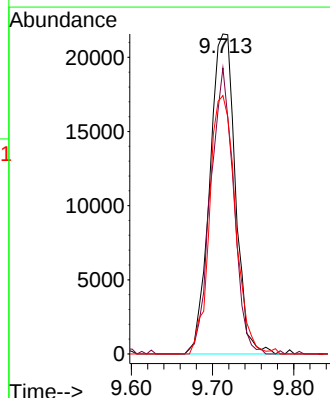
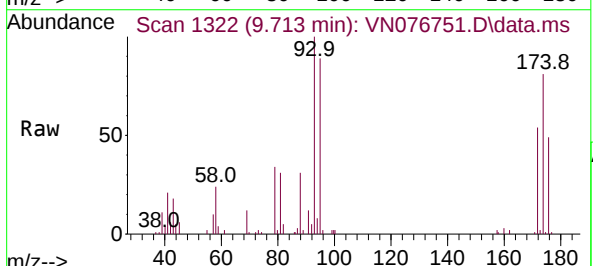
Tgt Ion: 93 Resp: 47183

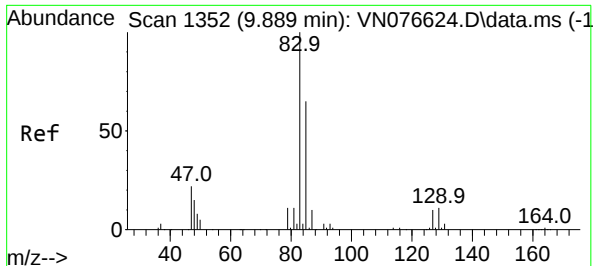
Ion Ratio Lower Upper

93 100

95 80.7 66.0 99.0

174 81.6 75.8 113.8





#47

Bromodichloromethane

Concen: 21.109 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VN076751.D

Acq: 21 Feb 2023 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

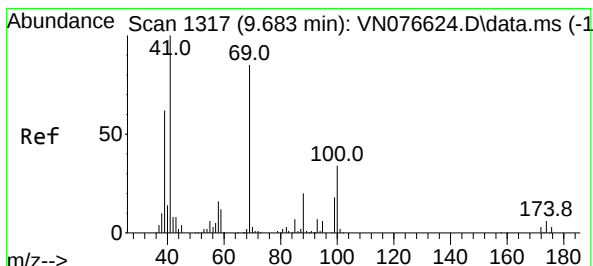
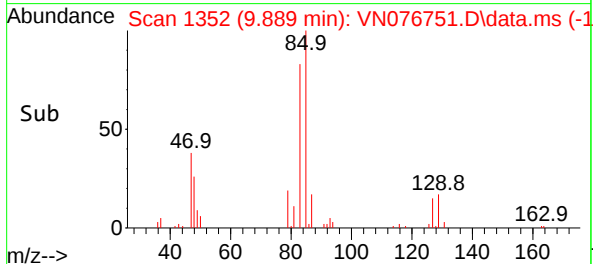
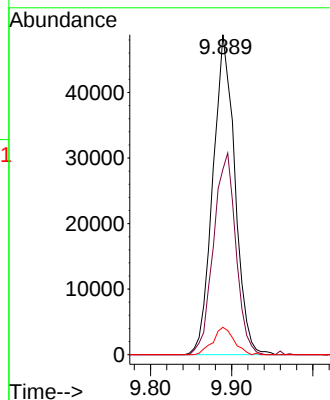
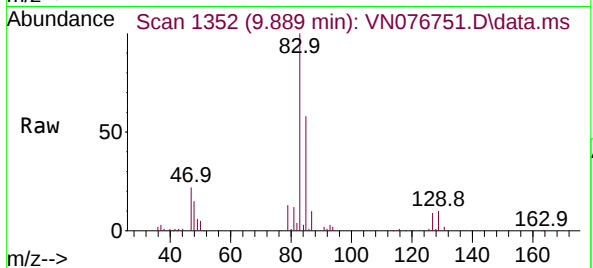
Tgt Ion:	83	Resp:	9195
Ion Ratio	Lower	Upper	
83	100		
85	57.9	51.8	77.6
127	8.5	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#48

Methyl methacrylate

Concen: 22.122 ug/l

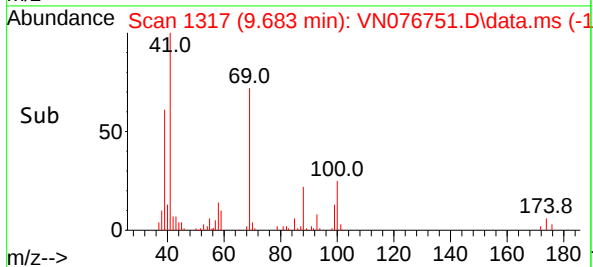
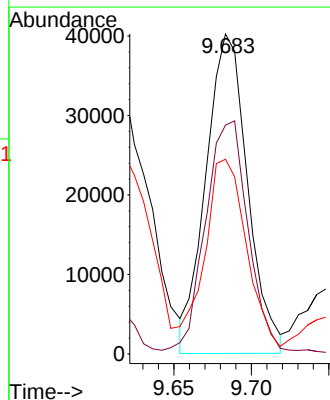
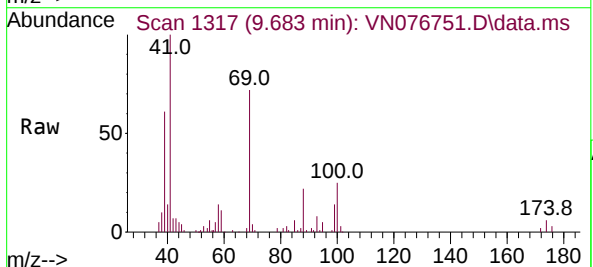
RT: 9.683 min Scan# 1317

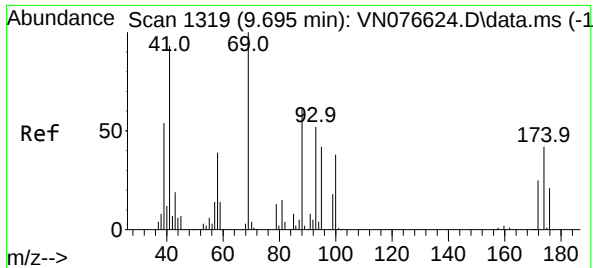
Delta R.T. 0.000 min

Lab File: VN076751.D

Acq: 21 Feb 2023 15:21

Tgt Ion:	41	Resp:	75135
Ion Ratio	Lower	Upper	
41	100		
69	76.1	65.4	98.0
39	61.0	49.3	73.9





#49

1,4-Dioxane

Concen: 440.245 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076751.D

Acq: 21 Feb 2023 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

Tgt Ion: 88 Resp: 2586

Ion Ratio Lower Upper

88 100

43 31.8 22.6 33.8

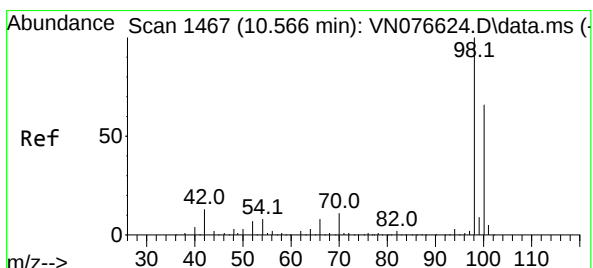
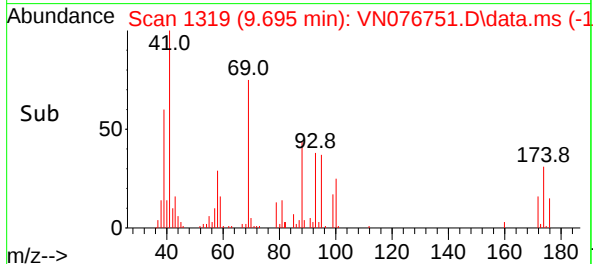
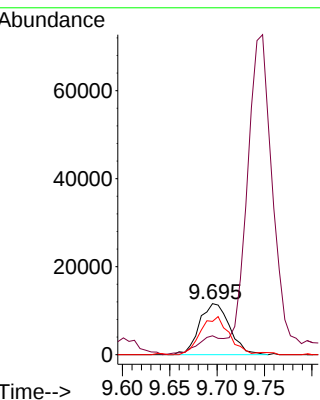
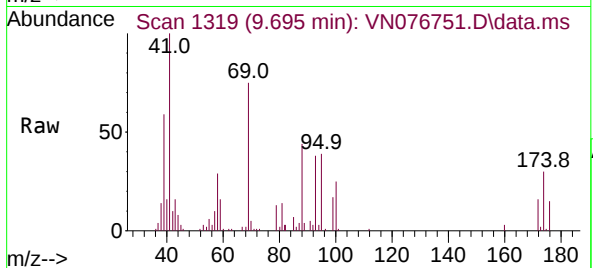
58 70.5 57.6 86.4

Manual Integrations

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Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#50

Toluene-d8

Concen: 55.935 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. 0.005 min

Lab File: VN076751.D

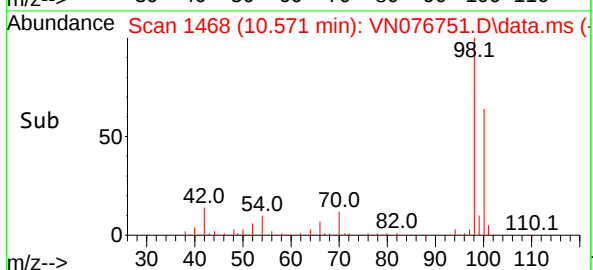
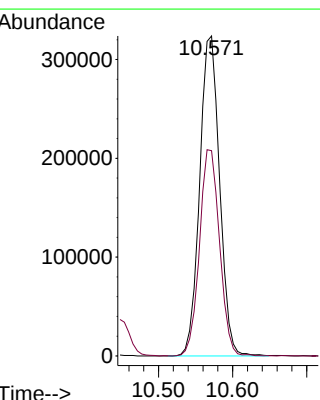
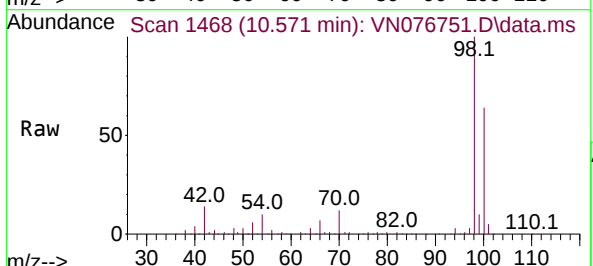
Acq: 21 Feb 2023 15:21

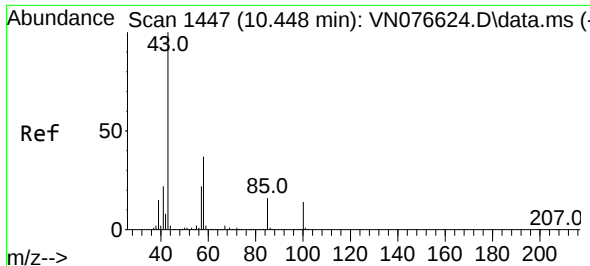
Tgt Ion: 98 Resp: 604425

Ion Ratio Lower Upper

98 100

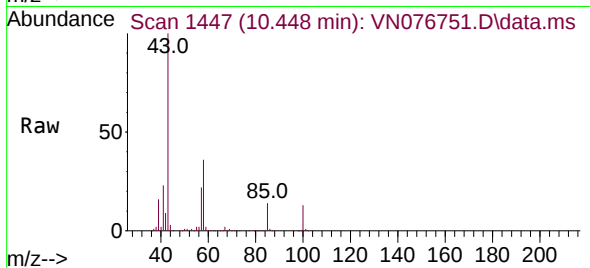
100 64.9 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 114.178 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

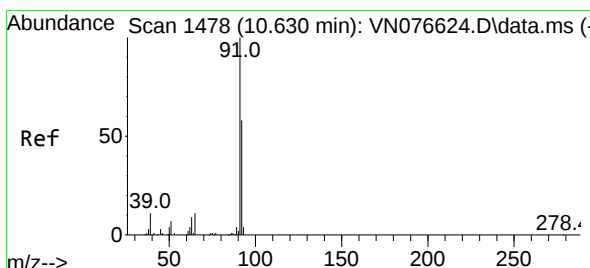
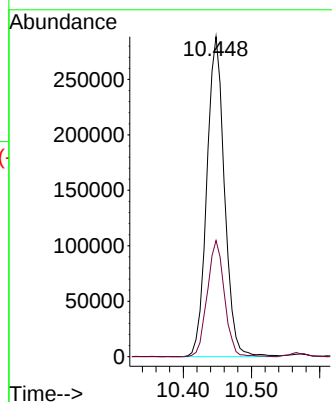
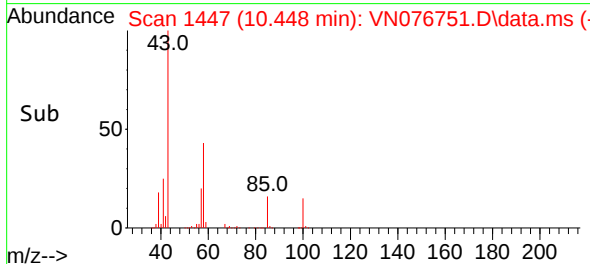
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



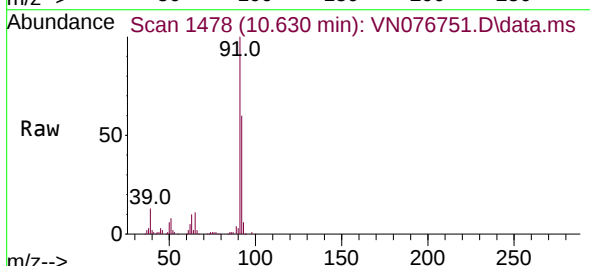
Tgt Ion: 43 Resp: 519959
Ion Ratio Lower Upper
43 100
58 35.3 29.5 44.3

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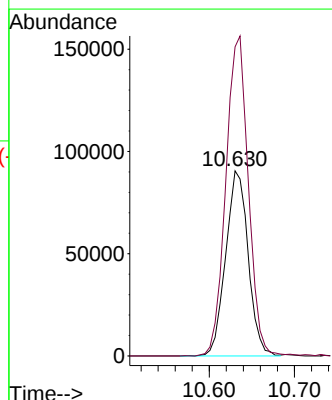
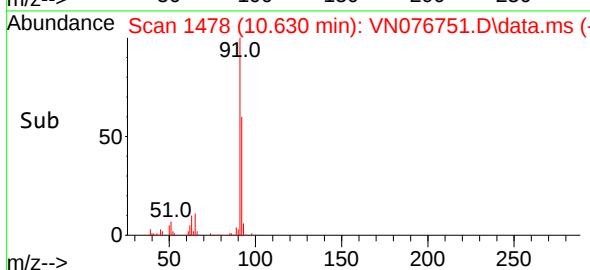
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

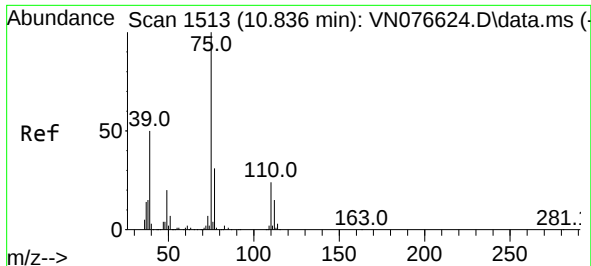


#52
Toluene
Concen: 21.437 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21



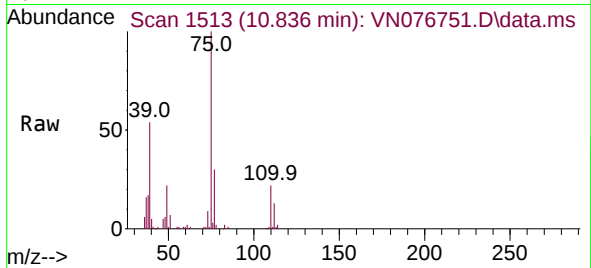
Tgt Ion: 92 Resp: 166162
Ion Ratio Lower Upper
92 100
91 173.2 138.0 207.0





#53
 t-1,3-Dichloropropene
 Concen: 22.014 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN076751.D
 Acq: 21 Feb 2023 15:21

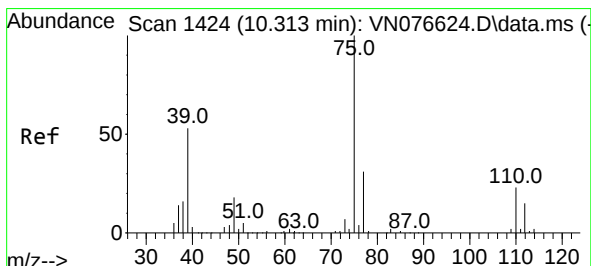
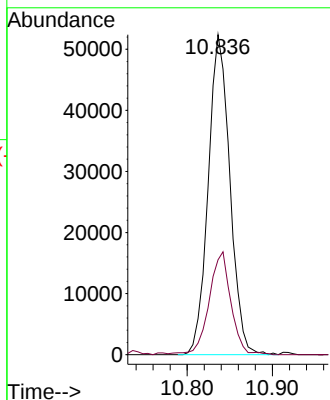
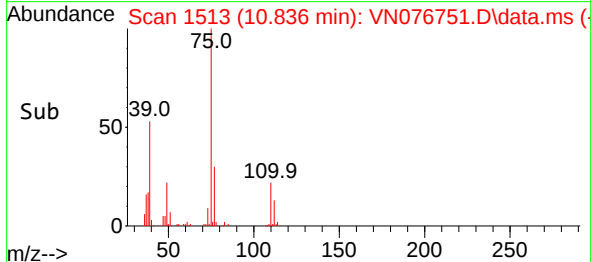
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBSD01



Tgt Ion: 75 Resp: 9255
 Ion Ratio Lower Upper
 75 100
 77 29.6 24.6 37.0

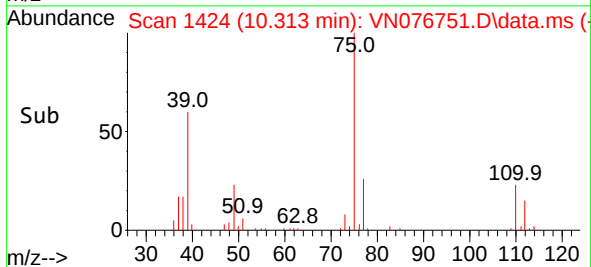
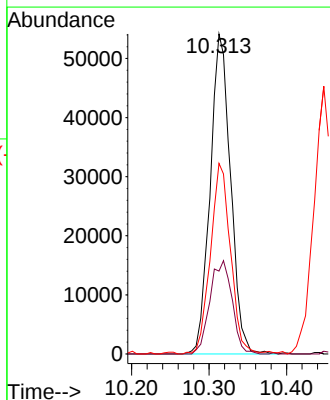
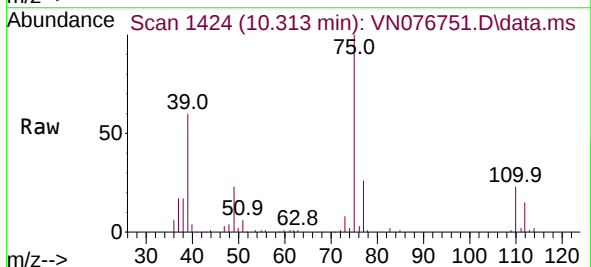
Manual Integrations
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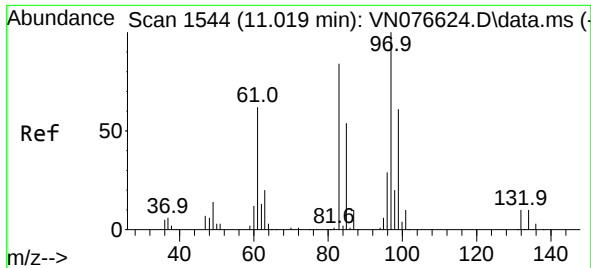
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.420 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN076751.D
 Acq: 21 Feb 2023 15:21

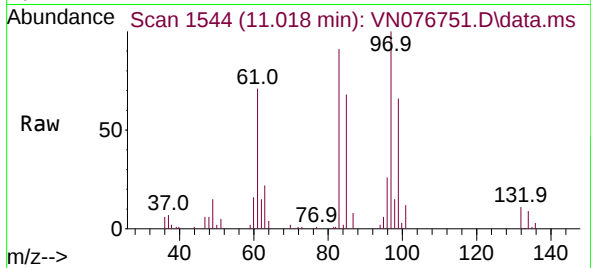
Tgt Ion: 75 Resp: 99032
 Ion Ratio Lower Upper
 75 100
 77 25.9 25.1 37.7
 39 59.5 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 21.182 ug/l
RT: 11.018 min Scan# 1544
Delta R.T. -0.001 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

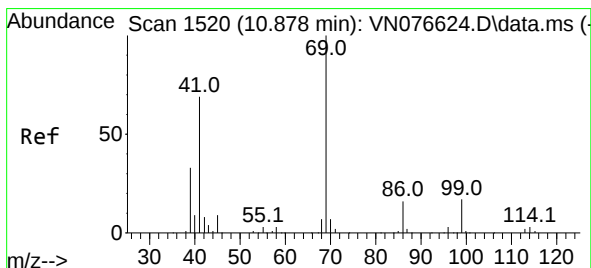
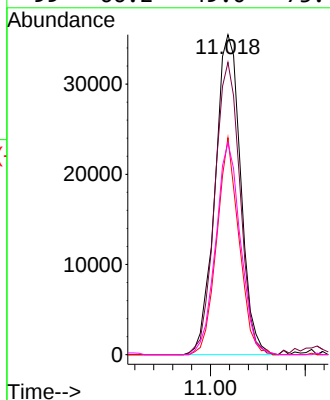
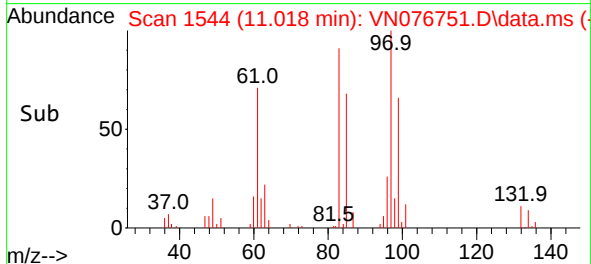


Tgt Ion: 97 Resp: 6676

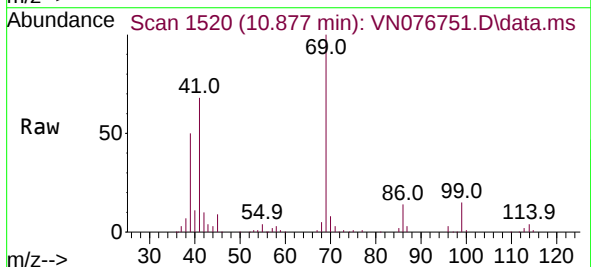
Ion	Ratio	Lower	Upper
97	100		
83	91.4	67.3	100.9
85	67.8	43.2	64.8
99	66.2	49.0	73.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

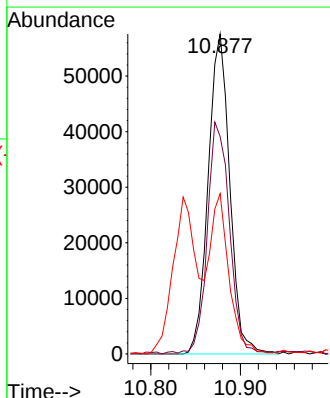
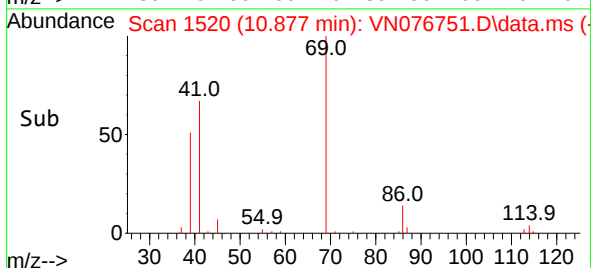


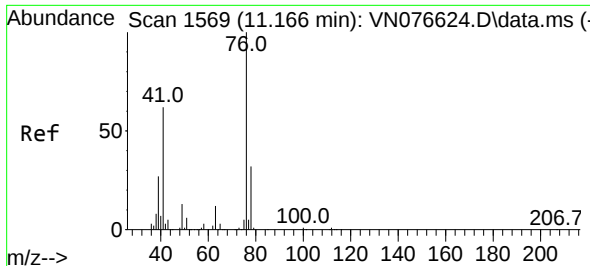
#56
Ethyl methacrylate
Concen: 21.693 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21



Tgt Ion: 69 Resp: 96239

Ion	Ratio	Lower	Upper
69	100		
41	74.5	55.1	82.7
39	42.3	30.7	46.1





#57

1,3-Dichloropropane

Concen: 21.611 ug/l

RT: 11.166 min Scan# 11702

Delta R.T. -0.000 min

Lab File: VN076751.D

Acq: 21 Feb 2023 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

Tgt Ion: 76 Resp: 11702

Ion Ratio Lower Upper

76 100

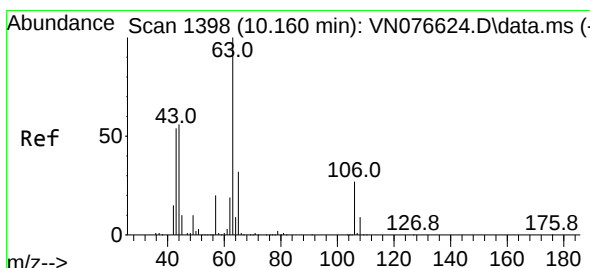
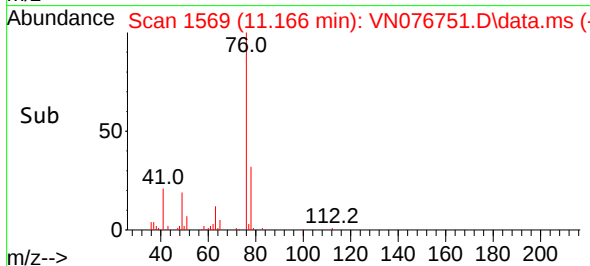
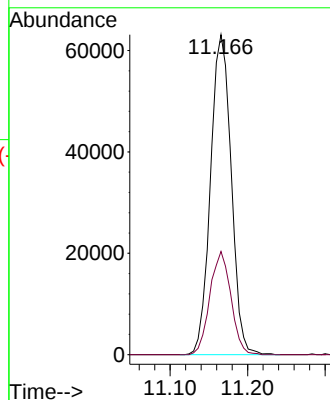
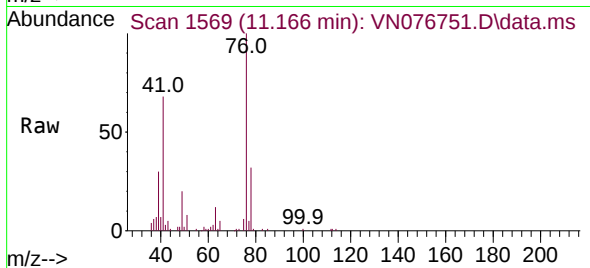
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 118.595 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN076751.D

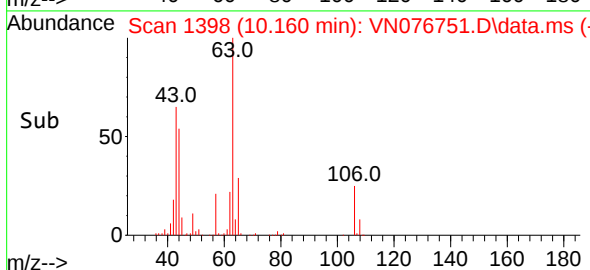
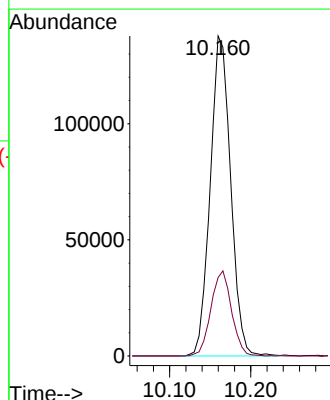
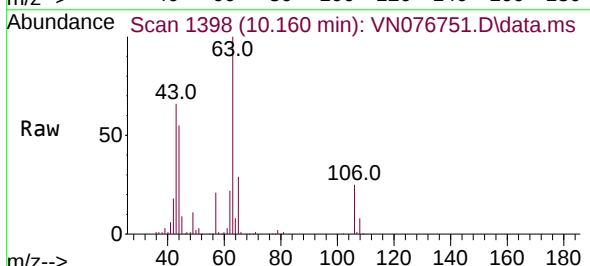
Acq: 21 Feb 2023 15:21

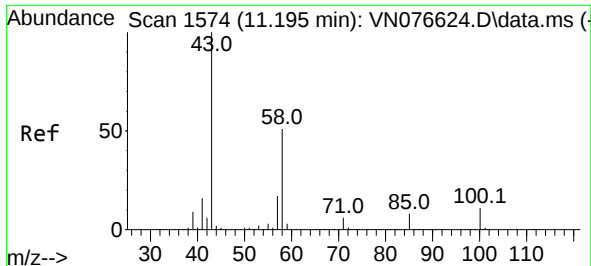
Tgt Ion: 63 Resp: 240960

Ion Ratio Lower Upper

63 100

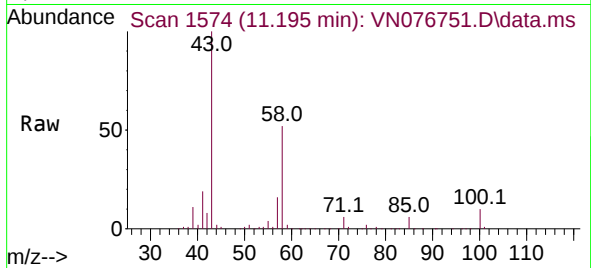
106 26.7 22.3 33.5





#59
2-Hexanone
Concen: 112.713 ug/l
RT: 11.195 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

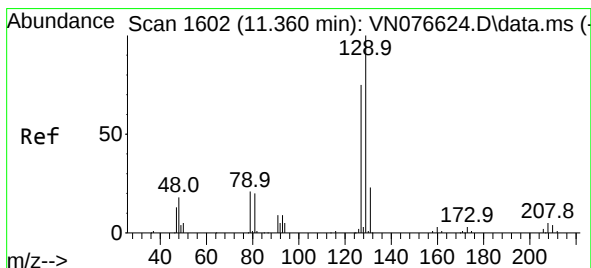
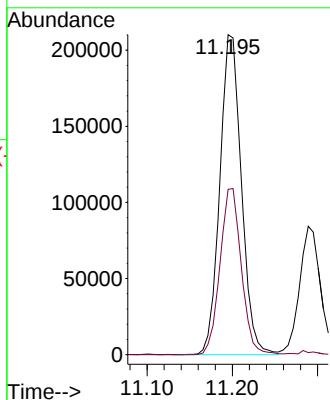
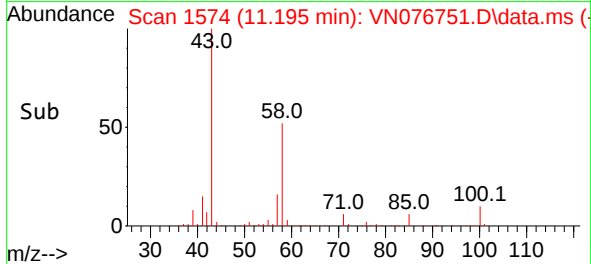
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



Tgt Ion: 43 Resp: 370098
Ion Ratio Lower Upper
43 100
58 51.3 25.4 76.0

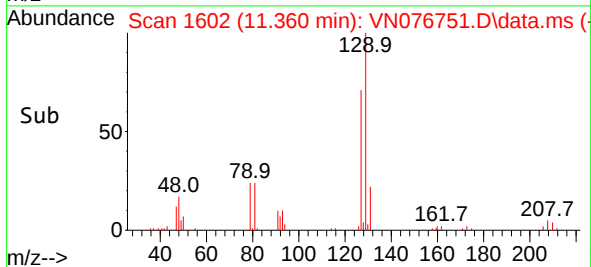
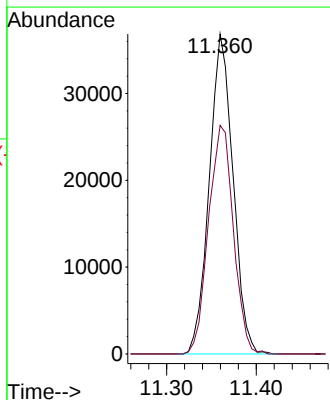
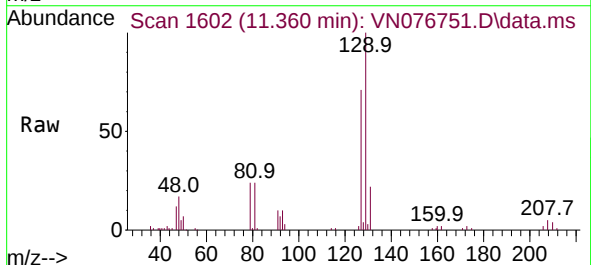
Manual Integrations
APPROVED

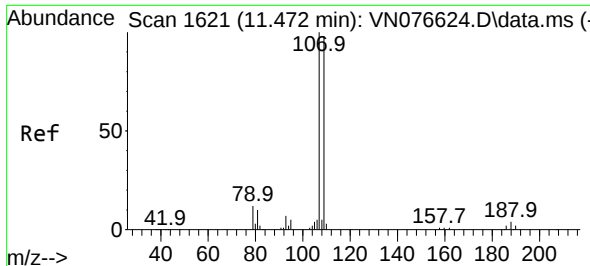
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#60
Dibromochloromethane
Concen: 20.386 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

Tgt Ion:129 Resp: 67717
Ion Ratio Lower Upper
129 100
127 74.7 38.8 116.4





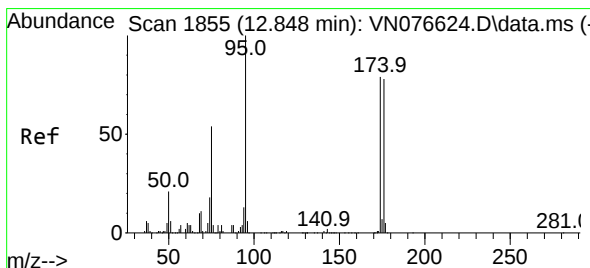
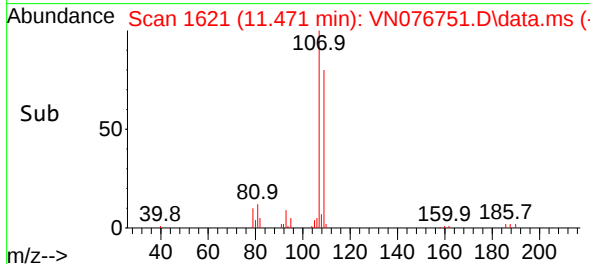
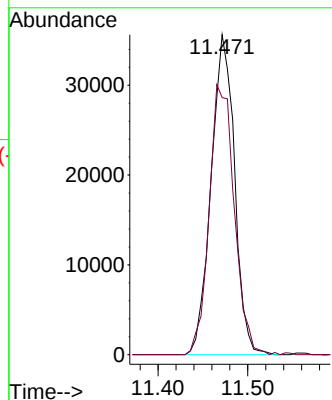
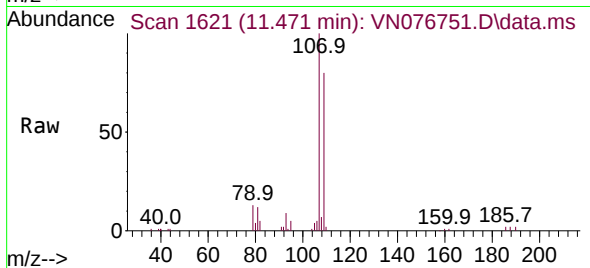
#61
1,2-Dibromoethane
Concen: 20.454 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion:107 Resp: 6452
Ion Ratio Lower Upper
107 100
109 90.6 76.8 115.2

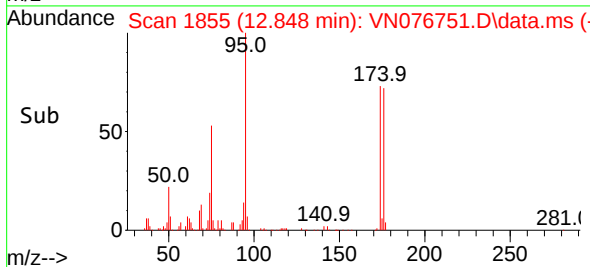
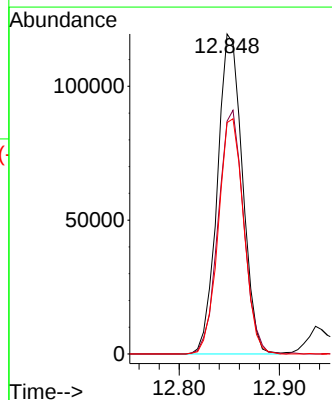
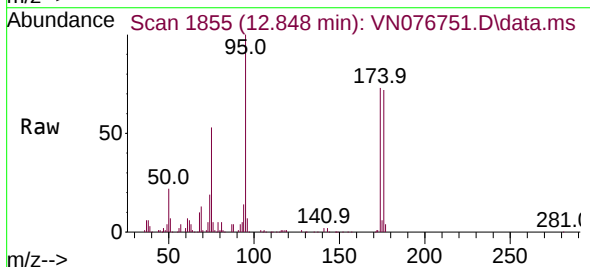
Manual Integrations
APPROVED

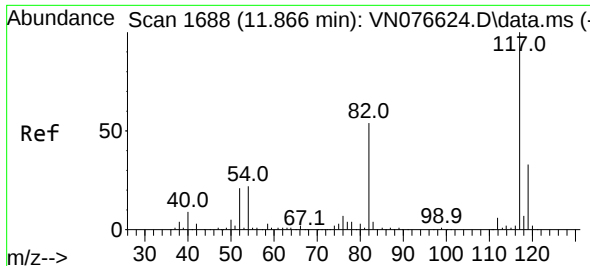
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#62
4-Bromofluorobenzene
Concen: 58.015 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

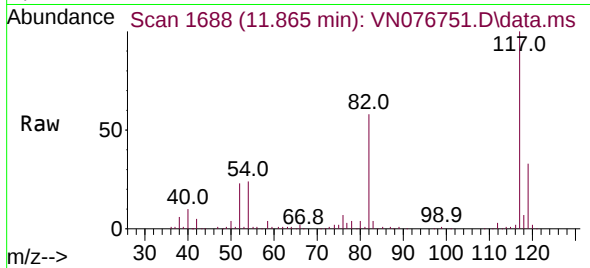
Tgt Ion: 95 Resp: 207634
Ion Ratio Lower Upper
95 100
174 76.8 0.0 169.2
176 74.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1688
Delta R.T. -0.001 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

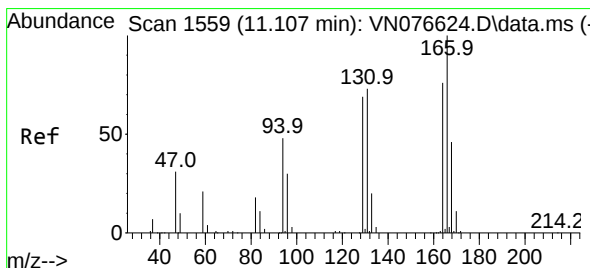
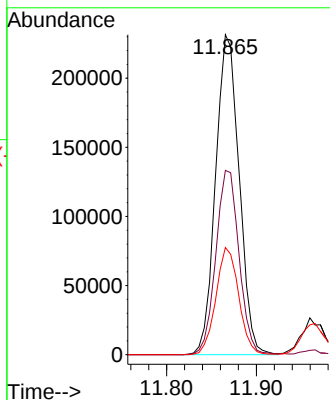
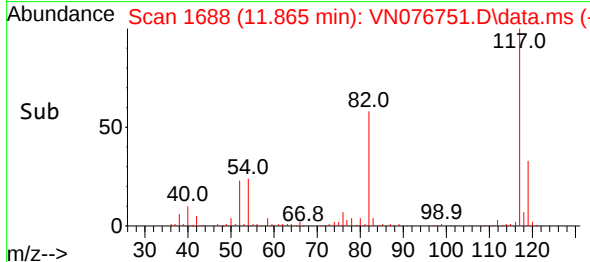
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



Tgt Ion:117 Resp: 422190
Ion Ratio Lower Upper
117 100
82 57.6 43.4 65.2
119 33.5 26.1 39.1

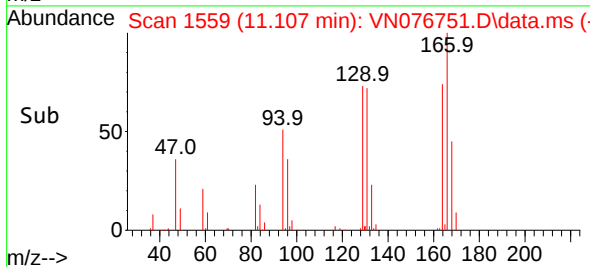
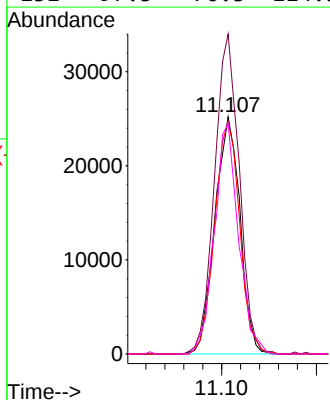
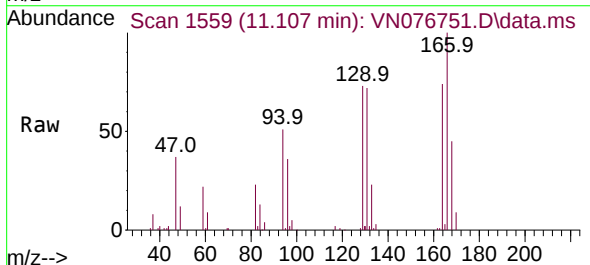
Manual Integrations
APPROVED

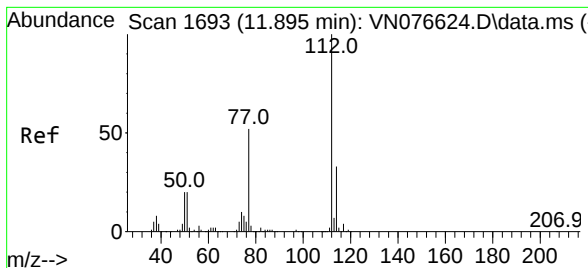
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#64
Tetrachloroethene
Concen: 17.498 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

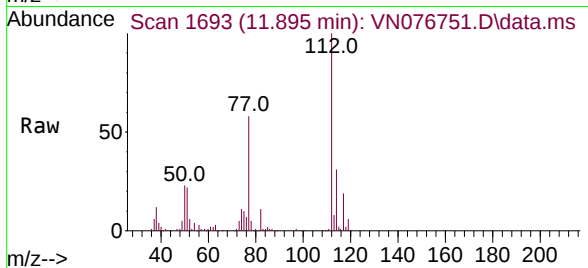
Tgt Ion:164 Resp: 46556
Ion Ratio Lower Upper
164 100
166 135.0 104.8 157.2
129 97.9 72.2 108.2
131 97.3 76.3 114.5





#65
Chlorobenzene
Concen: 18.791 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

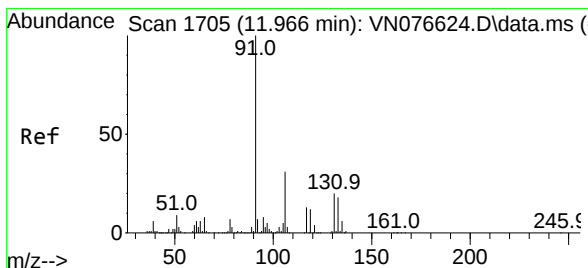
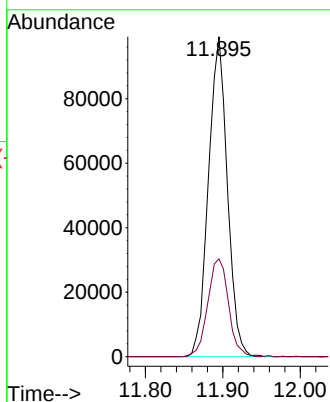
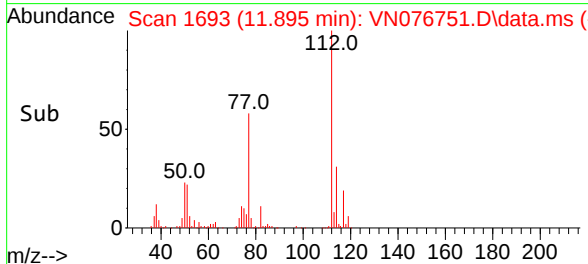
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



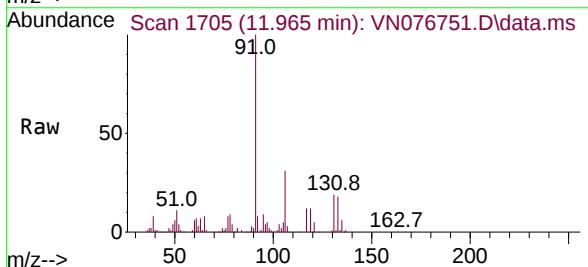
Tgt Ion:112 Resp: 16813
Ion Ratio Lower Upper
112 100
114 30.5 26.4 39.6

Manual Integrations
APPROVED

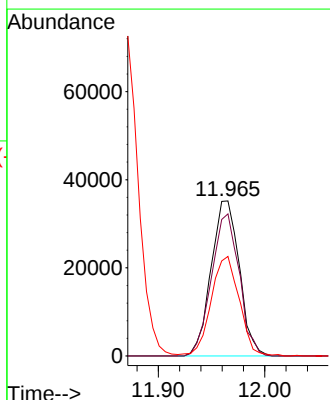
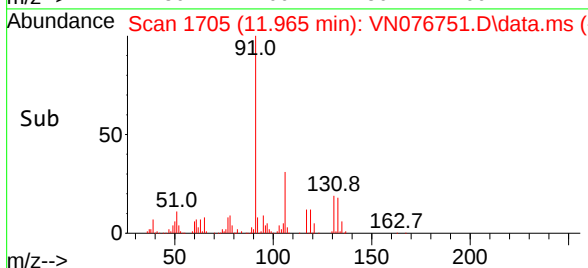
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

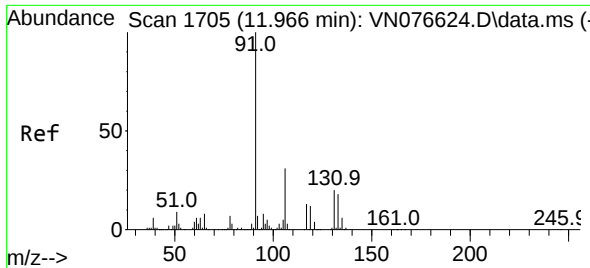


#66
1,1,1,2-Tetrachloroethane
Concen: 19.953 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21



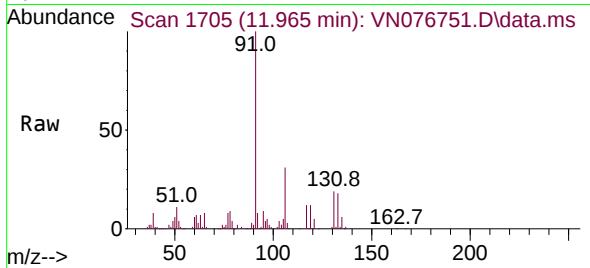
Tgt Ion:131 Resp: 64848
Ion Ratio Lower Upper
131 100
133 89.9 47.0 141.0
119 64.0 32.3 96.8





#67
Ethyl Benzene
Concen: 20.094 ug/l
RT: 11.965 min Scan# 1196
Delta R.T. -0.001 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

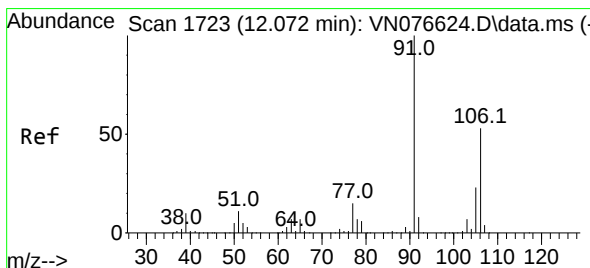
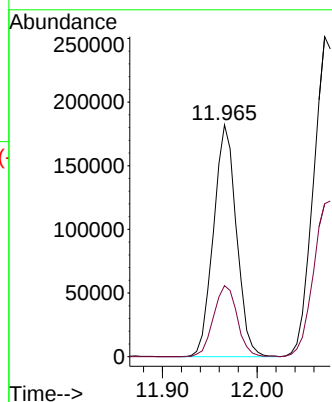
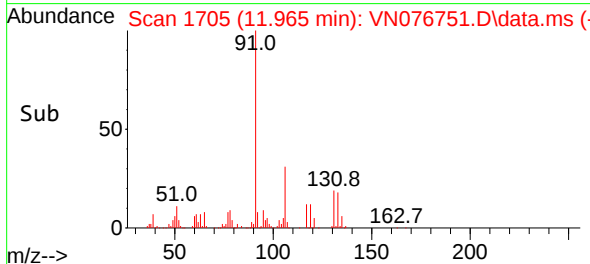
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



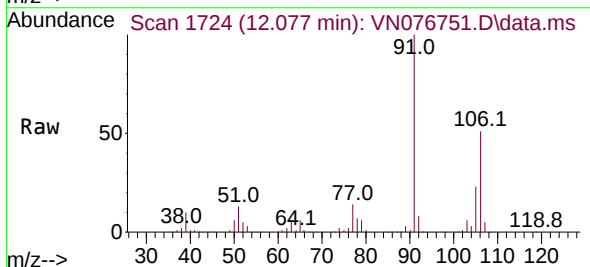
Tgt Ion: 91 Resp: 306300
Ion Ratio Lower Upper
91 100
106 30.6 25.1 37.7

Manual Integrations
APPROVED

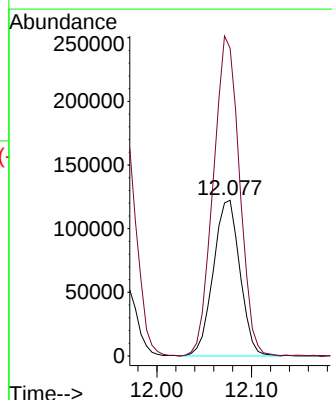
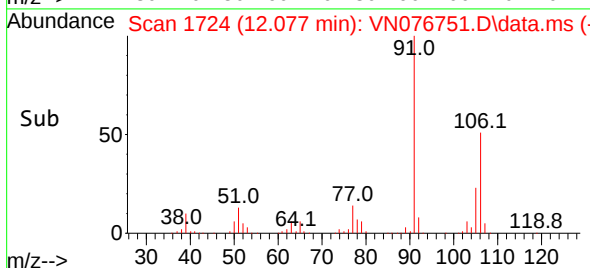
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

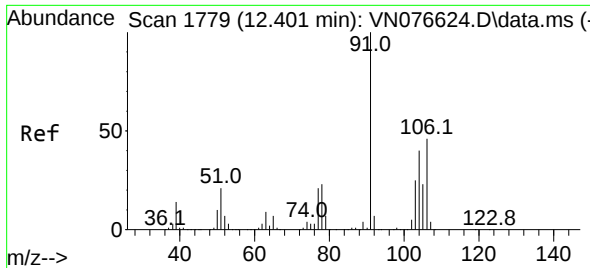


#68
m/p-Xylenes
Concen: 40.653 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.005 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21



Tgt Ion:106 Resp: 238868
Ion Ratio Lower Upper
106 100
91 203.2 154.7 232.1





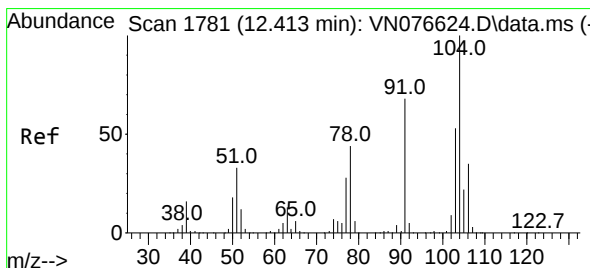
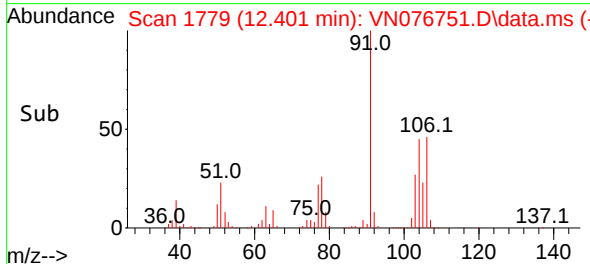
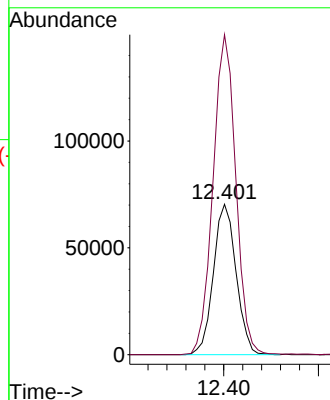
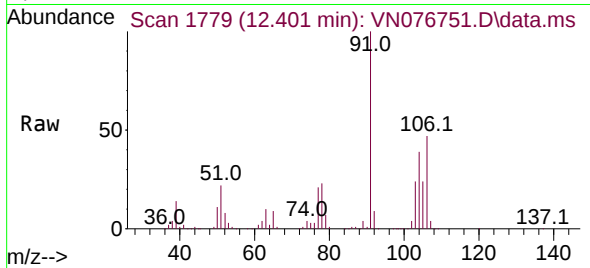
#69
o-Xylene
Concen: 20.463 ug/l
RT: 12.401 min Scan# 117262
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion:106 Resp: 117262
Ion Ratio Lower Upper
106 100
91 213.3 105.8 317.4

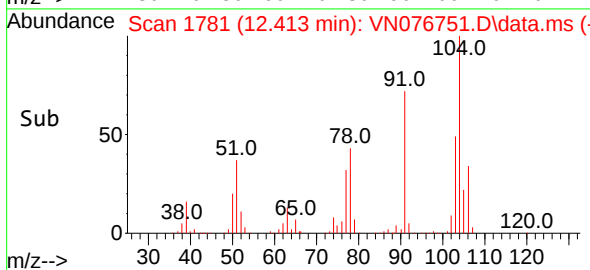
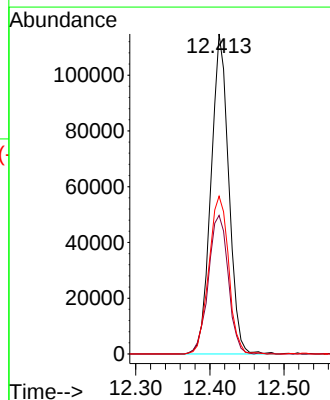
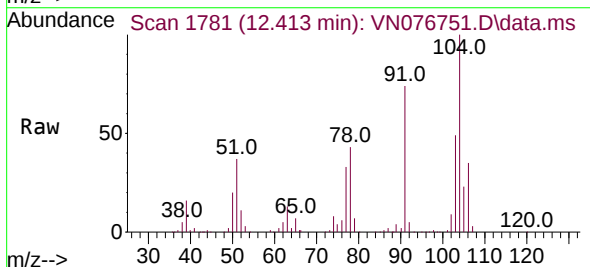
Manual Integrations
APPROVED

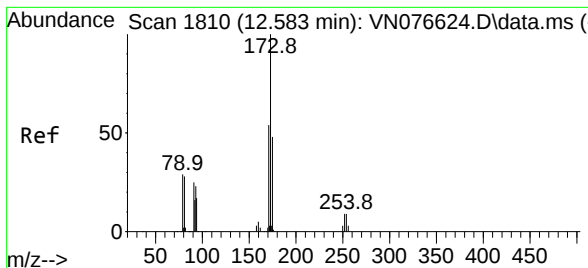
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#70
Styrene
Concen: 20.630 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.001 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

Tgt Ion:104 Resp: 191168
Ion Ratio Lower Upper
104 100
78 48.3 38.2 57.4
103 54.8 44.2 66.4





#71

Bromoform

Concen: 19.211 ug/l

RT: 12.577 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VN076751.D

Acq: 21 Feb 2023 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

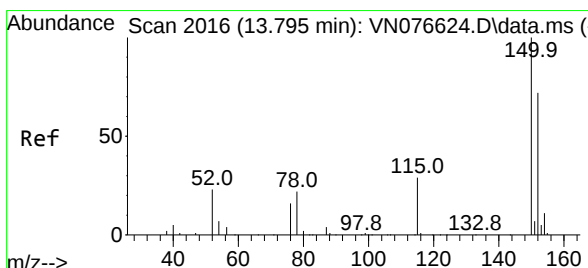
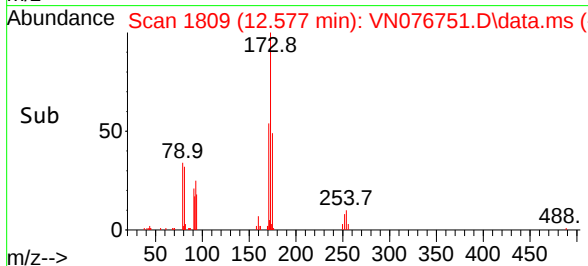
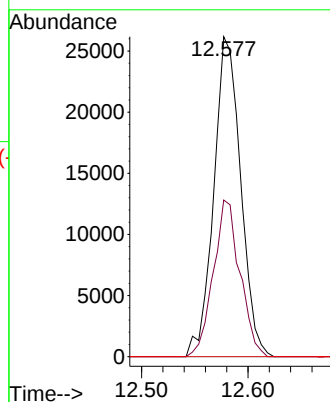
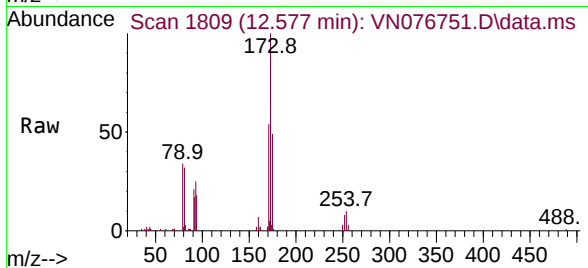
Tgt Ion:173 Resp: 45798
 Ion Ratio Lower Upper
 173 100
 175 48.5 24.9 74.7
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

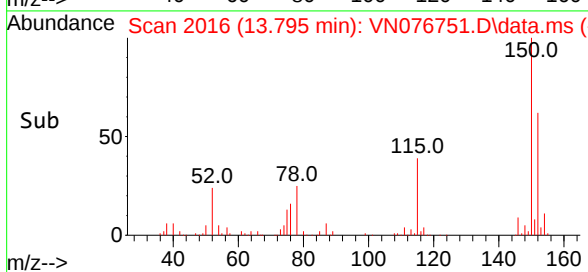
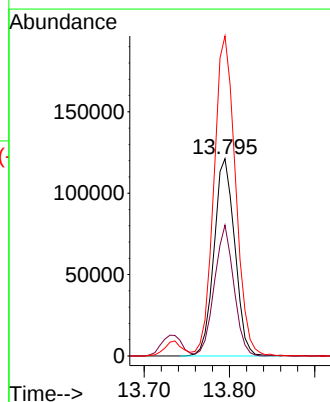
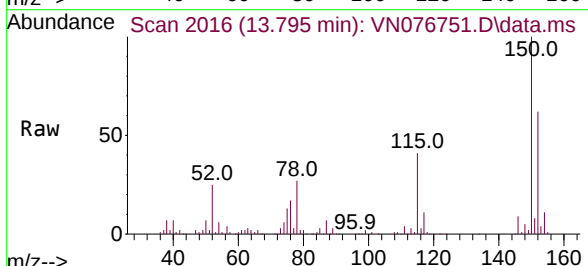
RT: 13.795 min Scan# 2016

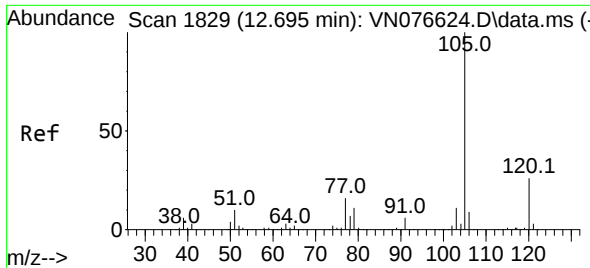
Delta R.T. -0.000 min

Lab File: VN076751.D

Acq: 21 Feb 2023 15:21

Tgt Ion:152 Resp: 204843
 Ion Ratio Lower Upper
 152 100
 115 62.1 29.3 87.9
 150 169.1 0.0 349.8





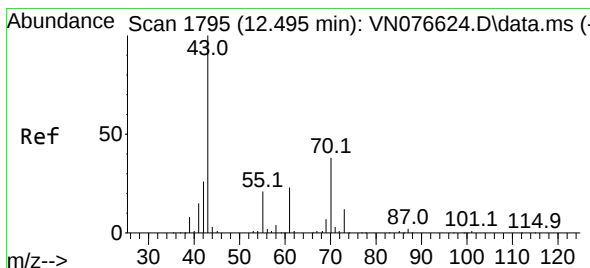
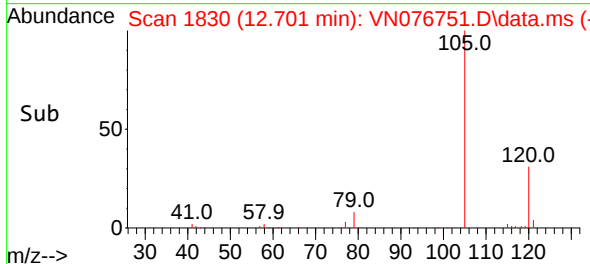
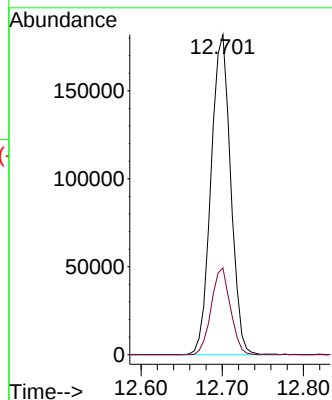
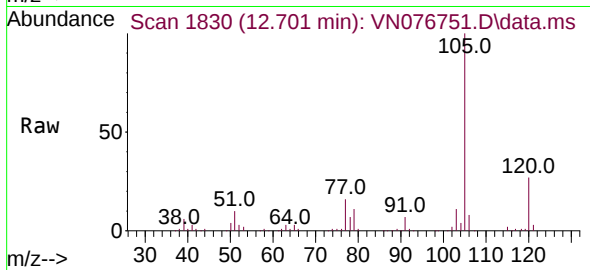
#73
Isopropylbenzene
Concen: 20.388 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion:105 Resp: 306100
Ion Ratio Lower Upper
105 100
120 26.4 13.7 41.0

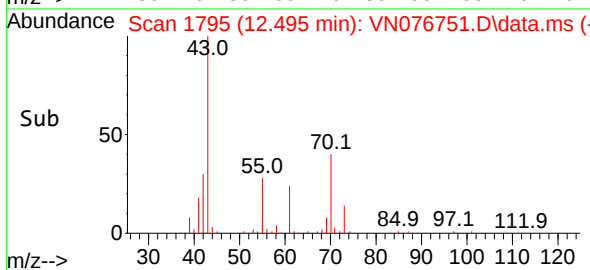
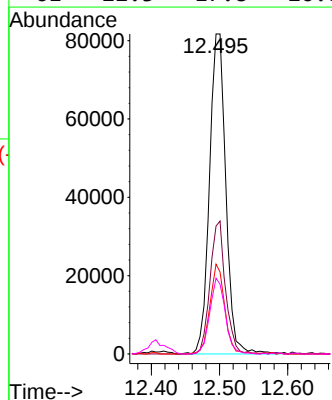
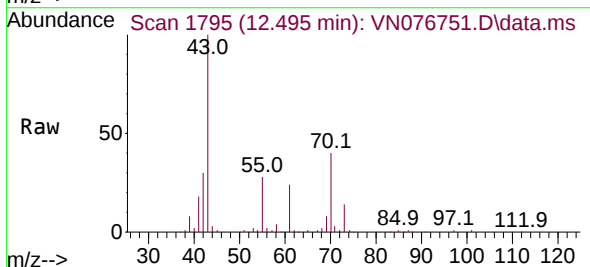
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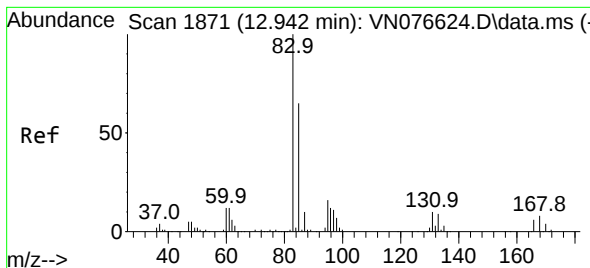
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#74
N-ethyl acetate
Concen: 20.190 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

Tgt Ion: 43 Resp: 136635
Ion Ratio Lower Upper
43 100
70 39.2 30.5 45.7
55 25.4 17.8 26.8
61 22.3 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.160 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN076751.D

Acq: 21 Feb 2023 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01

Tgt Ion: 83 Resp: 10956

Ion Ratio Lower Upper

83 100

131 8.5 5.0 15.0

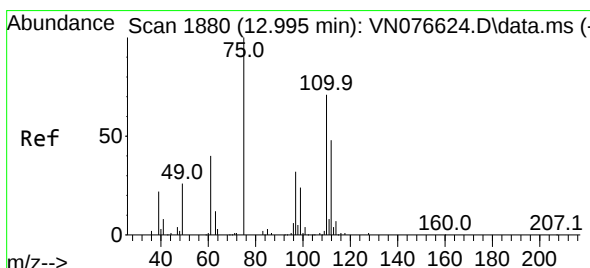
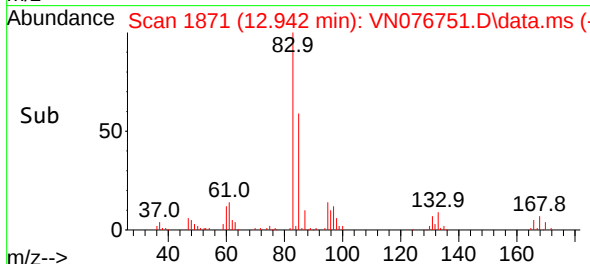
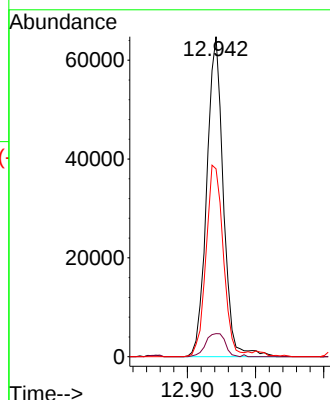
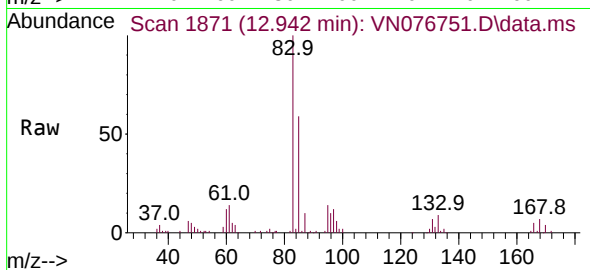
85 62.3 31.8 95.3

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Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#76

1,2,3-Trichloropropane

Concen: 22.456 ug/l m

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN076751.D

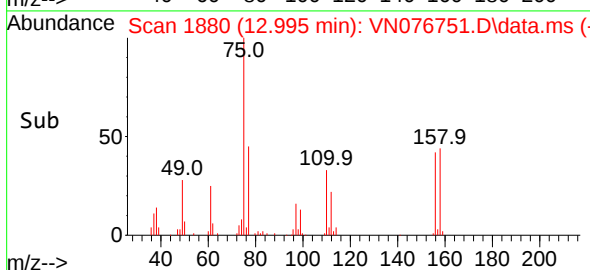
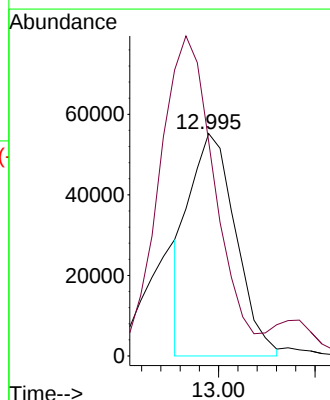
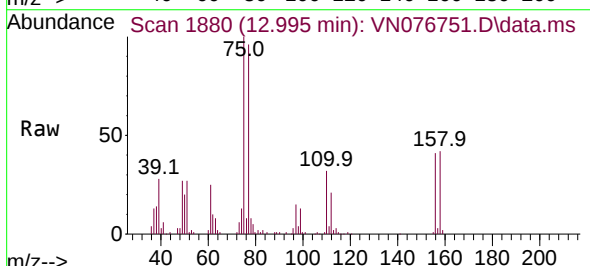
Acq: 21 Feb 2023 15:21

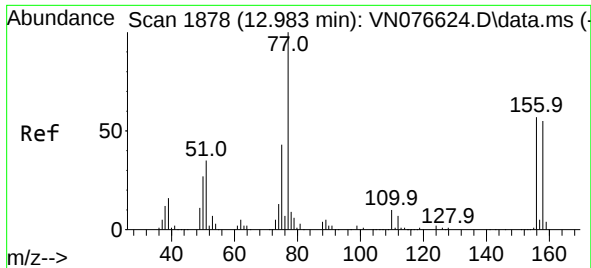
Tgt Ion: 75 Resp: 93000

Ion Ratio Lower Upper

75 100

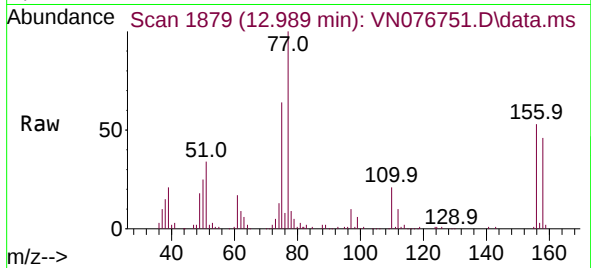
77 173.2 93.1 279.3





#77
Bromobenzene
Concen: 18.888 ug/l
RT: 12.989 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

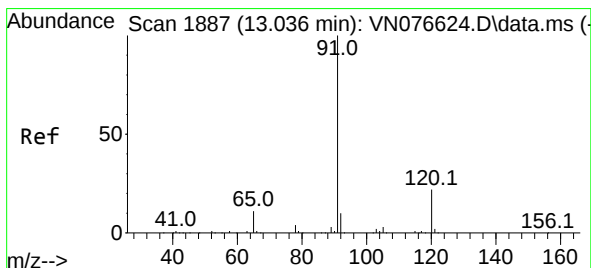
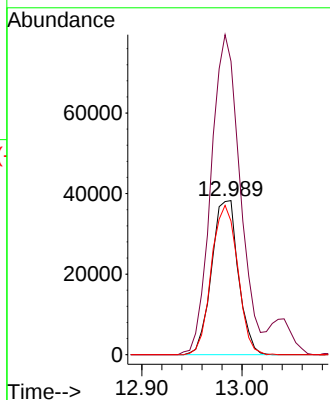
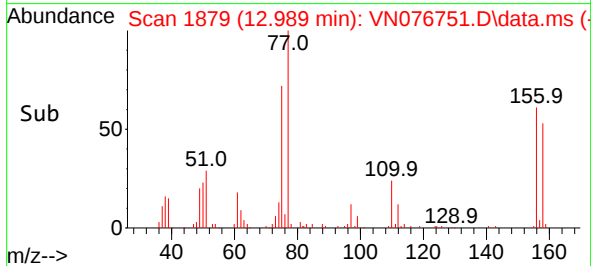
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



Tgt Ion:156 Resp: 7075
Ion Ratio Lower Upper
156 100
77 227.7 102.8 308.4
158 95.4 48.9 146.6

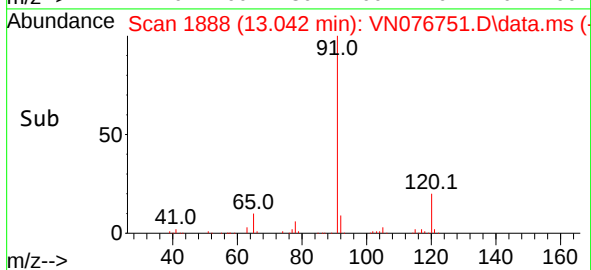
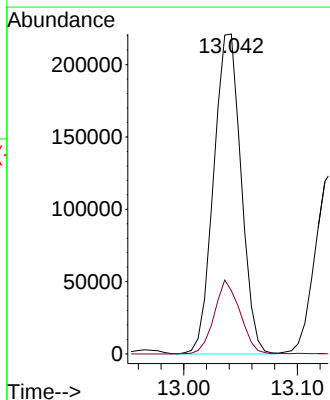
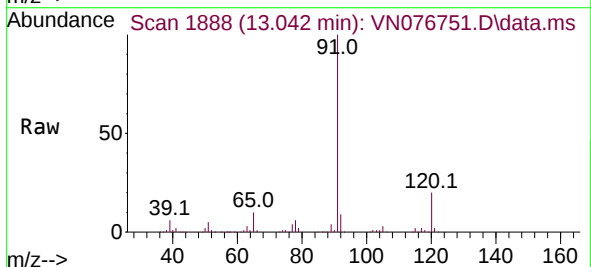
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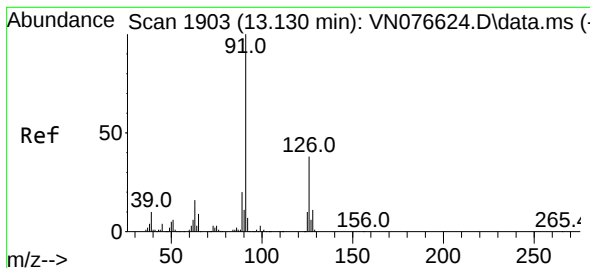
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#78
n-propylbenzene
Concen: 21.041 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

Tgt Ion: 91 Resp: 370975
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.5





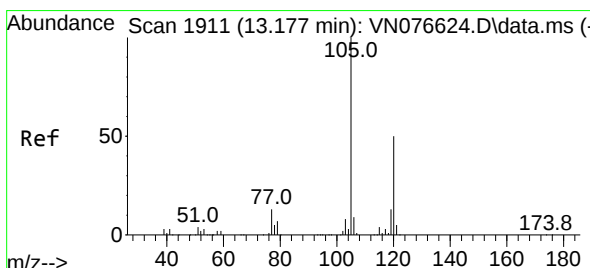
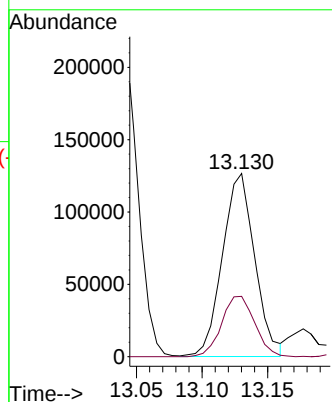
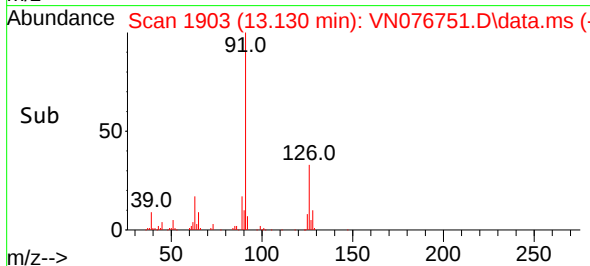
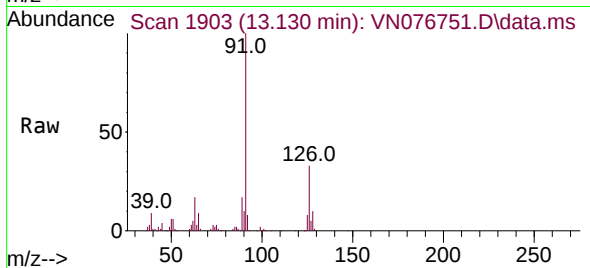
#79
2-Chlorotoluene
Concen: 20.108 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion: 91 Resp: 217070
Ion Ratio Lower Upper
91 100
126 33.8 17.7 53.1

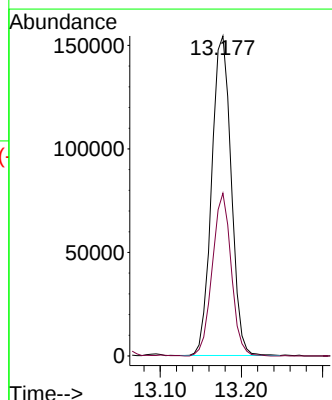
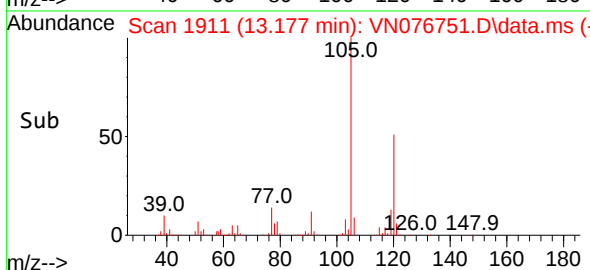
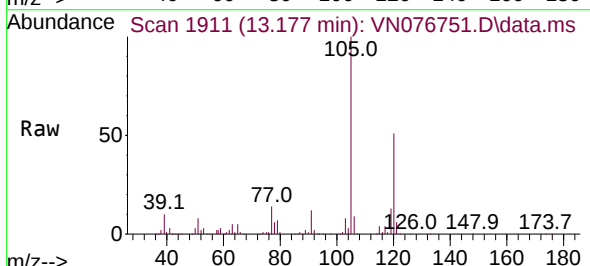
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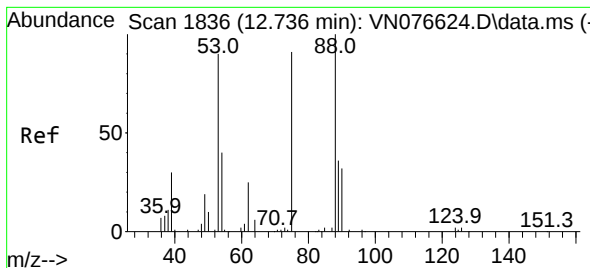
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.743 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

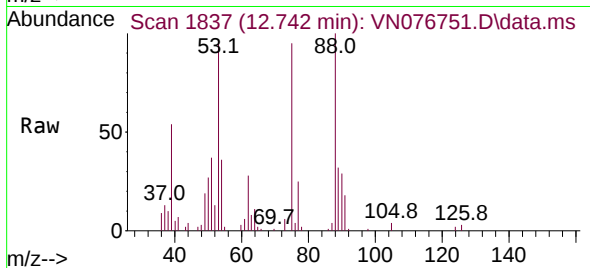
Tgt Ion:105 Resp: 257386
Ion Ratio Lower Upper
105 100
120 49.4 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 22.852 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

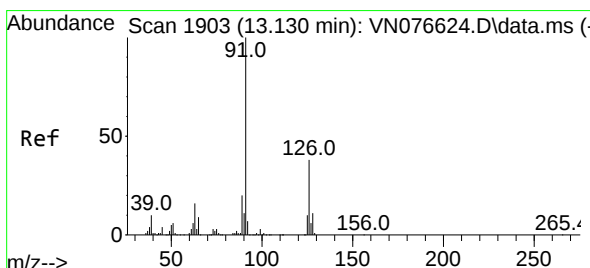
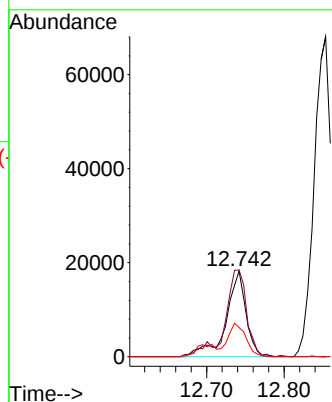
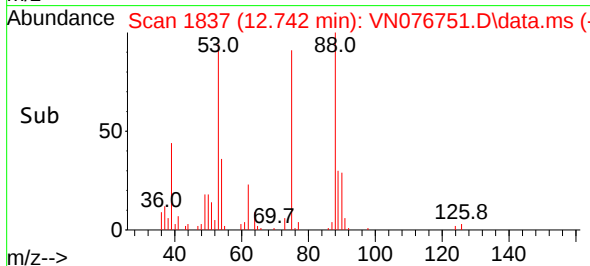
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



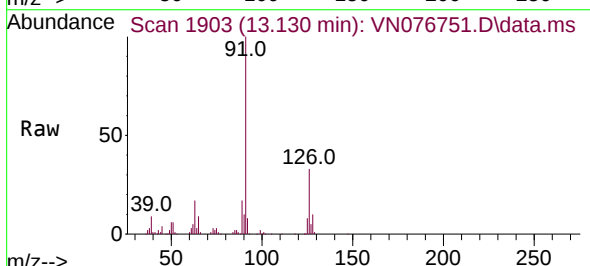
Tgt Ion: 75 Resp: 3249
Ion Ratio Lower Upper
75 100
53 98.8 92.1 138.1
89 35.9 37.5 56.3

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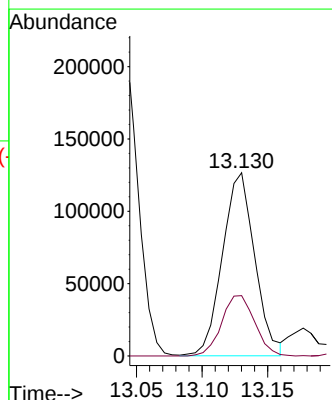
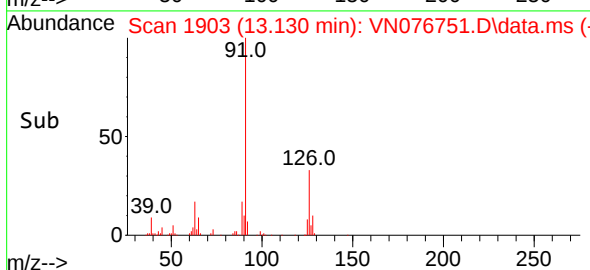
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

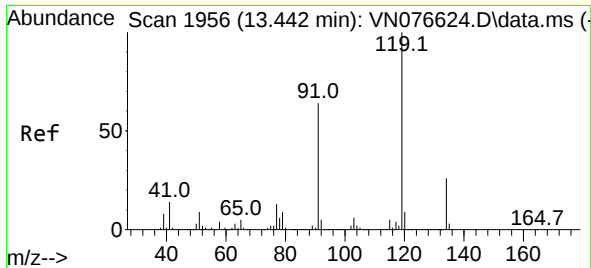


#82
4-Chlorotoluene
Concen: 20.108 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21



Tgt Ion: 91 Resp: 217070
Ion Ratio Lower Upper
91 100
126 33.8 17.7 53.1





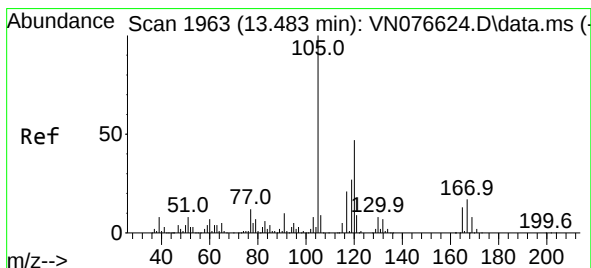
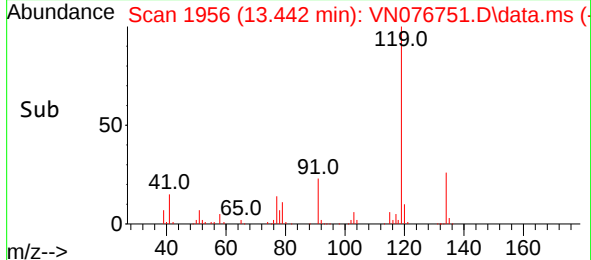
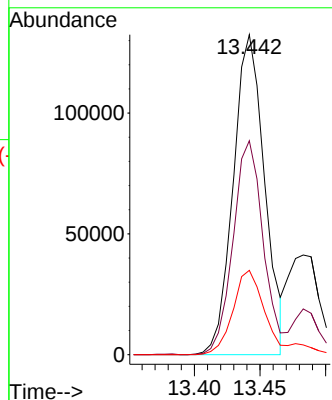
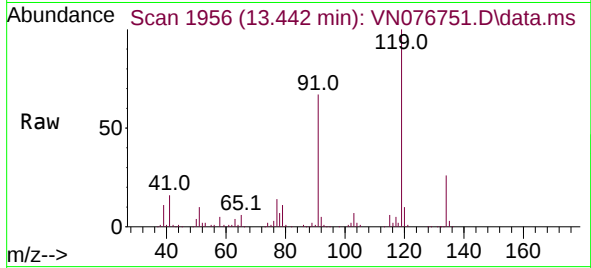
#83
tert-Butylbenzene
Concen: 19.610 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion:119 Resp: 22012
Ion Ratio Lower Upper
119 100
91 65.5 32.0 96.2
134 26.4 13.8 41.4

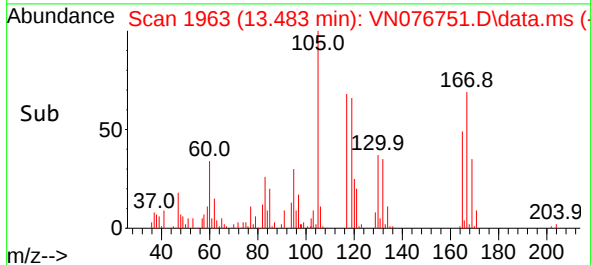
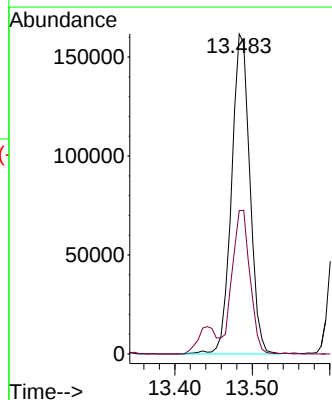
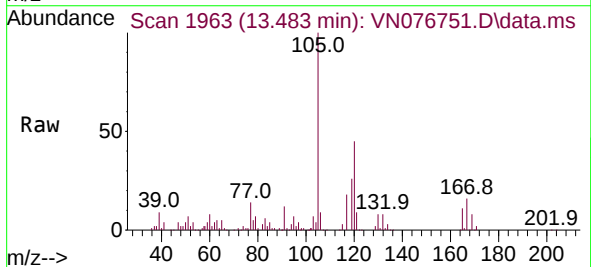
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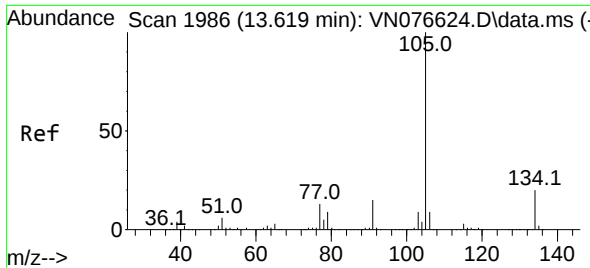
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.480 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

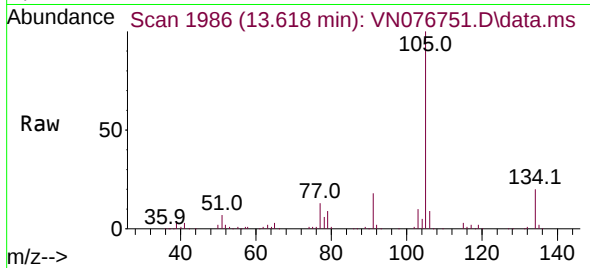
Tgt Ion:105 Resp: 265628
Ion Ratio Lower Upper
105 100
120 44.9 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 21.069 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076751.D
 Acq: 21 Feb 2023 15:21

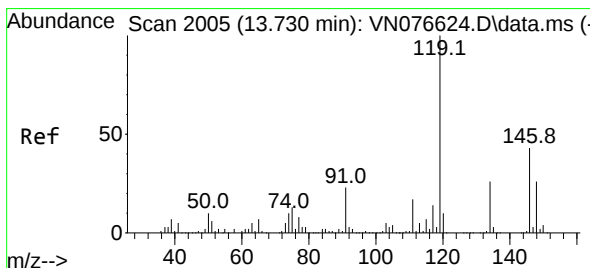
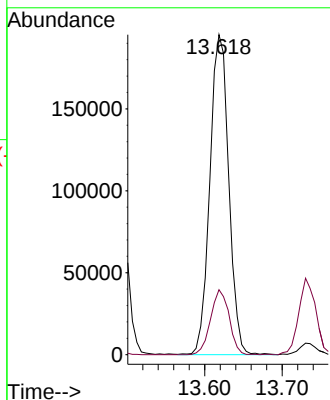
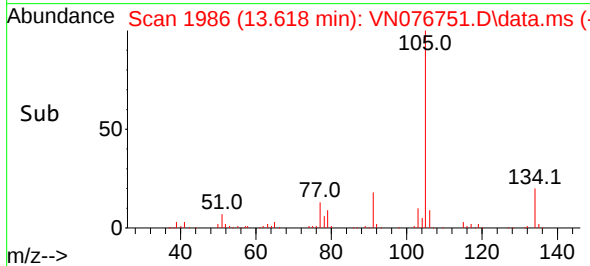
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBSD01



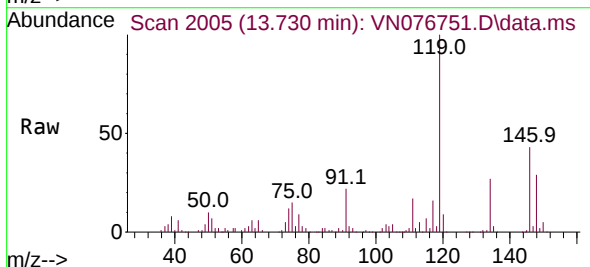
Tgt Ion:105 Resp: 33019
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.5 31.5

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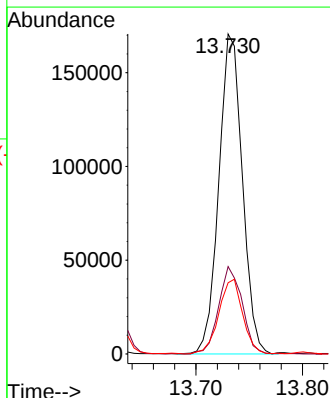
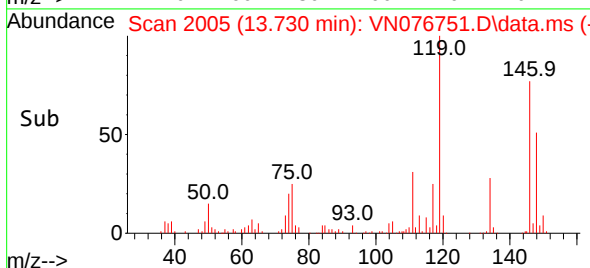
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

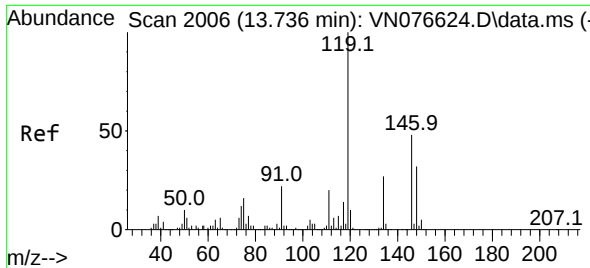


#86
 p-Isopropyltoluene
 Concen: 20.933 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076751.D
 Acq: 21 Feb 2023 15:21



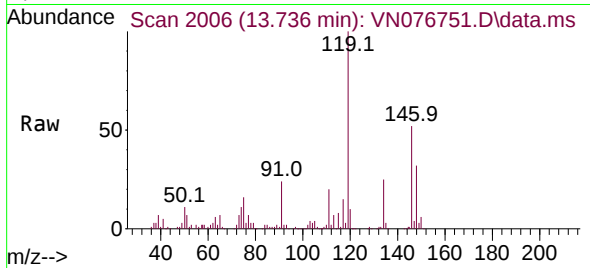
Tgt Ion:119 Resp: 261964
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.1
 91 23.8 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 19.851 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

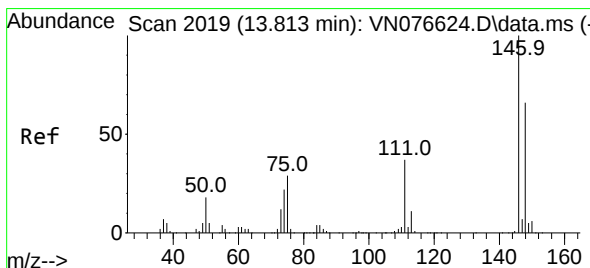
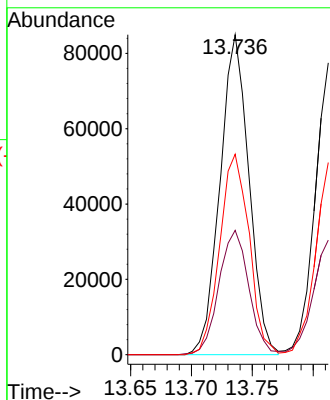
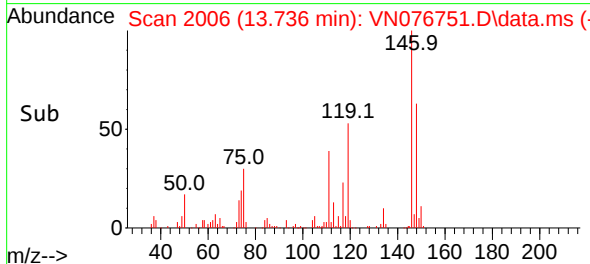
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



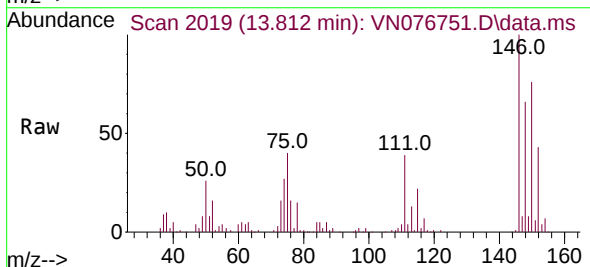
Tgt Ion:146 Resp: 14056
Ion Ratio Lower Upper
146 100
111 40.3 19.8 59.4
148 63.7 32.0 96.2

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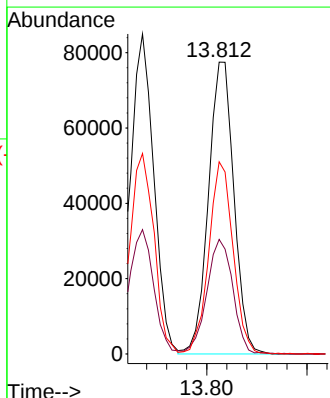
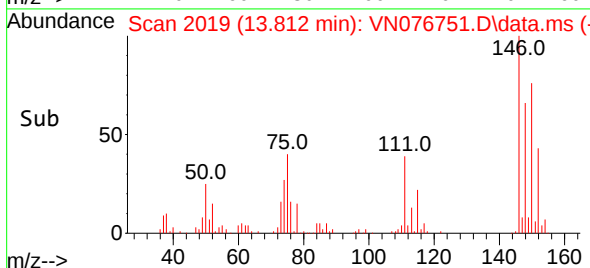
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

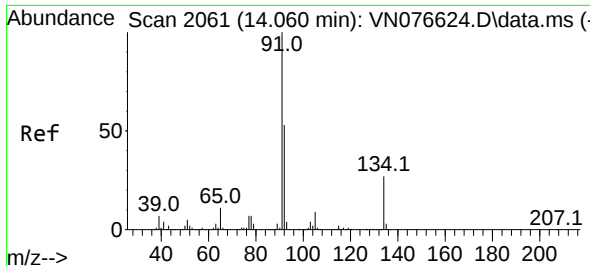


#88
1,4-Dichlorobenzene
Concen: 19.420 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.001 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21



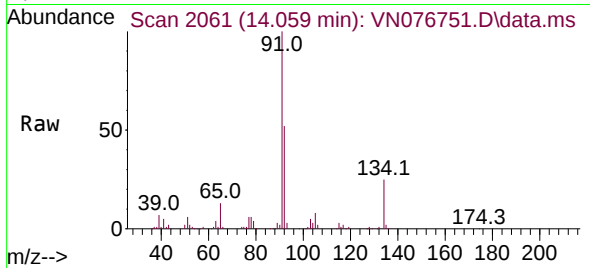
Tgt Ion:146 Resp: 136938
Ion Ratio Lower Upper
146 100
111 40.0 19.4 58.1
148 63.1 32.7 98.1





#89
n-Butylbenzene
Concen: 20.468 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

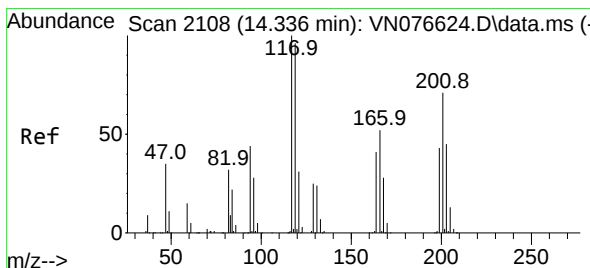
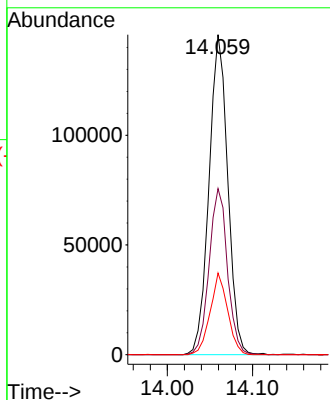
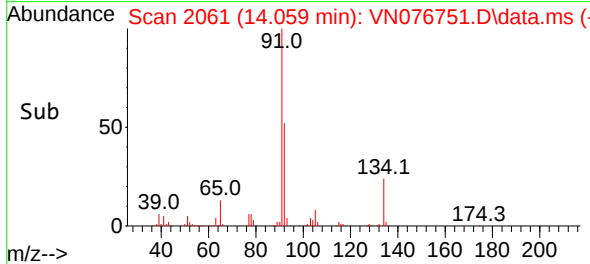
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



Tgt Ion: 91 Resp: 222784
Ion Ratio Lower Upper
91 100
92 50.9 26.4 79.0
134 23.8 13.2 39.5

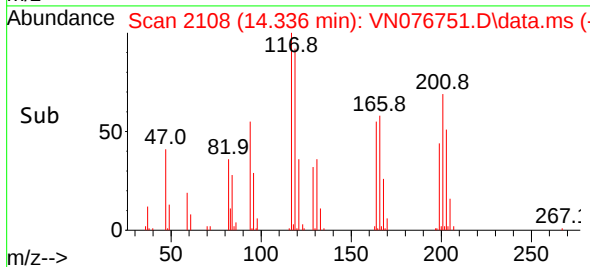
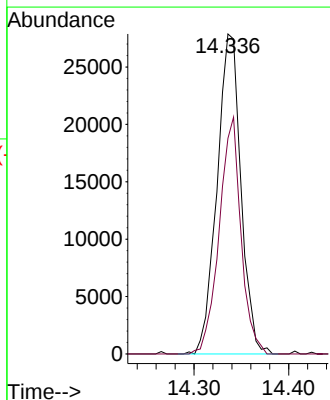
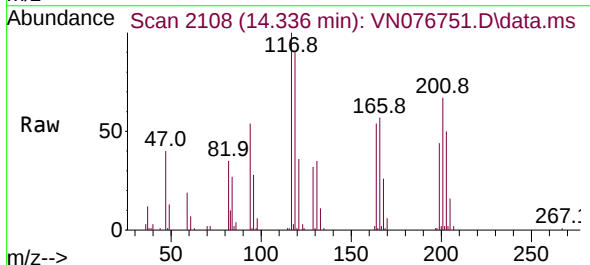
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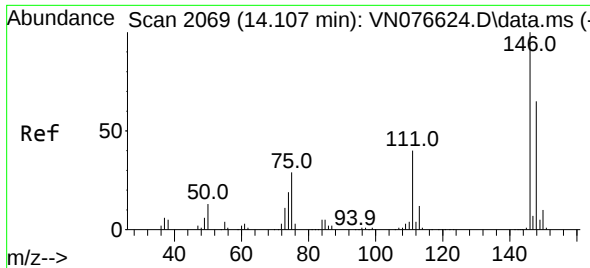
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#90
Hexachloroethane
Concen: 18.667 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

Tgt Ion:117 Resp: 48912
Ion Ratio Lower Upper
117 100
201 67.2 35.5 106.7





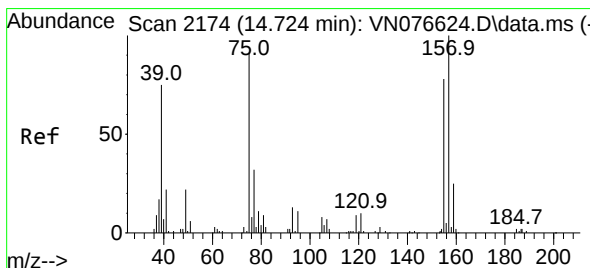
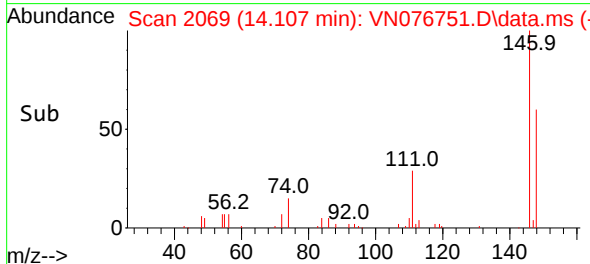
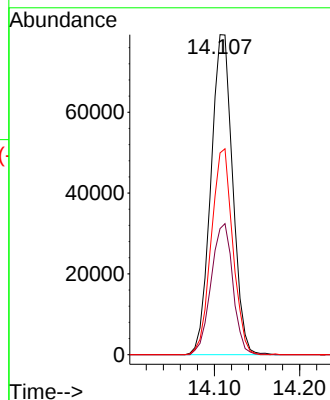
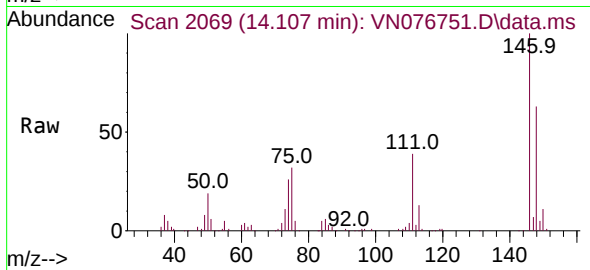
#91
1,2-Dichlorobenzene
Concen: 19.361 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Tgt Ion:146 Resp: 140549
Ion Ratio Lower Upper
146 100
111 40.9 20.0 59.9
148 63.7 32.4 97.2

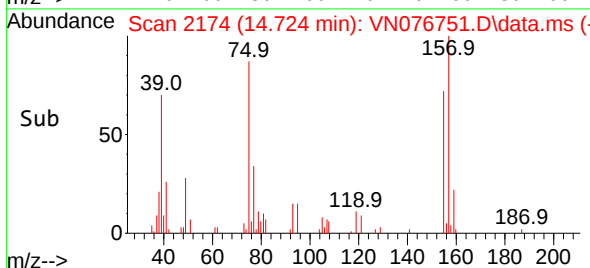
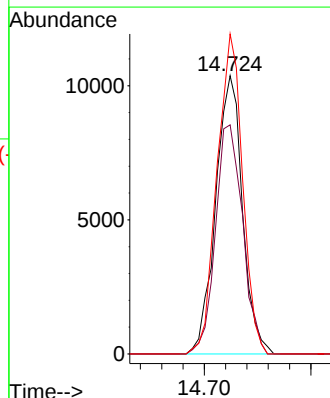
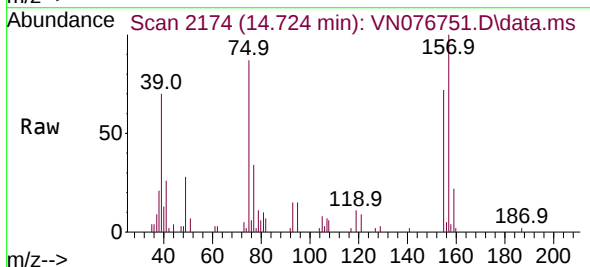
Manual Integrations
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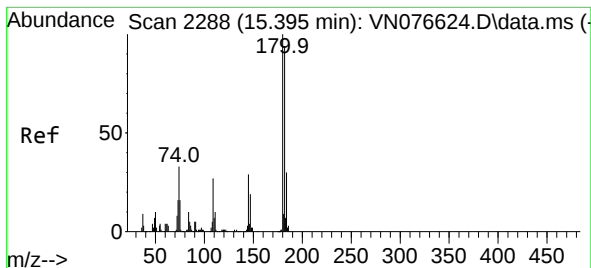
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.196 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

Tgt Ion: 75 Resp: 18106
Ion Ratio Lower Upper
75 100
155 83.4 43.4 130.2
157 109.5 55.2 165.6





#93

1,2,4-Trichlorobenzene

Concen: 18.211 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076751.D

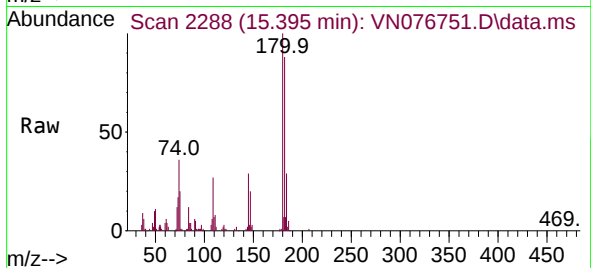
Acq: 21 Feb 2023 15:21

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBSD01



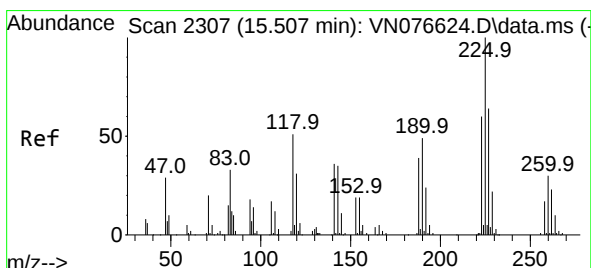
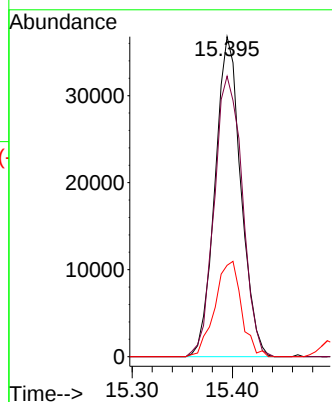
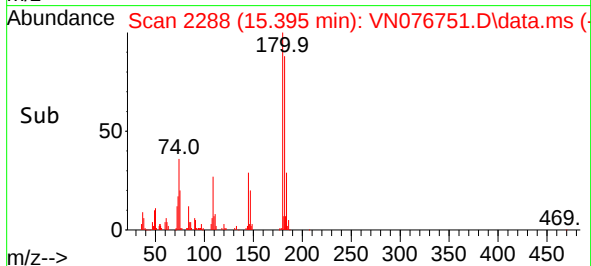
Tgt Ion:	180	Resp:	6594
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.0	144.0
145	30.5	15.2	45.6

Manual Integrations

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Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#94

Hexachlorobutadiene

Concen: 18.770 ug/l

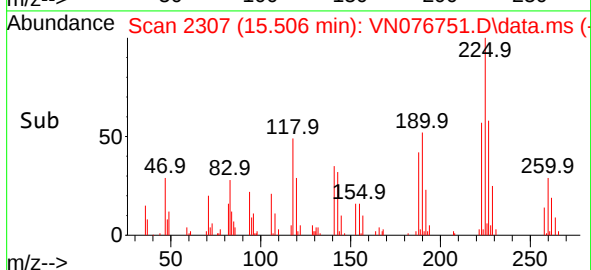
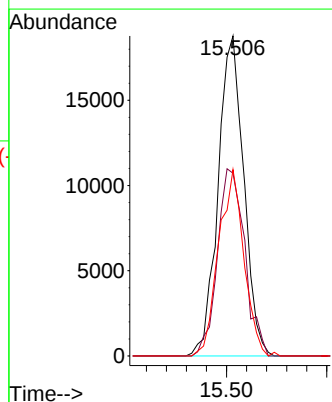
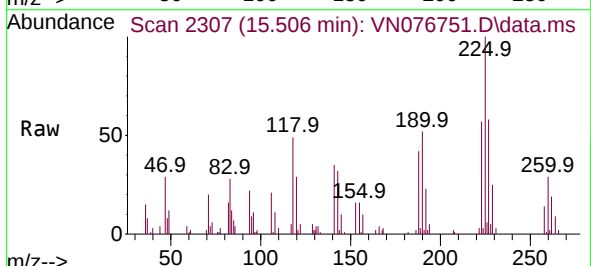
RT: 15.506 min Scan# 2307

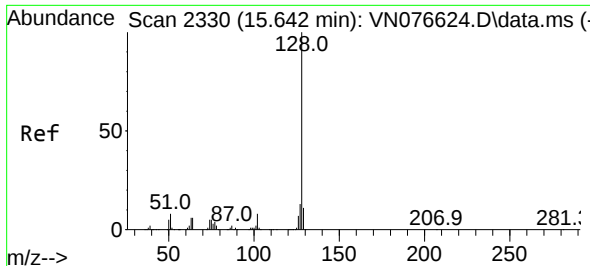
Delta R.T. -0.001 min

Lab File: VN076751.D

Acq: 21 Feb 2023 15:21

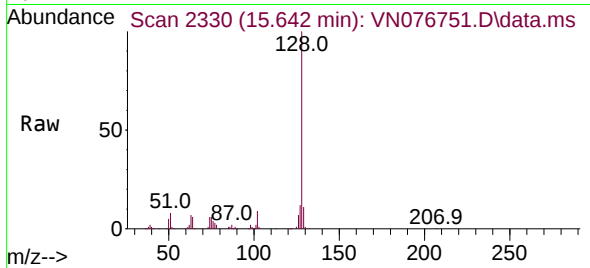
Tgt Ion:	225	Resp:	33313
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.6	95.0
227	57.4	31.3	93.9





#95
Naphthalene
Concen: 18.823 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21

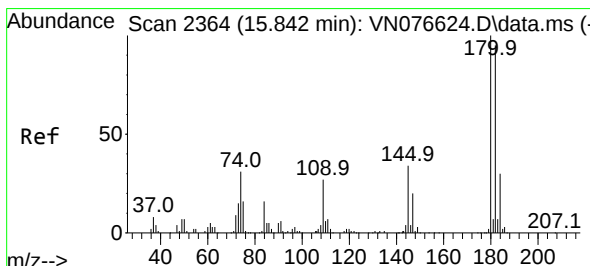
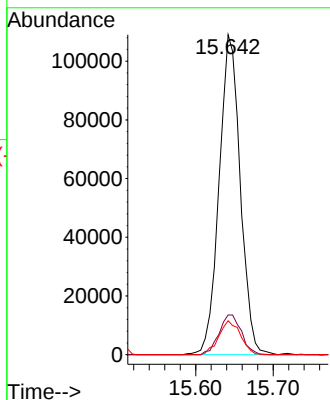
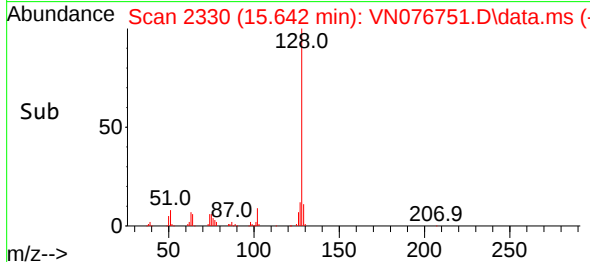
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01



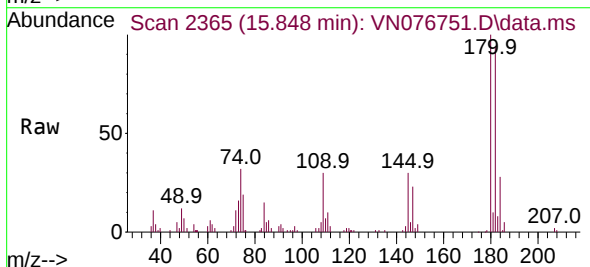
Tgt Ion:128 Resp: 206840
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.8 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.475 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN076751.D
Acq: 21 Feb 2023 15:21



Tgt Ion:180 Resp: 64815
Ion Ratio Lower Upper
180 100
182 96.7 46.7 140.1
145 33.8 16.0 47.9

