

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076946.D
 Acq On : 11 Mar 2023 00:04
 Operator : JC\MD
 Sample : 01854-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33952

Quant Time: Mar 13 01:28:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	375786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	611659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	538634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	238848	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	267477	47.698	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.400%
35) Dibromofluoromethane	8.178	113	191995	47.098	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.200%
50) Toluene-d8	10.572	98	728160	48.467	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.854	95	274833	50.013	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.020%

Target Compounds				Qvalue		
3) Chloromethane	2.372	50	896	0.245	ug/l	94
5) Bromomethane	2.990	94	1754	0.701	ug/l #	70
6) Chloroethane	3.125	64	800	0.371	ug/l #	42
10) Methyl Iodide	4.637	142	4964	1.052	ug/l #	83
11) Tert butyl alcohol	5.537	59	3724	4.774	ug/l #	72
13) Acrolein	4.207	56	338	0.482	ug/l #	14
16) Acetone	4.448	43	30109	15.495	ug/l #	88
17) Carbon Disulfide	4.737	76	19013	1.652	ug/l	99
18) Methyl Acetate	5.048	43	3665	0.511	ug/l #	68
19) Methyl tert-butyl Ether	5.813	73	29430	1.993	ug/l #	89
22) Diisopropyl ether	6.695	45	7129	0.541	ug/l #	61
23) Vinyl Acetate	6.678	43	3325	0.410	ug/l #	64
25) 2-Butanone	7.501	43	6882	2.490	ug/l #	81
31) Cyclohexane	8.230	56	13744	1.708	ug/l #	19
36) 1,1-Dichloropropene	8.236	75	31372	4.976	ug/l #	50
38) Carbon Tetrachloride	8.236	117	43738	5.927	ug/l #	16
39) Methylcyclohexane	9.601	83	5877	0.768	ug/l #	76
40) Benzene	8.619	78	303269	16.319	ug/l	99
43) Isopropyl Acetate	8.719	43	12799	1.438	ug/l #	48
49) 1,4-Dioxane	9.725	88	55	0.666	ug/l #	30
51) 4-Methyl-2-Pentanone	10.448	43	1859	0.348	ug/l	93
52) Toluene	10.636	92	804565	70.343	ug/l	100
59) 2-Hexanone	11.177	43	1135	0.291	ug/l	64
67) Ethyl Benzene	11.966	91	86640	3.911	ug/l	94
68) m/p-Xylenes	12.071	106	311627	37.424	ug/l	84
69) o-Xylene	12.401	106	220644	27.294	ug/l	81
70) Styrene	12.401	104	13493	1.033	ug/l #	1
73) Isopropylbenzene	12.701	105	12461	0.585	ug/l	98
76) 1,2,3-Trichloropropane	12.848	75	150515	25.992	ug/l #	1
78) n-propylbenzene	13.036	91	14836	0.626	ug/l	99
79) 2-Chlorotoluene	13.101	91	23423	1.524	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.177	105	119064	6.567	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.848	75	150515	84.904	ug/l #	15
82) 4-Chlorotoluene	13.177	91	13899	0.957	ug/l #	39
83) tert-Butylbenzene	13.677	119	10931	0.710	ug/l	77
84) 1,2,4-Trimethylbenzene	13.483	105	280887	15.486	ug/l	92

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Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration

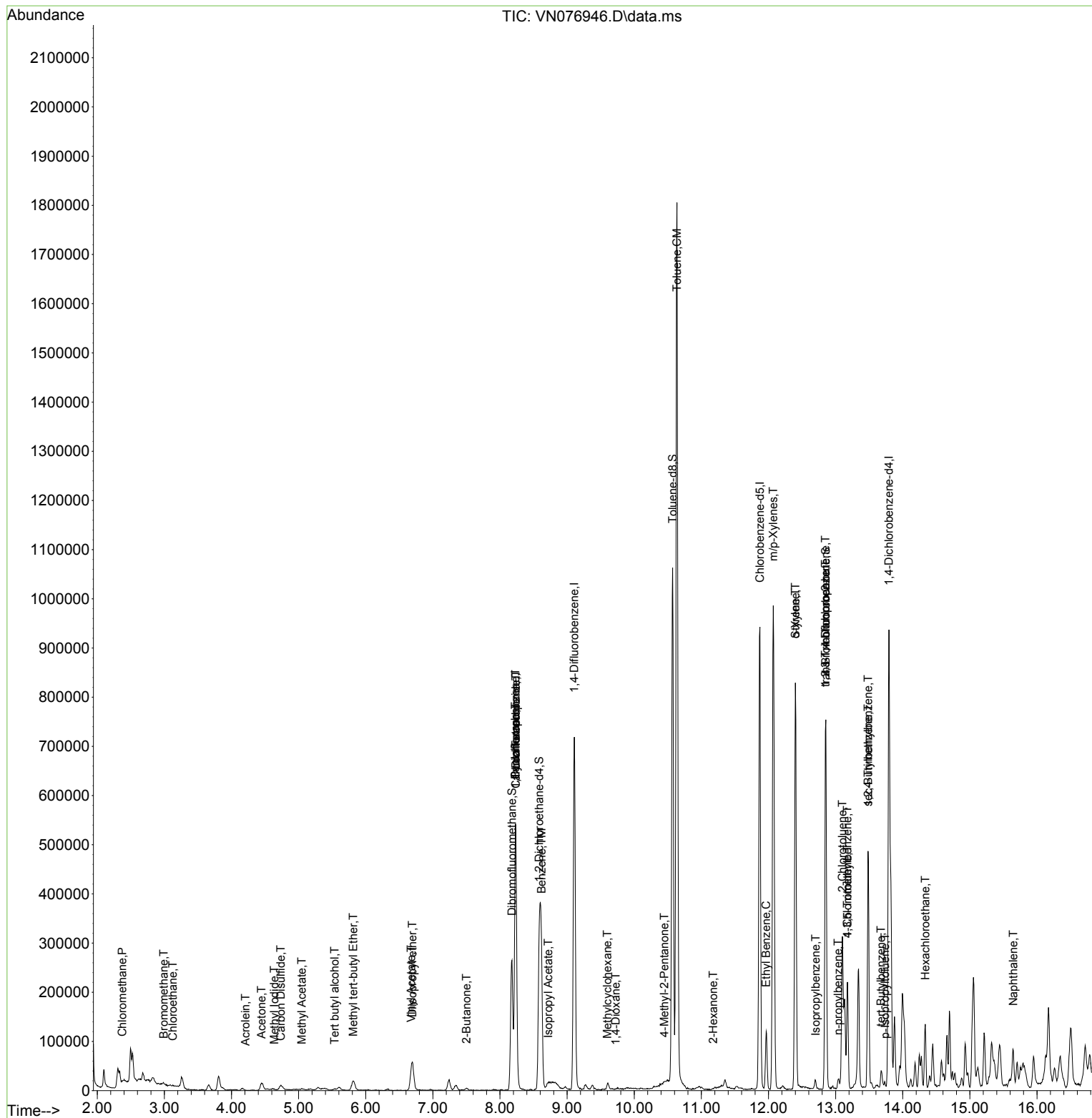
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.483	105	280887	13.305	ug/l #	55
86) p-Isopropyltoluene	13.736	119	5305	0.311	ug/l	91
90) Hexachloroethane	14.336	117	7912	2.415	ug/l #	18
95) Naphthalene	15.648	128	60234	4.178	ug/l	98

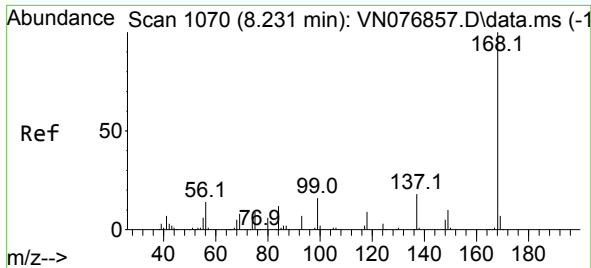
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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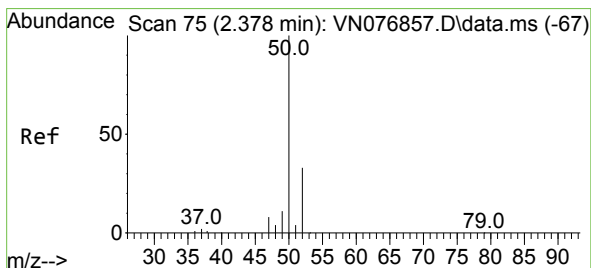
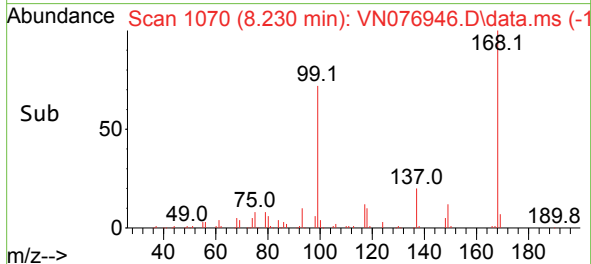
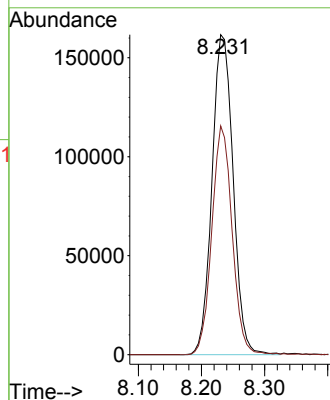
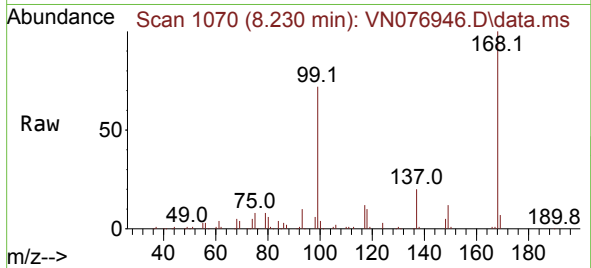




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

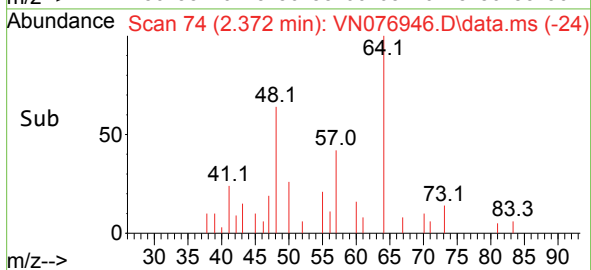
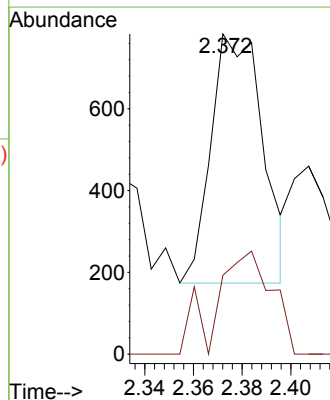
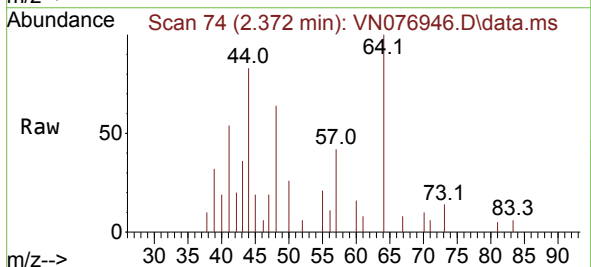
Instrument :
MSVOA_N
ClientSampleId :
33952

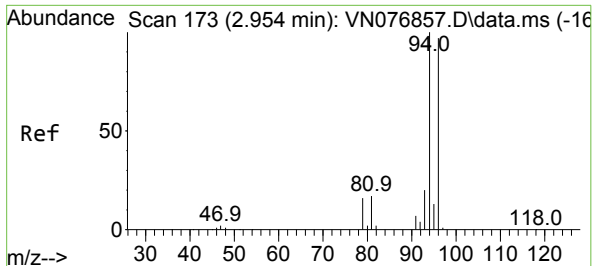
Tgt Ion:168 Resp: 375786
Ion Ratio Lower Upper
168 100
99 71.5 48.6 73.0



#3
Chloromethane
Concen: 0.245 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

Tgt Ion: 50 Resp: 896
Ion Ratio Lower Upper
50 100
52 31.7 27.9 41.9

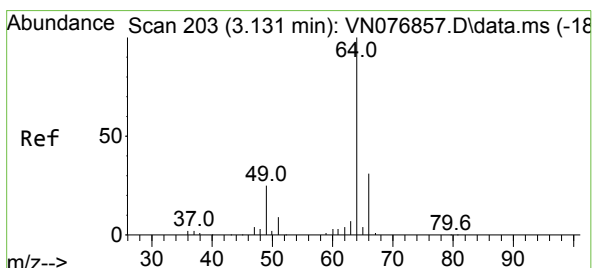
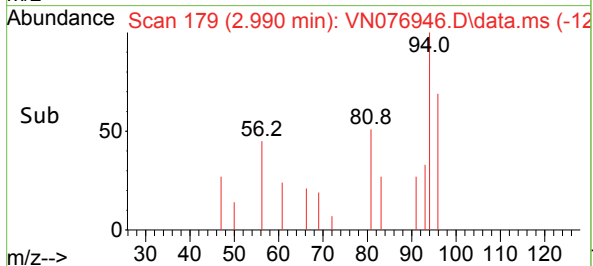
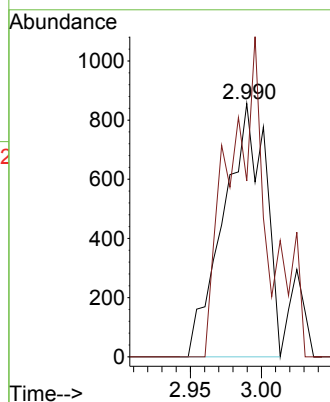
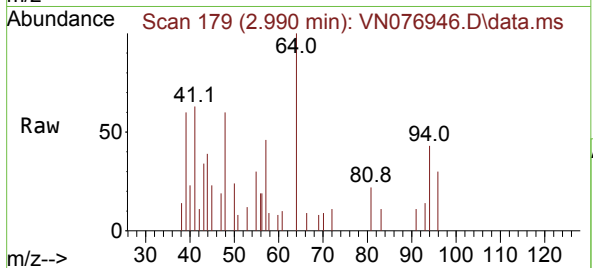




#5
Bromomethane
Concen: 0.701 ug/l
RT: 2.990 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

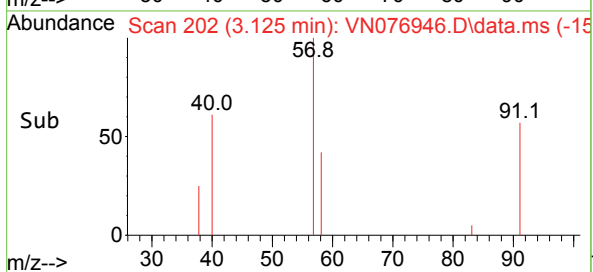
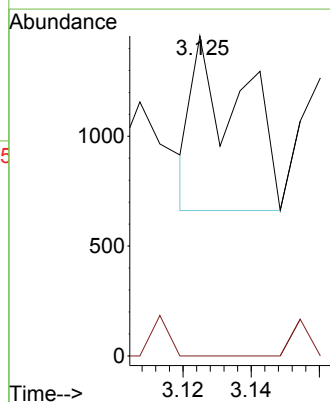
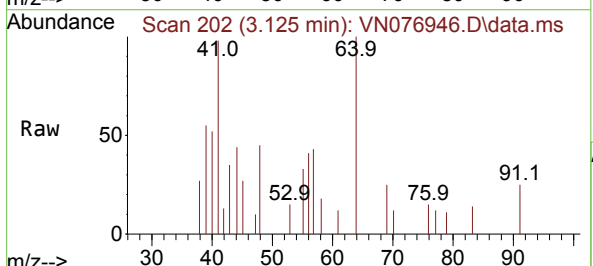
Instrument :
MSVOA_N
ClientSampleId :
33952

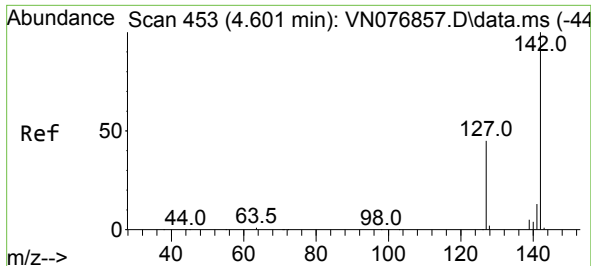
Tgt Ion: 94 Resp: 1754
Ion Ratio Lower Upper
94 100
96 69.4 79.0 118.6#



#6
Chloroethane
Concen: 0.371 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.006 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

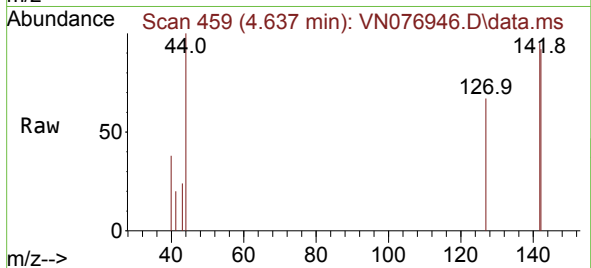
Tgt Ion: 64 Resp: 800
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



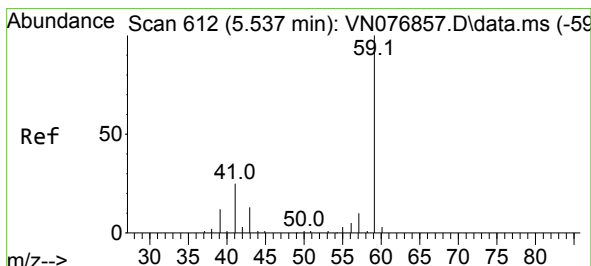
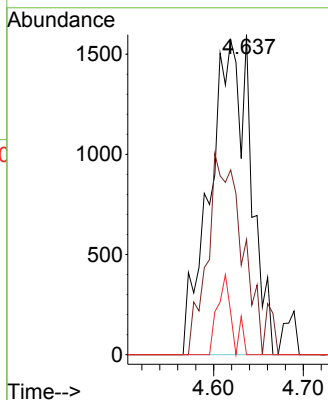
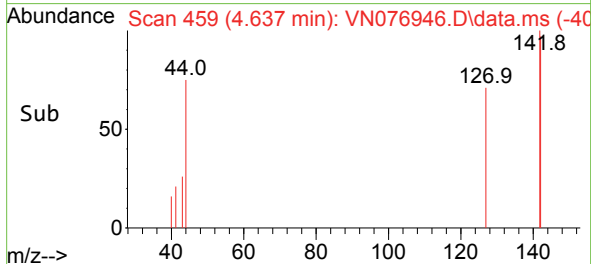


#10
Methyl Iodide
Concen: 1.052 ug/l
RT: 4.637 min Scan# 410
Delta R.T. 0.035 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

Instrument :
MSVOA_N
ClientSampleId :
33952

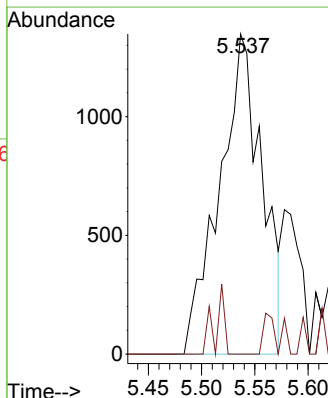
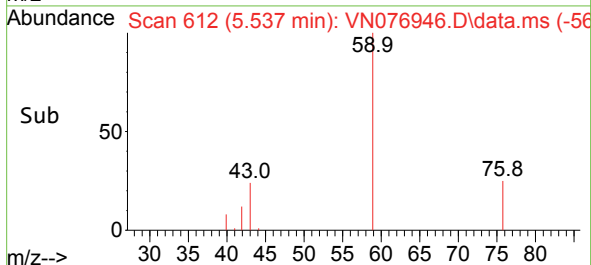
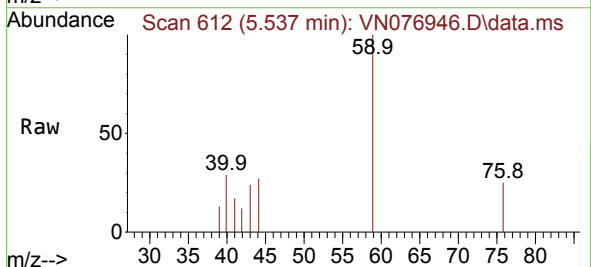


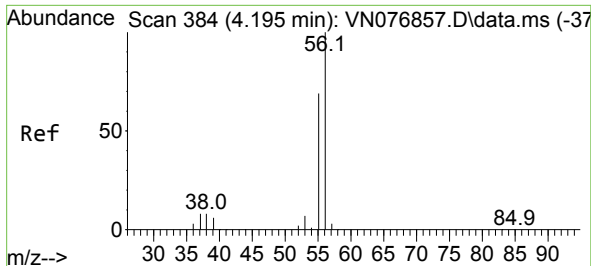
Tgt Ion:142 Resp: 4964
Ion Ratio Lower Upper
142 100
127 35.9 35.2 52.8
141 0.0 10.2 15.2#



#11
Tert butyl alcohol
Concen: 4.774 ug/l
RT: 5.537 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

Tgt Ion: 59 Resp: 3724
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#





#13

Acrolein

Concen: 0.482 ug/l

RT: 4.207 min Scan# 338

Delta R.T. 0.017 min

Lab File: VN076946.D

Acq: 11 Mar 2023 00:04

Instrument :

MSVOA_N

ClientSampleId :

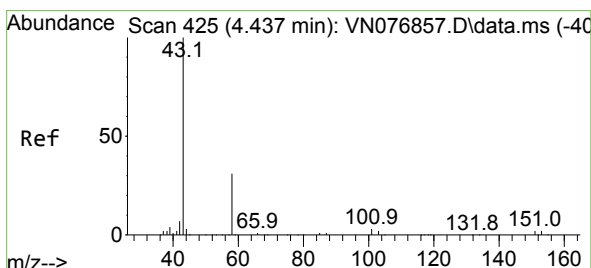
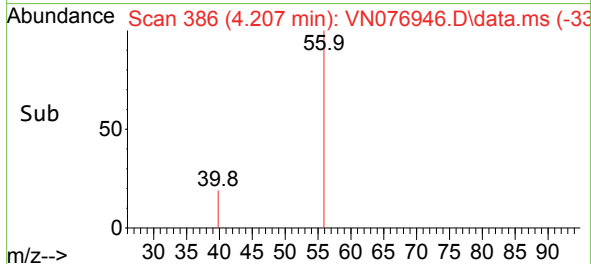
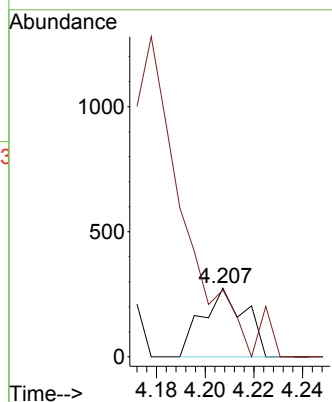
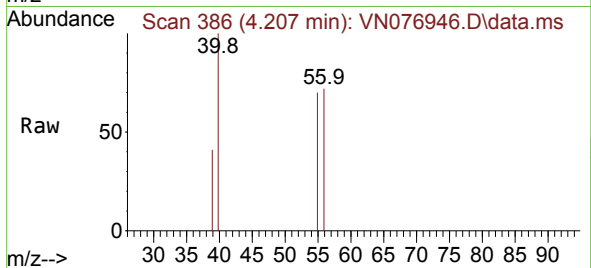
33952

Tgt Ion: 56 Resp: 338

Ion Ratio Lower Upper

56 100

55 0.0 56.7 85.1#



#16

Acetone

Concen: 15.495 ug/l

RT: 4.448 min Scan# 427

Delta R.T. 0.012 min

Lab File: VN076946.D

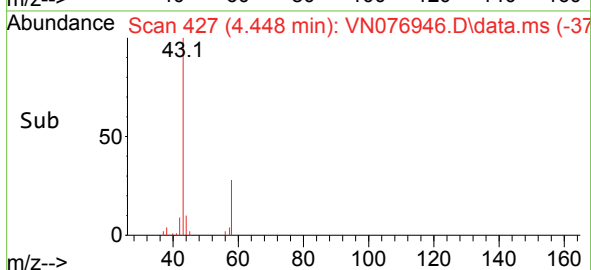
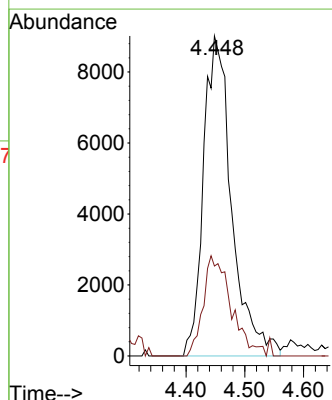
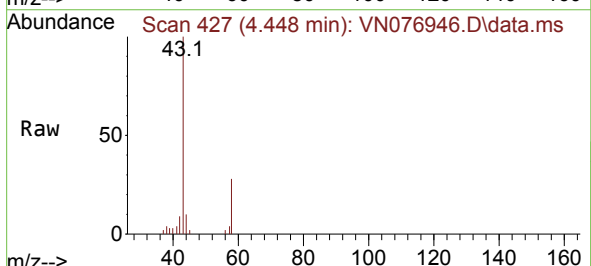
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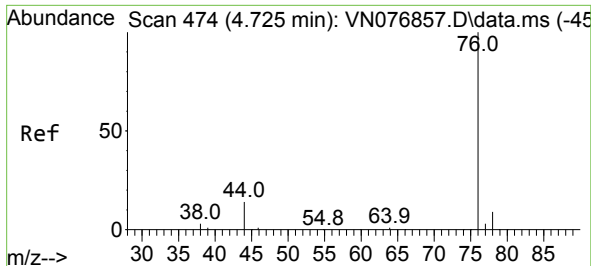
Tgt Ion: 43 Resp: 30109

Ion Ratio Lower Upper

43 100

58 28.1 28.2 42.2#





#17

Carbon Disulfide

Concen: 1.652 ug/l

RT: 4.737 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN076946.D

Acq: 11 Mar 2023 00:04

Instrument :

MSVOA_N

ClientSampleId :

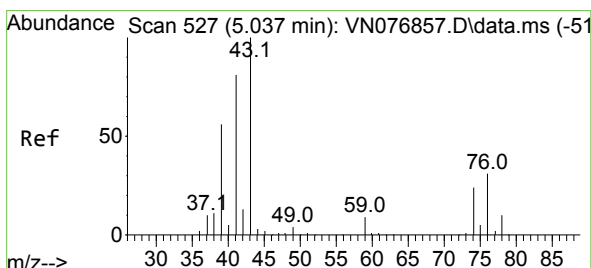
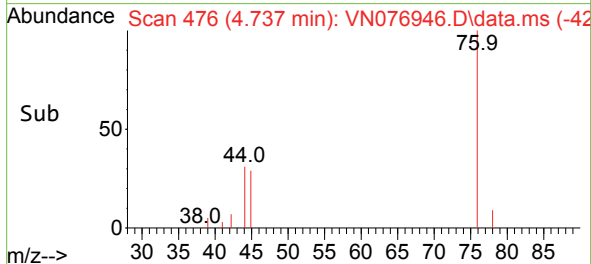
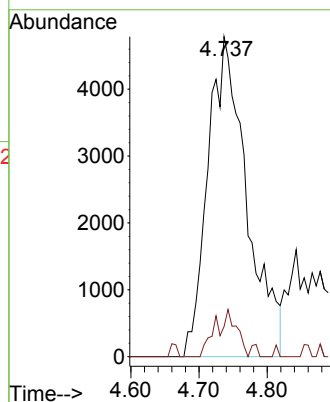
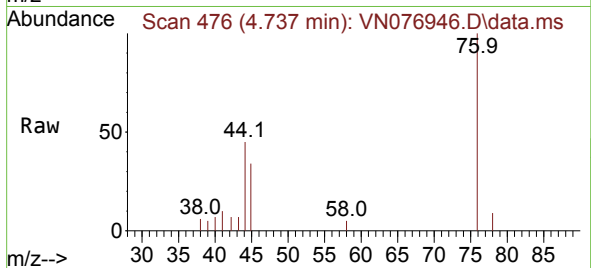
33952

Tgt Ion: 76 Resp: 19013

Ion Ratio Lower Upper

76 100

78 9.4 7.8 11.8



#18

Methyl Acetate

Concen: 0.511 ug/l

RT: 5.048 min Scan# 529

Delta R.T. 0.006 min

Lab File: VN076946.D

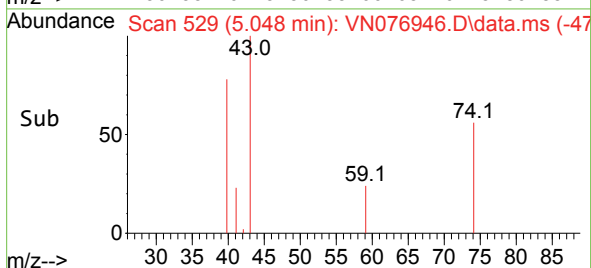
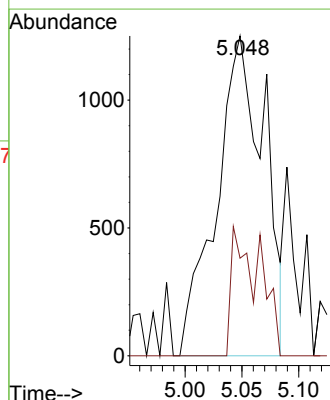
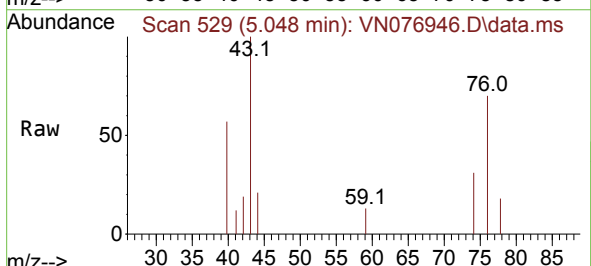
Acq: 11 Mar 2023 00:04

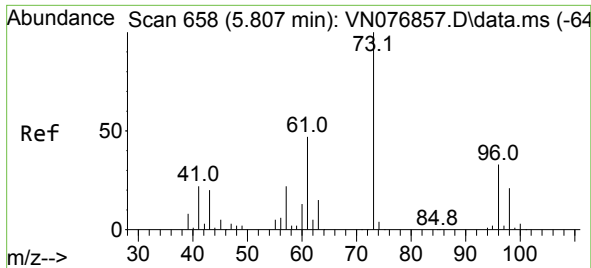
Tgt Ion: 43 Resp: 3665

Ion Ratio Lower Upper

43 100

74 14.4 25.9 38.9#

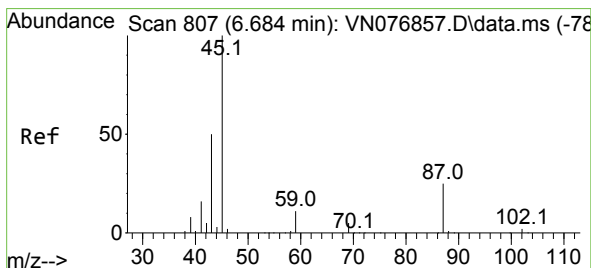
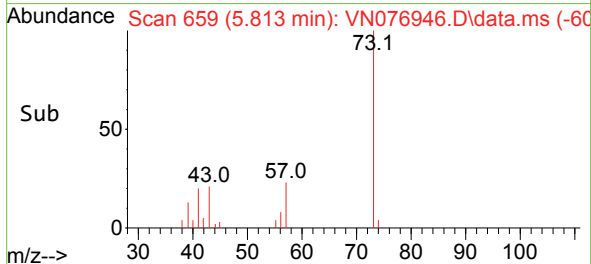
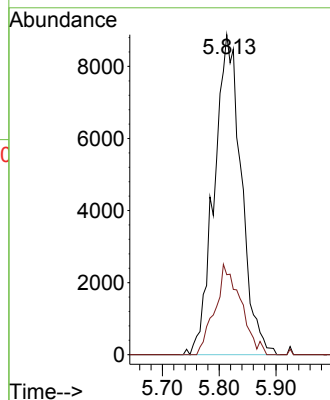
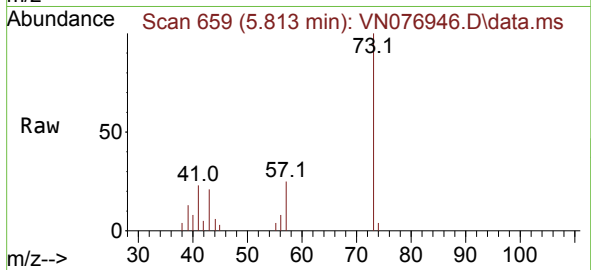




#19
Methyl tert-butyl Ether
Concen: 1.993 ug/l
RT: 5.813 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

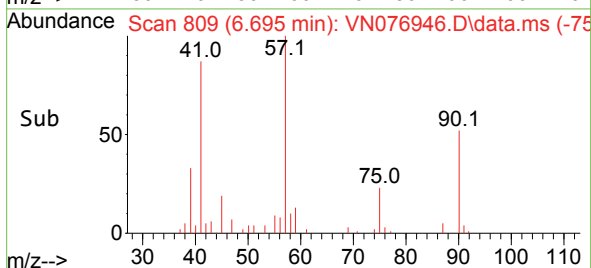
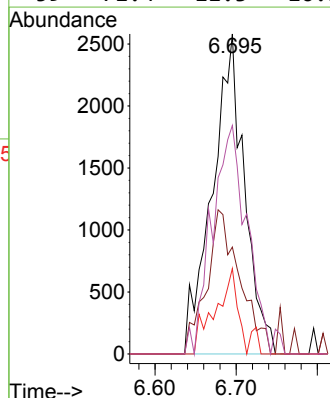
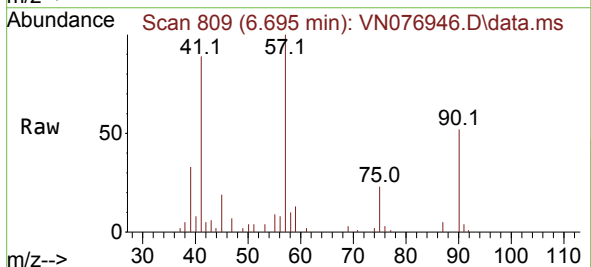
Instrument :
MSVOA_N
ClientSampleId :
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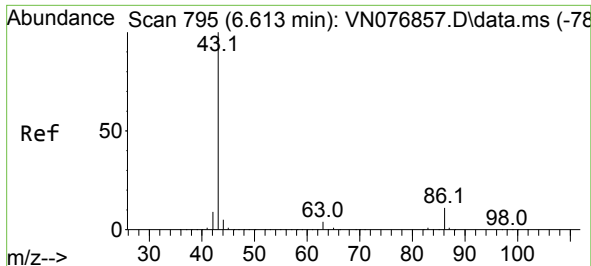
Tgt Ion: 73 Resp: 29430
Ion Ratio Lower Upper
73 100
57 25.0 16.1 24.1#



#22
Diisopropyl ether
Concen: 0.541 ug/l
RT: 6.695 min Scan# 809
Delta R.T. 0.012 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

Tgt Ion: 45 Resp: 7129
Ion Ratio Lower Upper
45 100
43 33.4 42.6 63.8#
87 26.7 29.7 44.5#
59 71.4 11.3 16.9#

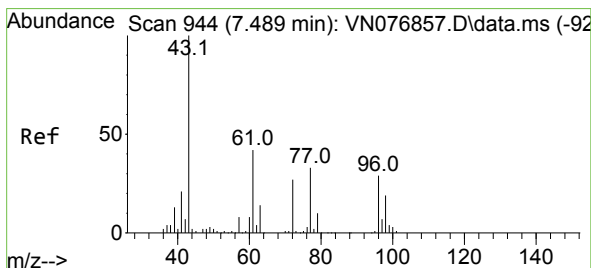
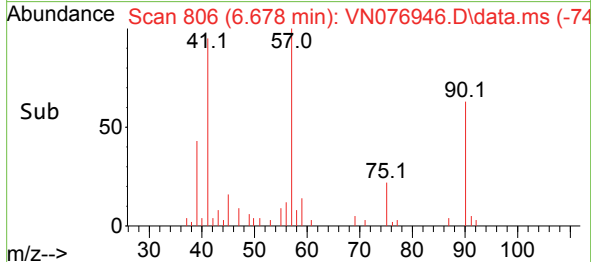
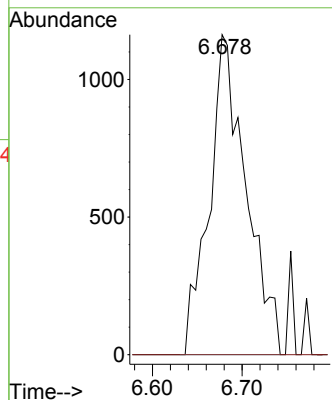
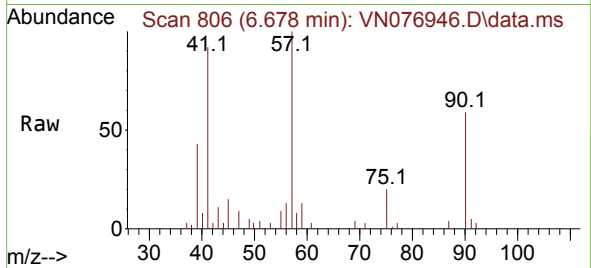




#23
 Vinyl Acetate
 Concen: 0.410 ug/l
 RT: 6.678 min Scan# 806
 Delta R.T. 0.065 min
 Lab File: VN076946.D
 Acq: 11 Mar 2023 00:04

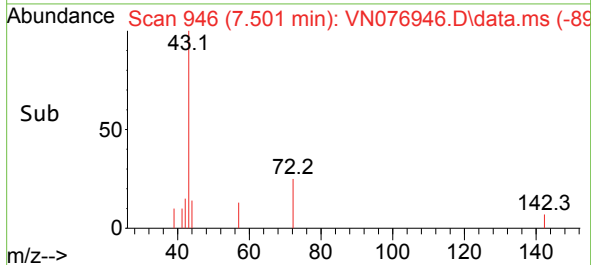
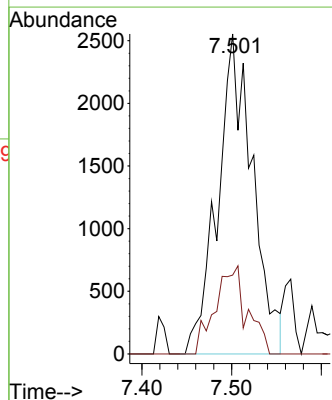
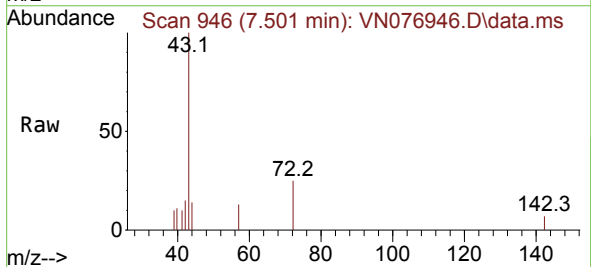
Instrument :
 MSVOA_N
 ClientSampleId :
 33952

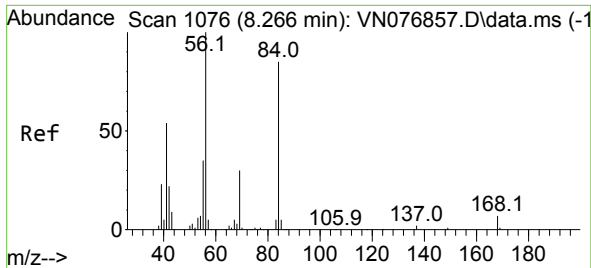
Tgt Ion: 43 Resp: 3325
 Ion Ratio Lower Upper
 43 100
 86 0.0 11.8 17.6#



#25
 2-Butanone
 Concen: 2.490 ug/l
 RT: 7.501 min Scan# 946
 Delta R.T. 0.012 min
 Lab File: VN076946.D
 Acq: 11 Mar 2023 00:04

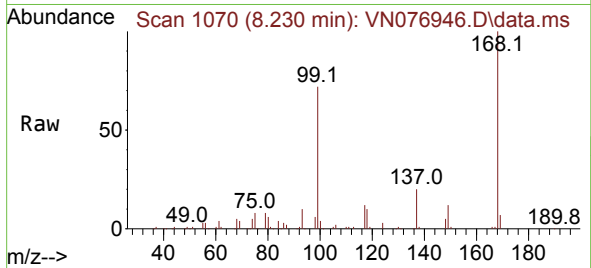
Tgt Ion: 43 Resp: 6882
 Ion Ratio Lower Upper
 43 100
 72 24.6 28.8 43.2#



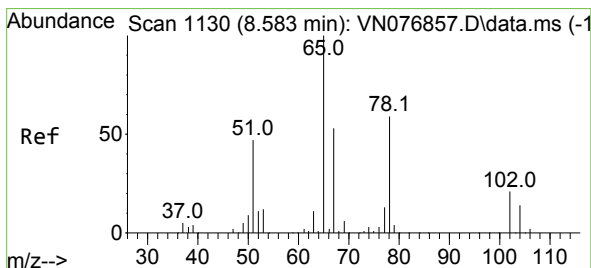
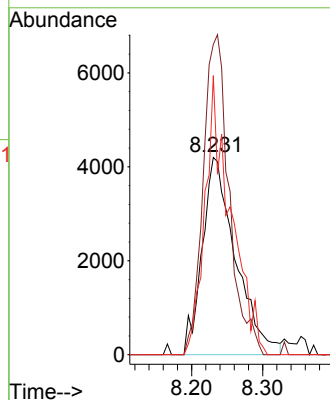
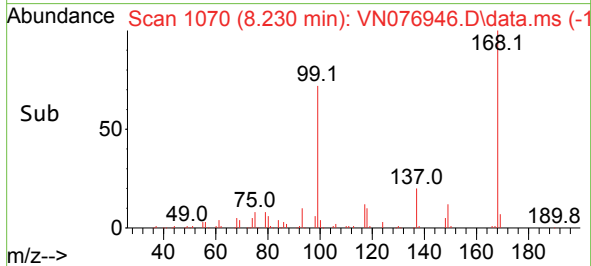


#31
Cyclohexane
Concen: 1.708 ug/l
RT: 8.230 min Scan# 1076
Delta R.T. -0.035 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

Instrument :
MSVOA_N
ClientSampleId :
33952

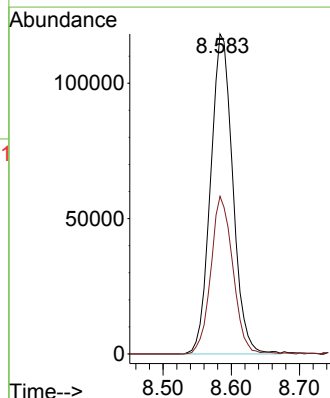
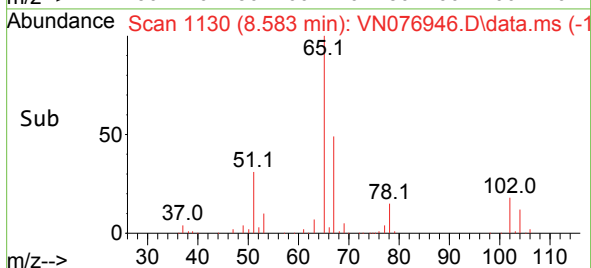
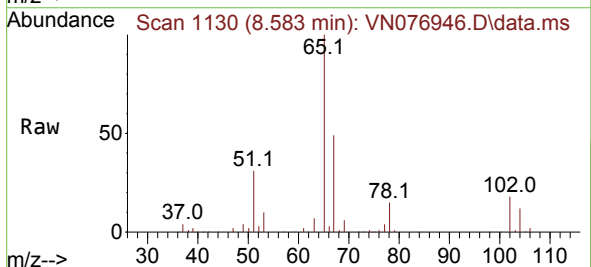


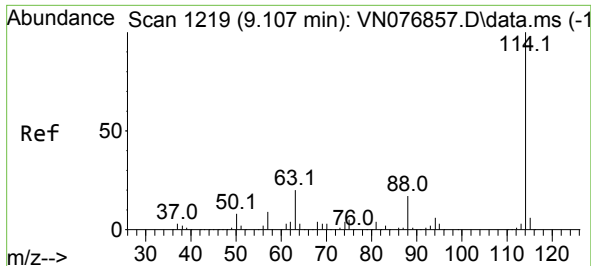
Tgt Ion: 56 Resp: 13744
Ion Ratio Lower Upper
56 100
69 157.2 27.0 40.6#
84 141.4 82.9 124.3#



#33
1,2-Dichloroethane-d4
Concen: 47.698 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

Tgt Ion: 65 Resp: 267477
Ion Ratio Lower Upper
65 100
67 49.0 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076946.D

Acq: 11 Mar 2023 00:04

Instrument :

MSVOA_N

ClientSampleId :

33952

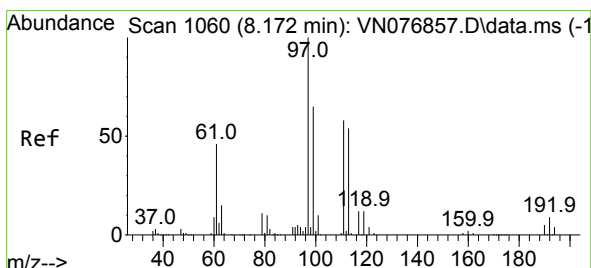
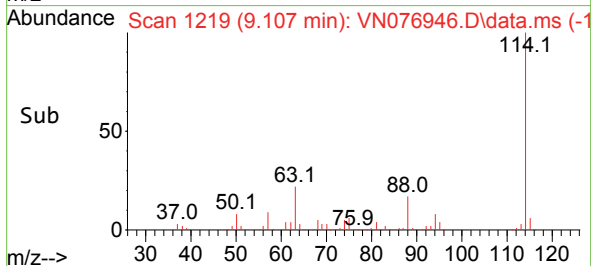
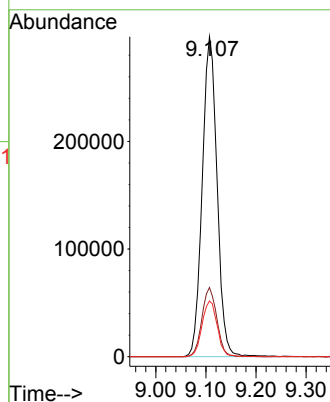
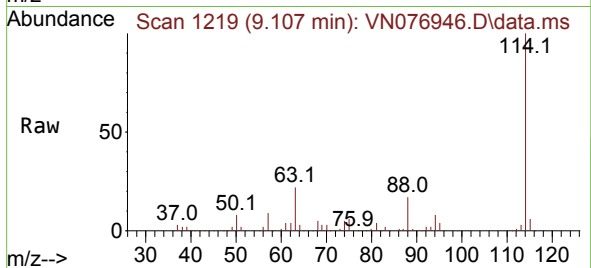
Tgt Ion:114 Resp: 611659

Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.6

88 17.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 47.098 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN076946.D

Acq: 11 Mar 2023 00:04

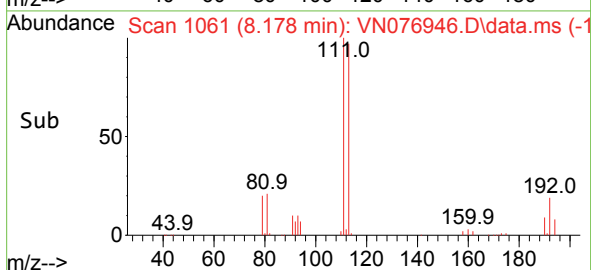
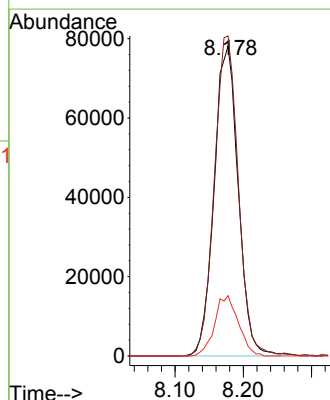
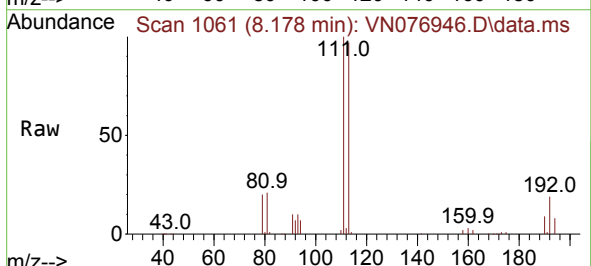
Tgt Ion:113 Resp: 191995

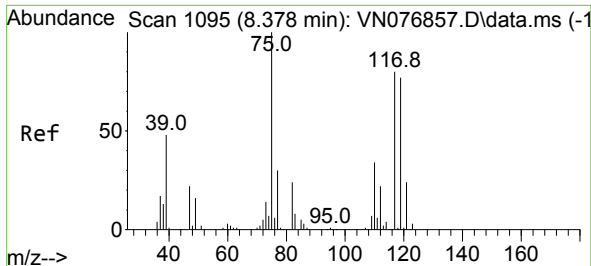
Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

192 19.2 13.9 20.9





#36

1,1-Dichloropropene

Concen: 4.976 ug/l

RT: 8.236 min Scan# 1071

Delta R.T. -0.141 min

Lab File: VN076946.D

Acq: 11 Mar 2023 00:04

Instrument :

MSVOA_N

ClientSampleId :

33952

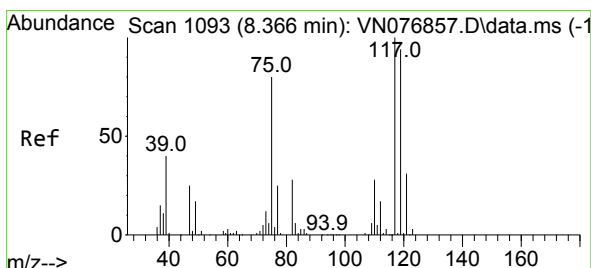
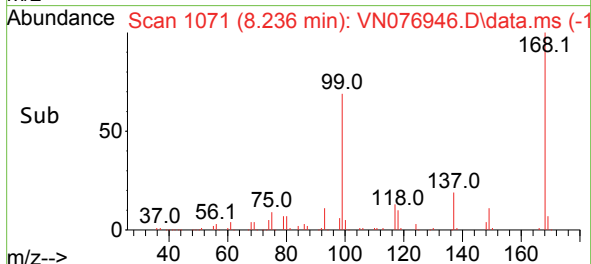
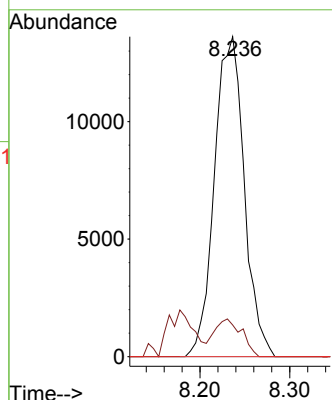
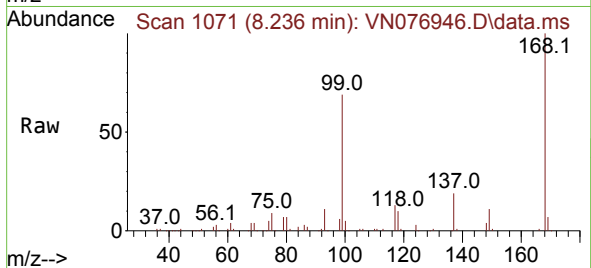
Tgt Ion: 75 Resp: 31372

Ion Ratio Lower Upper

75 100

110 10.8 18.9 56.9#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.927 ug/l

RT: 8.236 min Scan# 1071

Delta R.T. -0.135 min

Lab File: VN076946.D

Acq: 11 Mar 2023 00:04

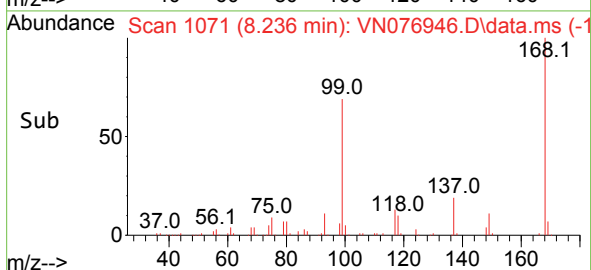
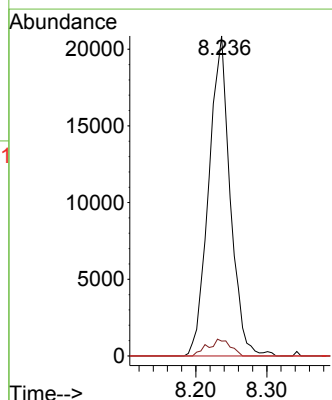
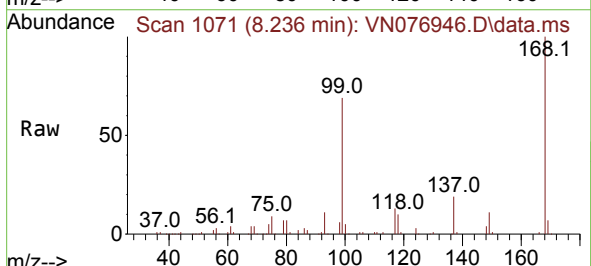
Tgt Ion: 117 Resp: 43738

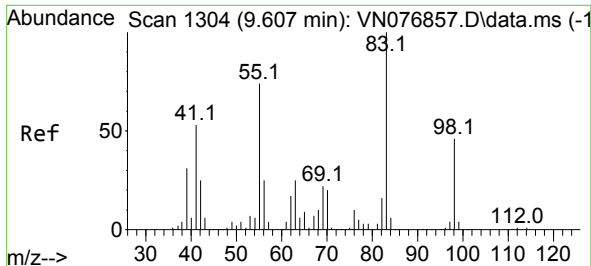
Ion Ratio Lower Upper

117 100

119 4.6 76.9 115.3#

121 0.0 23.2 34.8#





#39

Methylcyclohexane

Concen: 0.768 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN076946.D

Acq: 11 Mar 2023 00:04

Instrument :

MSVOA_N

ClientSampleId :

33952

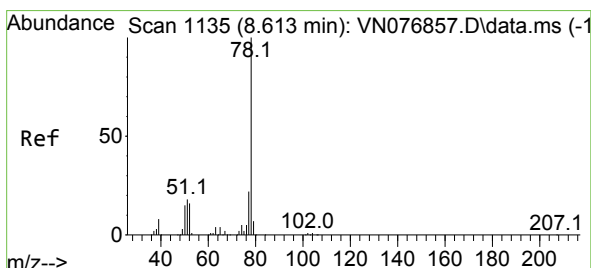
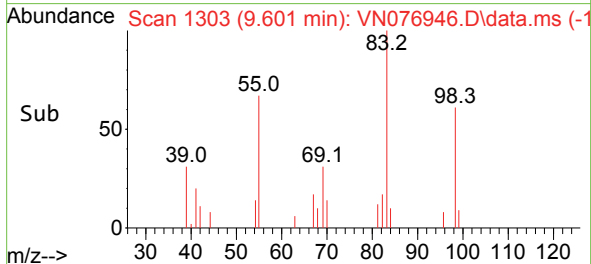
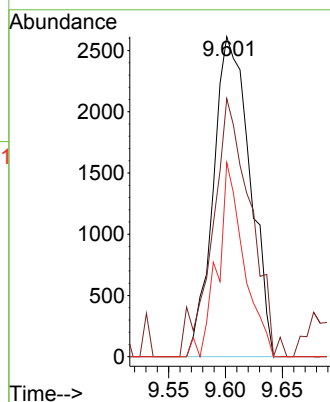
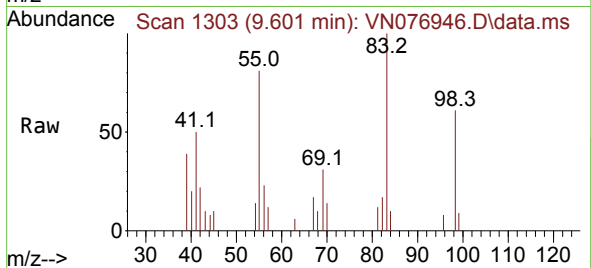
Tgt Ion: 83 Resp: 5877

Ion Ratio Lower Upper

83 100

55 80.7 47.0 70.4#

98 60.7 39.4 59.0#



#40

Benzene

Concen: 16.319 ug/l

RT: 8.619 min Scan# 1136

Delta R.T. 0.006 min

Lab File: VN076946.D

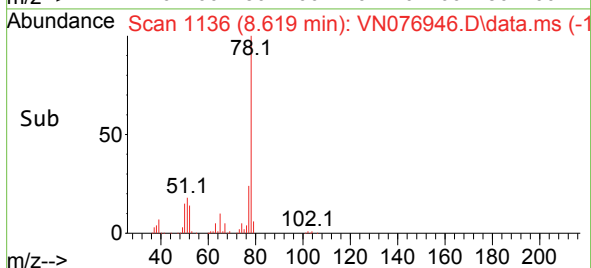
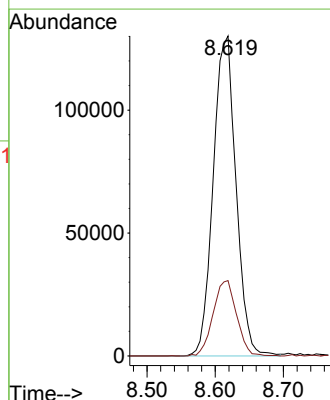
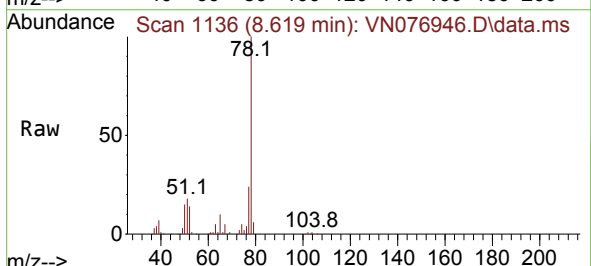
Acq: 11 Mar 2023 00:04

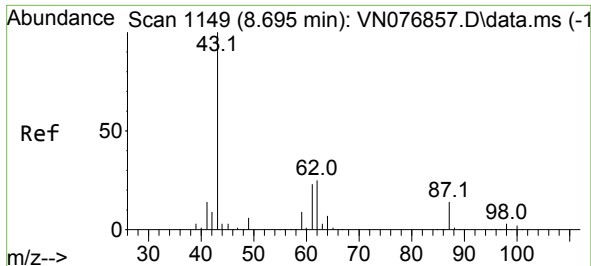
Tgt Ion: 78 Resp: 303269

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9

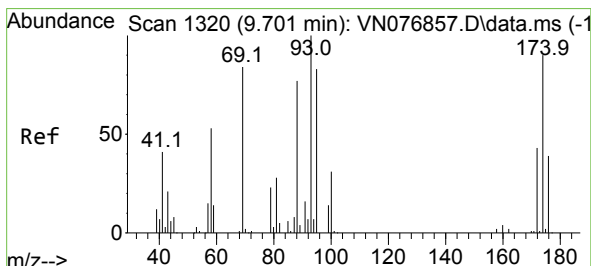
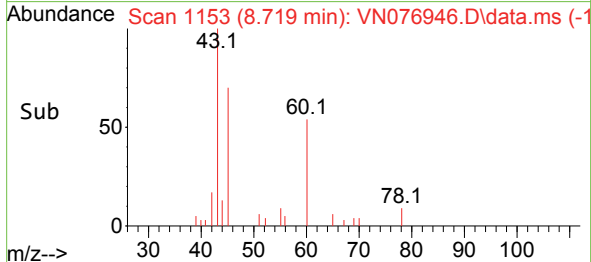
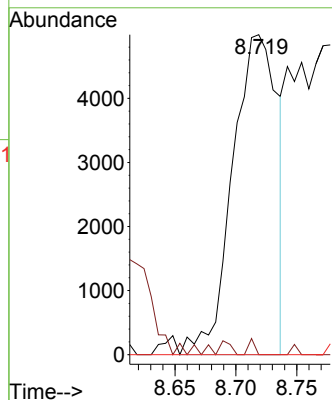
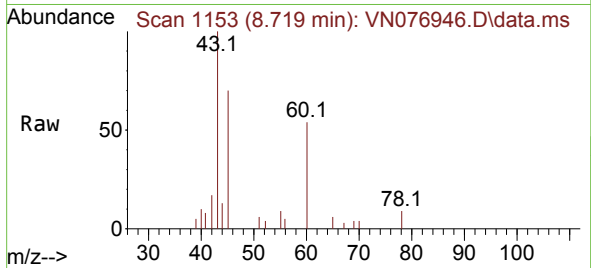




#43
Isopropyl Acetate
Concen: 1.438 ug/l
RT: 8.719 min Scan# 1153
Delta R.T. 0.023 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

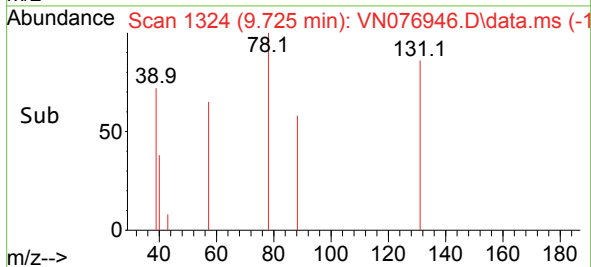
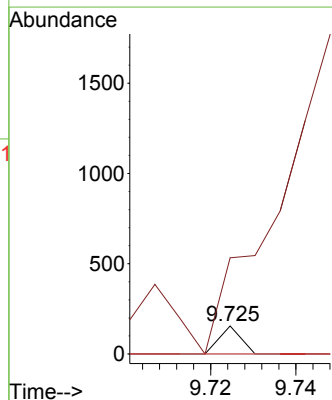
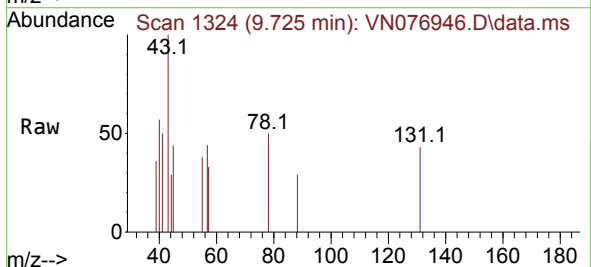
Instrument :
MSVOA_N
ClientSampleId :
33952

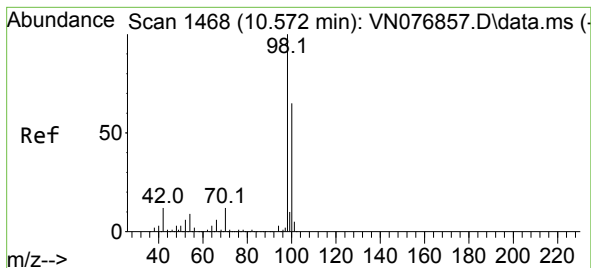
Tgt Ion: 43 Resp: 12799
Ion Ratio Lower Upper
43 100
61 0.0 26.2 39.2#
87 0.0 14.8 22.2#



#49
1,4-Dioxane
Concen: 0.666 ug/l
RT: 9.725 min Scan# 1324
Delta R.T. 0.029 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 0.0 15.3 22.9#
58 0.0 47.6 71.4#

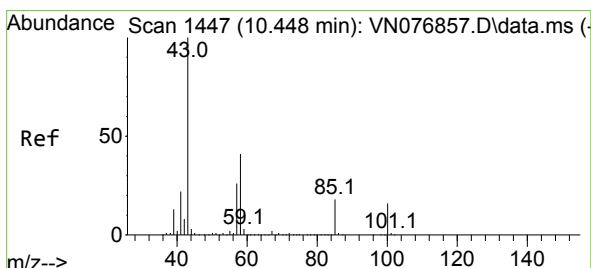
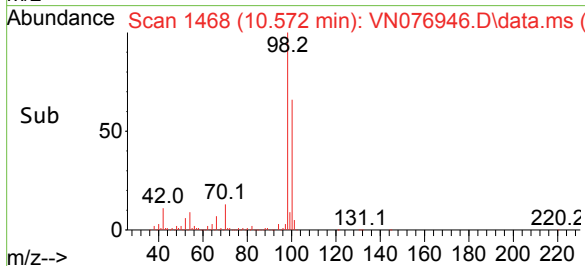
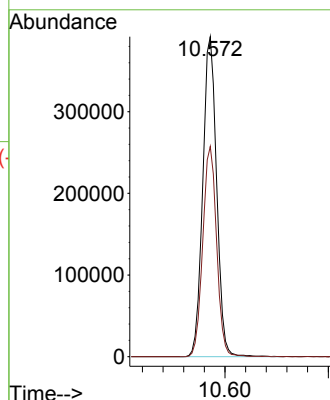
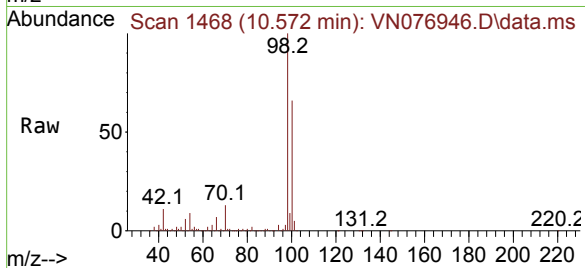




#50
Toluene-d8
Concen: 48.467 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

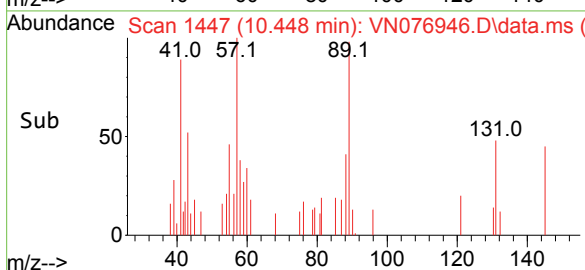
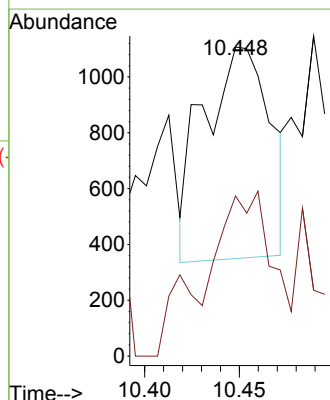
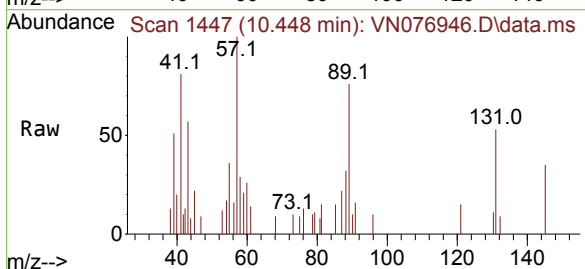
Instrument :
MSVOA_N
ClientSampleId :
33952

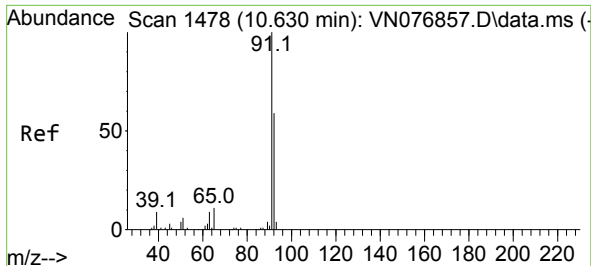
Tgt Ion: 98 Resp: 728160
Ion Ratio Lower Upper
98 100
100 65.8 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 0.348 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

Tgt Ion: 43 Resp: 1859
Ion Ratio Lower Upper
43 100
58 51.5 37.4 56.0

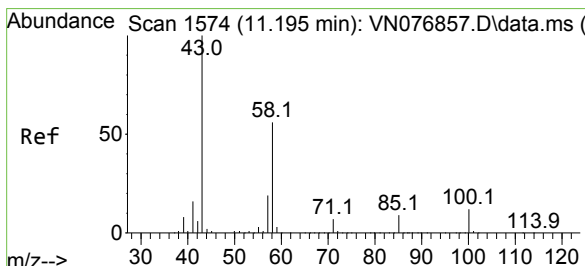
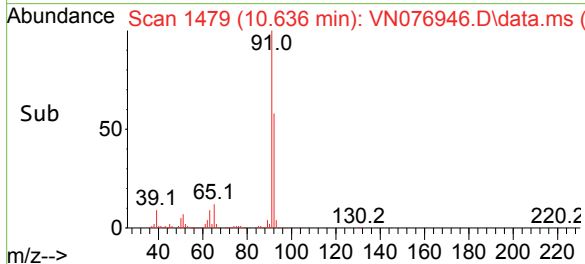
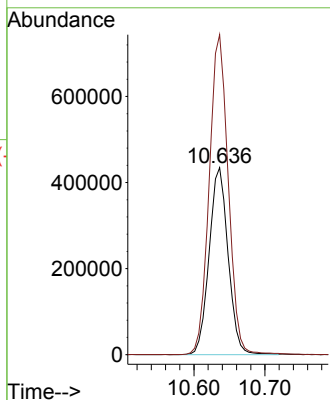
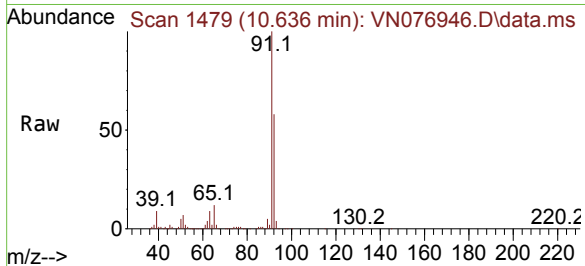




#52
Toluene
Concen: 70.343 ug/l
RT: 10.636 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

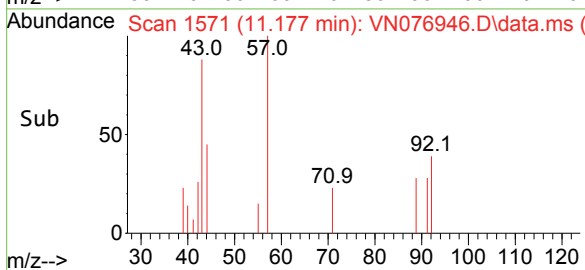
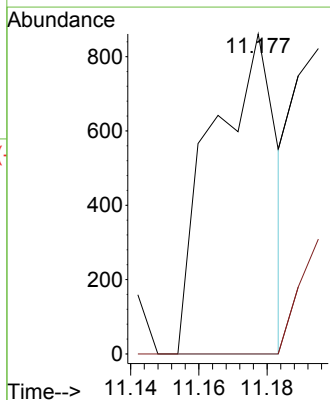
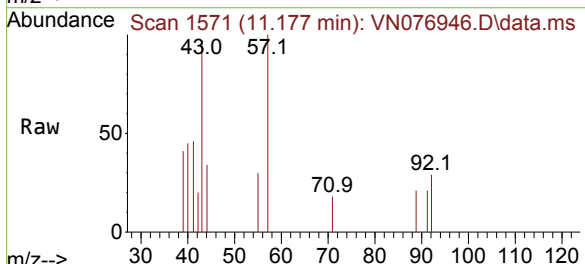
Instrument :
MSVOA_N
ClientSampleId :
33952

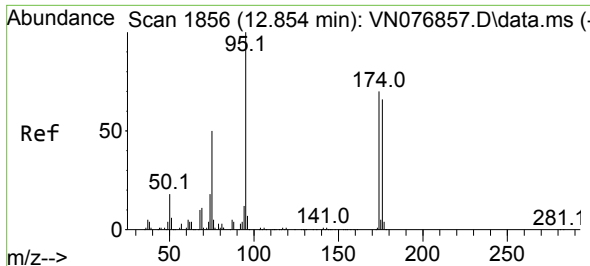
Tgt Ion: 92 Resp: 804565
Ion Ratio Lower Upper
92 100
91 172.0 138.2 207.2



#59
2-Hexanone
Concen: 0.291 ug/l
RT: 11.177 min Scan# 1571
Delta R.T. -0.018 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

Tgt Ion: 43 Resp: 1135
Ion Ratio Lower Upper
43 100
58 36.6 32.6 98.0

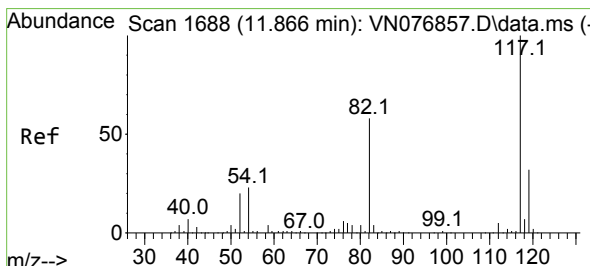
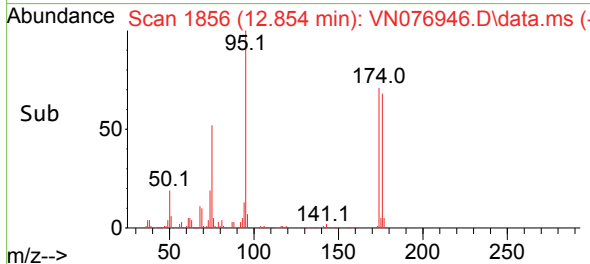
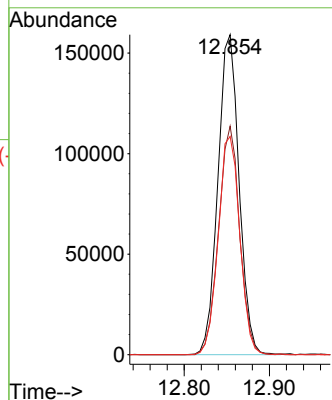
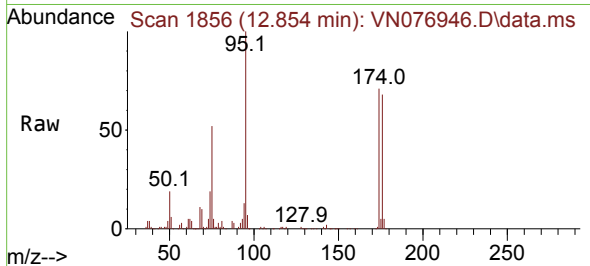




#62
4-Bromofluorobenzene
Concen: 50.013 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

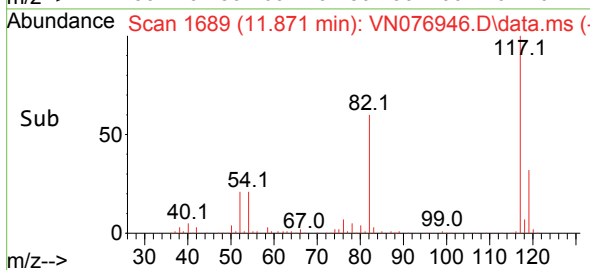
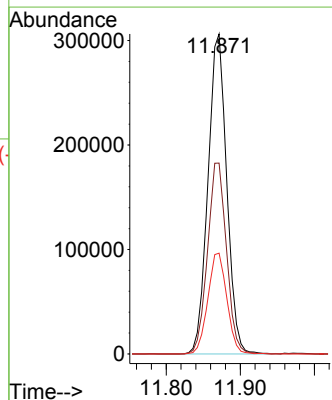
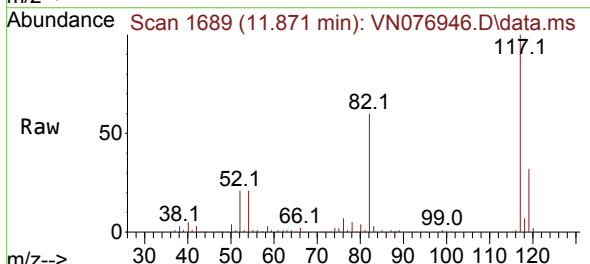
Instrument :
MSVOA_N
ClientSampleId :
33952

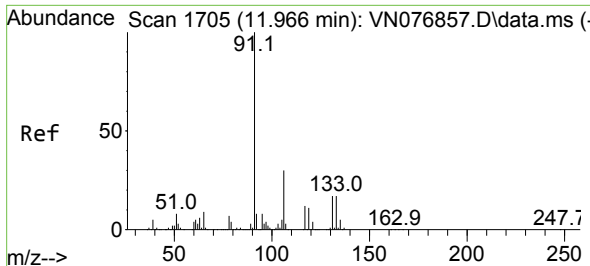
Tgt Ion: 95 Resp: 274833
Ion Ratio Lower Upper
95 100
174 71.2 0.0 162.4
176 69.4 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

Tgt Ion: 117 Resp: 538634
Ion Ratio Lower Upper
117 100
82 59.6 43.5 65.3
119 31.5 25.5 38.3

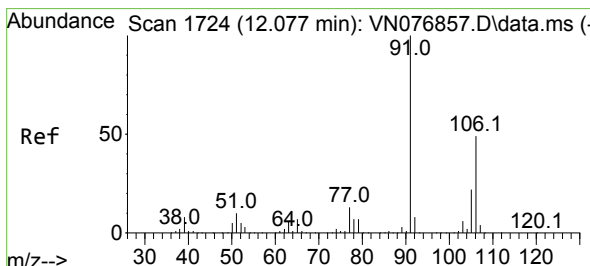
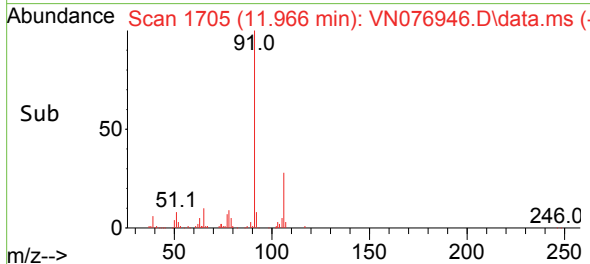
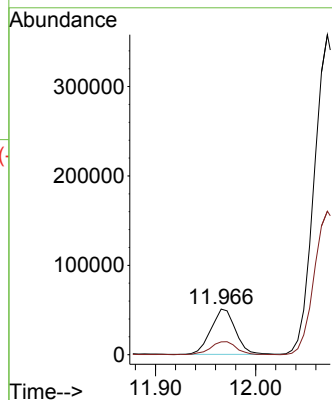
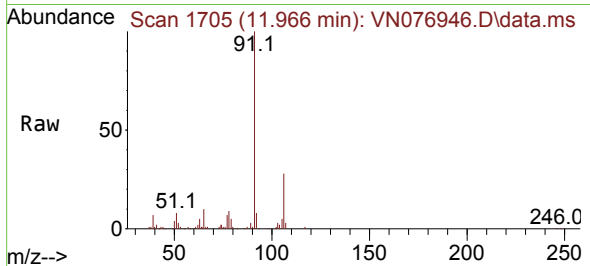




#67
Ethyl Benzene
Concen: 3.911 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

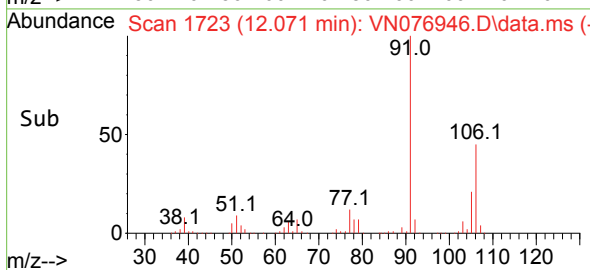
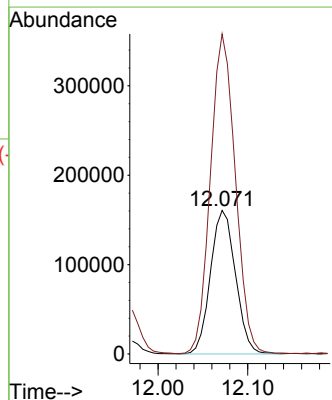
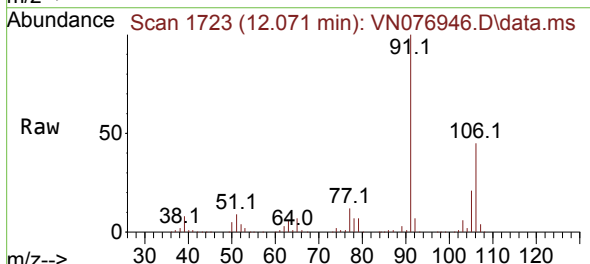
Instrument :
MSVOA_N
ClientSampleId :
33952

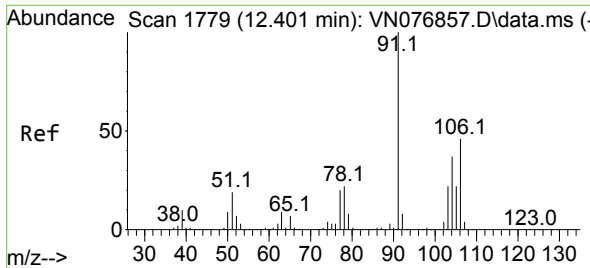
Tgt Ion: 91 Resp: 86640
Ion Ratio Lower Upper
91 100
106 28.2 25.1 37.7



#68
m/p-Xylenes
Concen: 37.424 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

Tgt Ion: 106 Resp: 311627
Ion Ratio Lower Upper
106 100
91 220.9 158.0 237.0

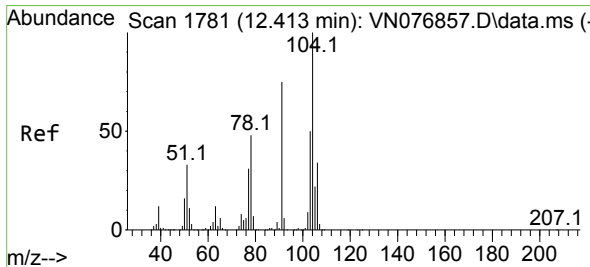
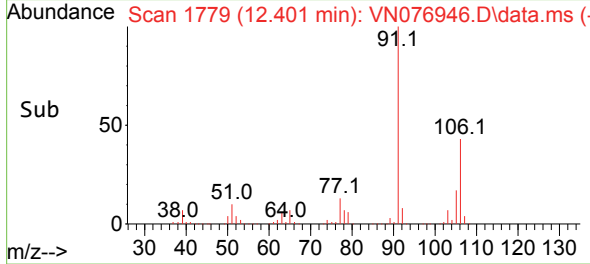
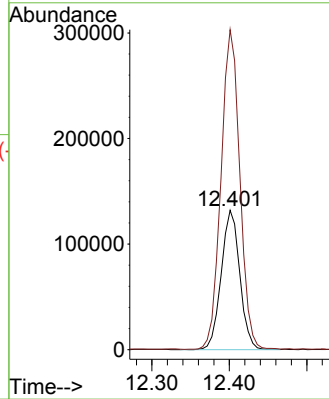
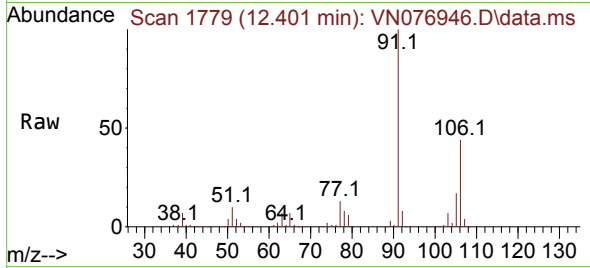




#69
o-Xylene
Concen: 27.294 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

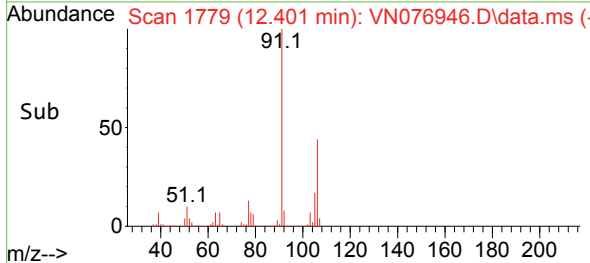
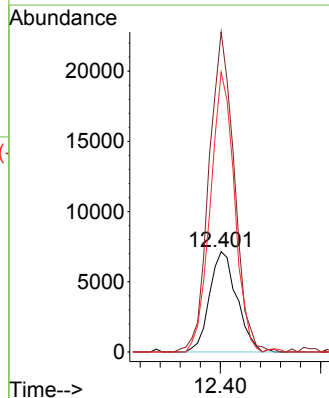
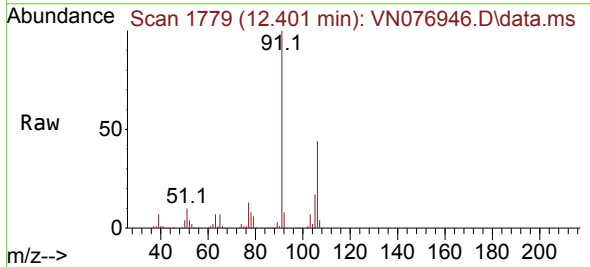
Instrument :
MSVOA_N
ClientSampleId :
33952

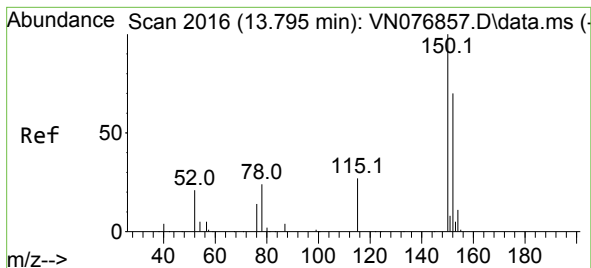
Tgt Ion:106 Resp: 220644
Ion Ratio Lower Upper
106 100
91 232.3 101.8 305.4



#70
Styrene
Concen: 1.033 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.012 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

Tgt Ion:104 Resp: 13493
Ion Ratio Lower Upper
104 100
78 295.3 36.6 55.0#
103 246.2 43.4 65.0#

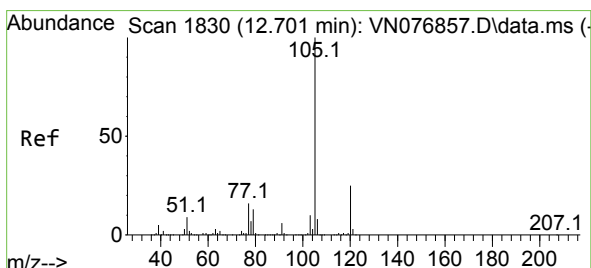
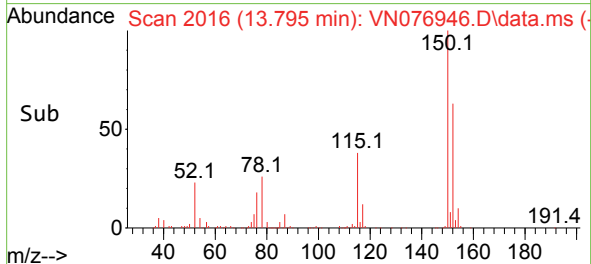
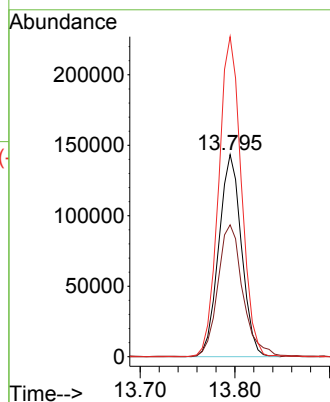
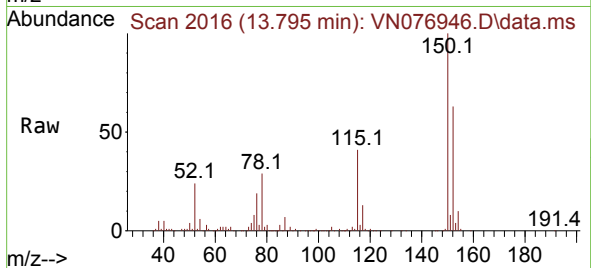




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

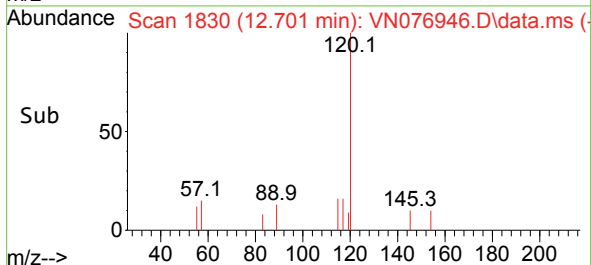
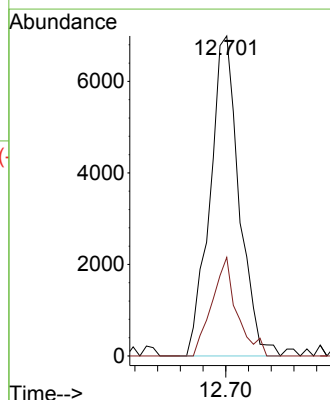
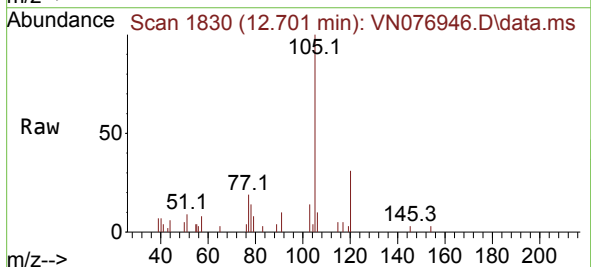
Instrument :
MSVOA_N
ClientSampleId :
33952

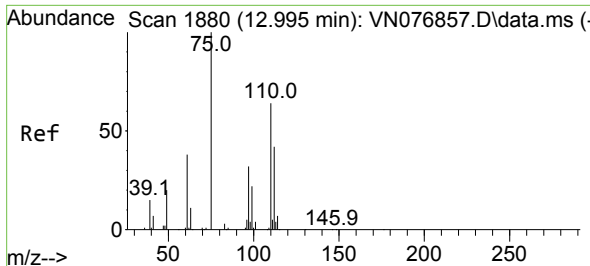
Tgt Ion:152 Resp: 238848
Ion Ratio Lower Upper
152 100
115 72.3 30.3 90.9
150 158.5 0.0 353.6



#73
Isopropylbenzene
Concen: 0.585 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

Tgt Ion:105 Resp: 12461
Ion Ratio Lower Upper
105 100
120 26.5 13.8 41.4

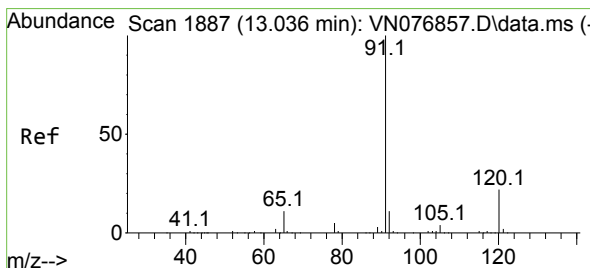
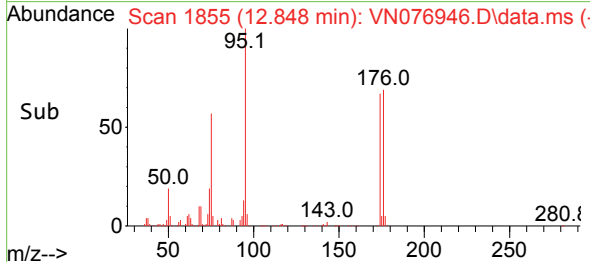
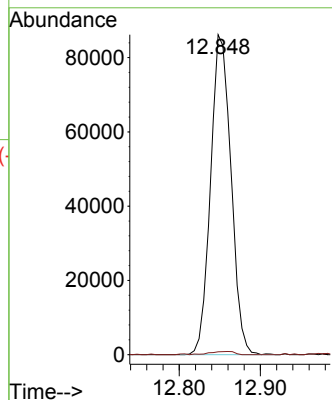
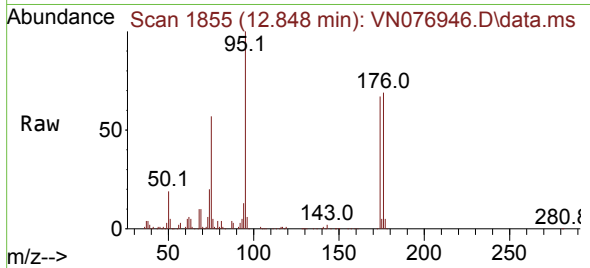




#76
1,2,3-Trichloropropane
Concen: 25.992 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.147 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

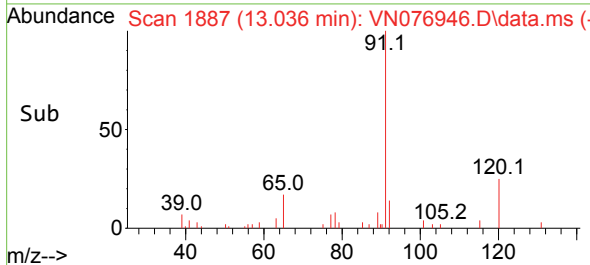
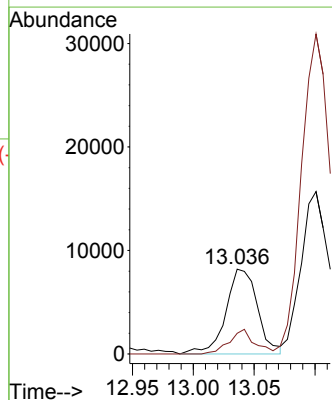
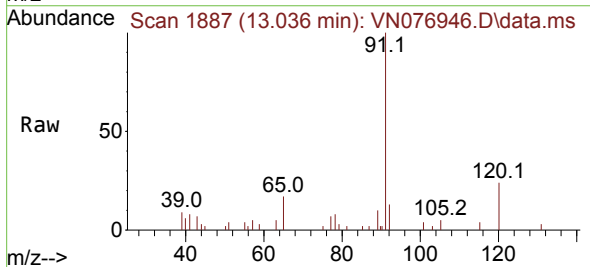
Instrument :
MSVOA_N
ClientSampleId :
33952

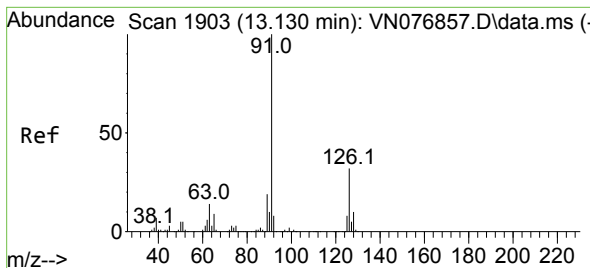
Tgt Ion: 75 Resp: 150515
Ion Ratio Lower Upper
75 100
77 1.2 93.8 281.4#



#78
n-propylbenzene
Concen: 0.626 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

Tgt Ion: 91 Resp: 14836
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.7





#79

2-Chlorotoluene

Concen: 1.524 ug/l

RT: 13.101 min Scan# 11

Delta R.T. -0.030 min

Lab File: VN076946.D

Acq: 11 Mar 2023 00:04

Instrument :

MSVOA_N

ClientSampleId :

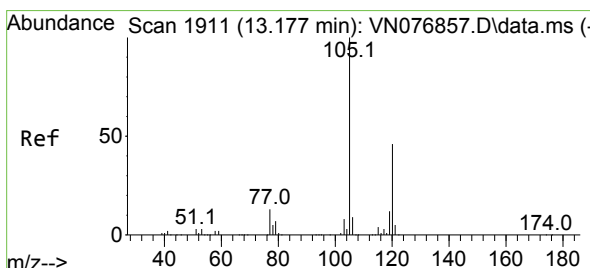
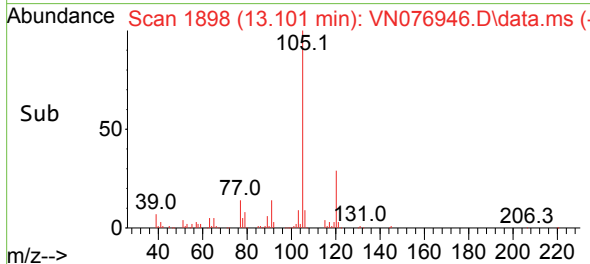
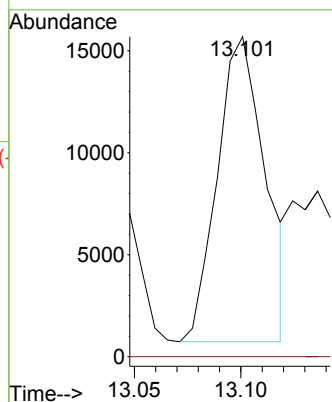
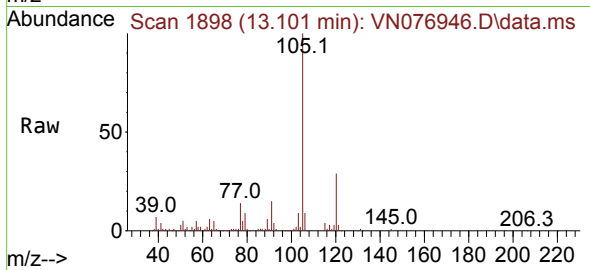
33952

Tgt Ion: 91 Resp: 23423

Ion Ratio Lower Upper

91 100

126 0.0 17.7 53.1#



#80

1,3,5-Trimethylbenzene

Concen: 6.567 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VN076946.D

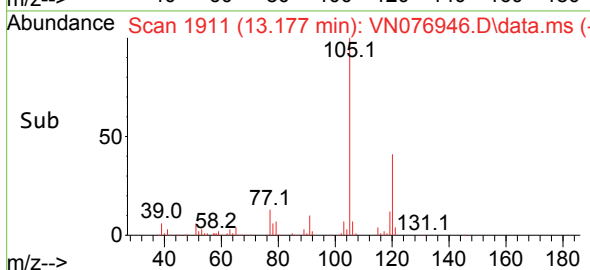
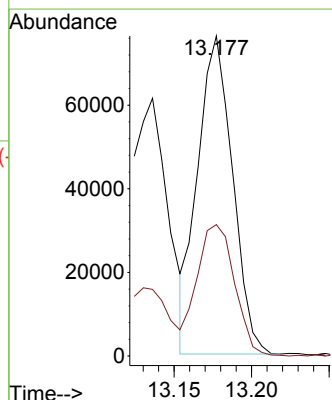
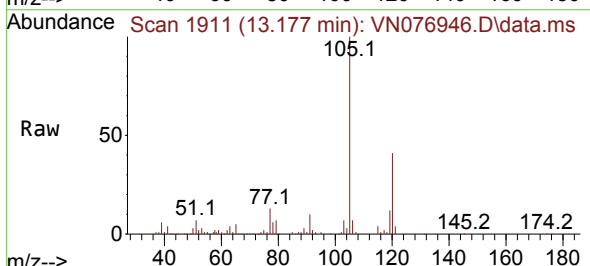
Acq: 11 Mar 2023 00:04

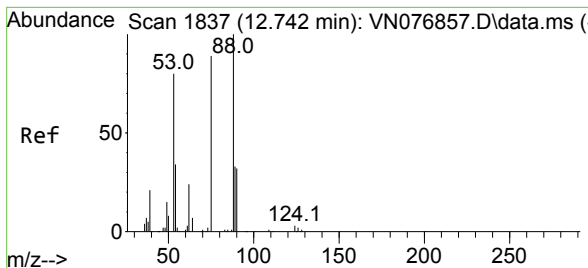
Tgt Ion: 105 Resp: 119064

Ion Ratio Lower Upper

105 100

120 44.7 25.2 75.6

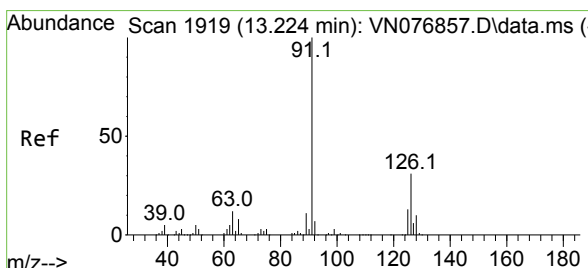
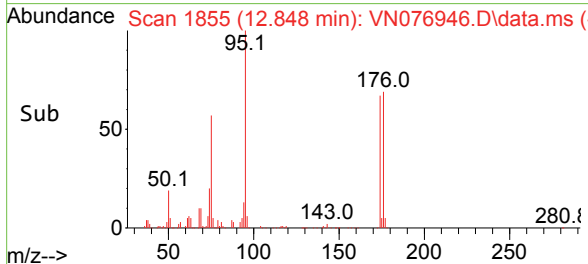
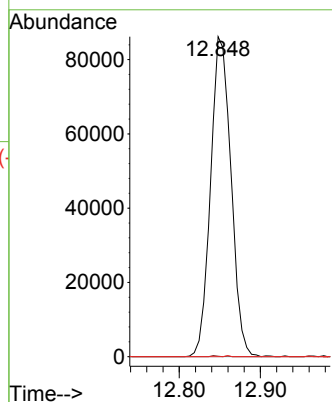
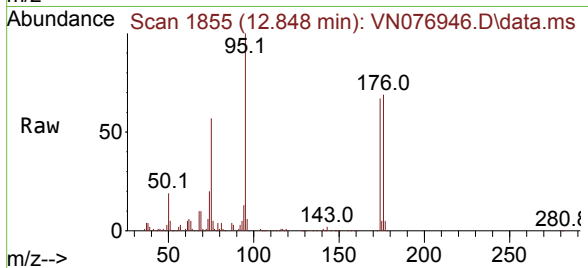




#81
trans-1,4-Dichloro-2-butene
Concen: 84.904 ug/l
RT: 12.848 min Scan# 1837
Delta R.T. 0.106 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

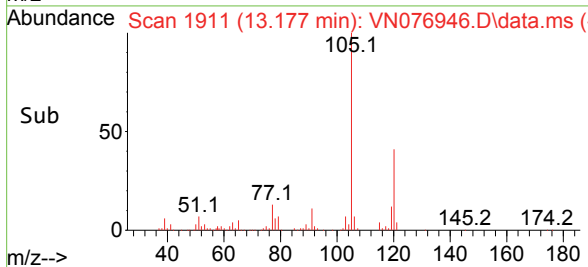
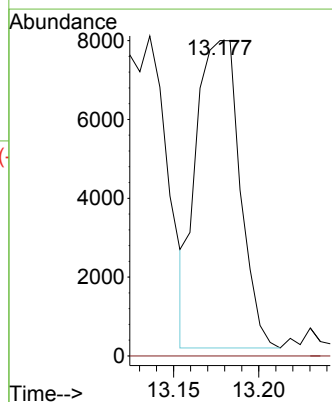
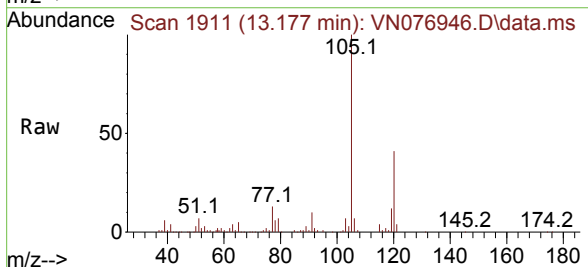
Instrument :
MSVOA_N
ClientSampleId :
33952

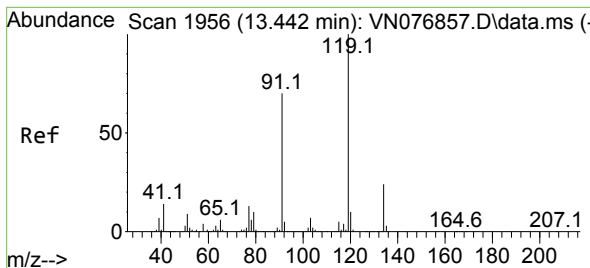
Tgt Ion: 75 Resp: 150515
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.0#
89 0.1 39.5 59.3#



#82
4-Chlorotoluene
Concen: 0.957 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.047 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

Tgt Ion: 91 Resp: 13899
Ion Ratio Lower Upper
91 100
126 0.0 18.0 54.0#





#83

tert-Butylbenzene

Concen: 0.710 ug/l

RT: 13.677 min Scan# 1956

Delta R.T. 0.235 min

Lab File: VN076946.D

Acq: 11 Mar 2023 00:04

Instrument :

MSVOA_N

ClientSampleId :

33952

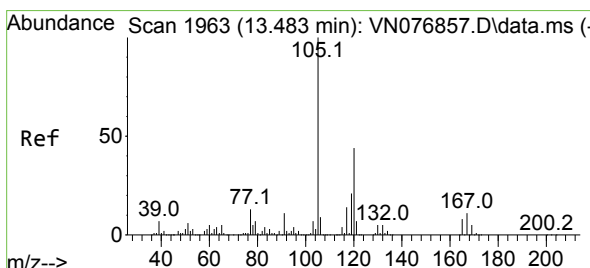
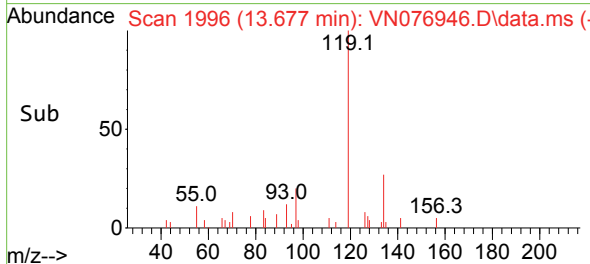
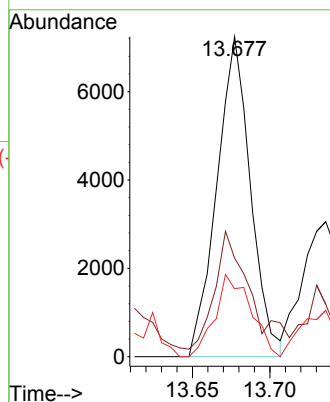
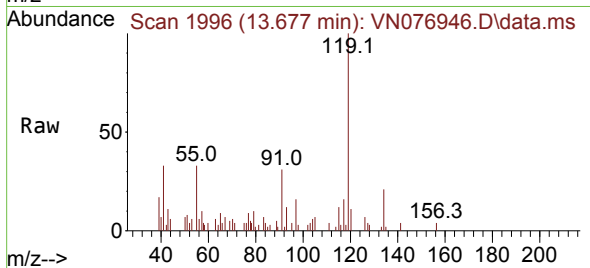
Tgt Ion:119 Resp: 10931

Ion Ratio Lower Upper

119 100

91 38.2 31.9 95.5

134 27.3 13.8 41.4



#84

1,2,4-Trimethylbenzene

Concen: 15.486 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VN076946.D

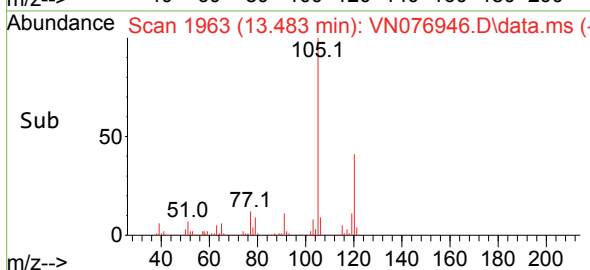
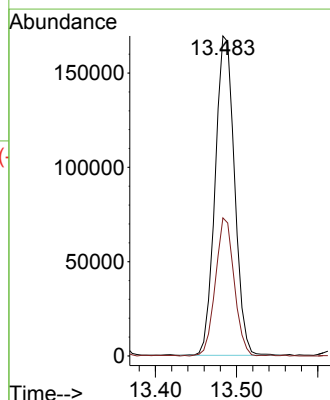
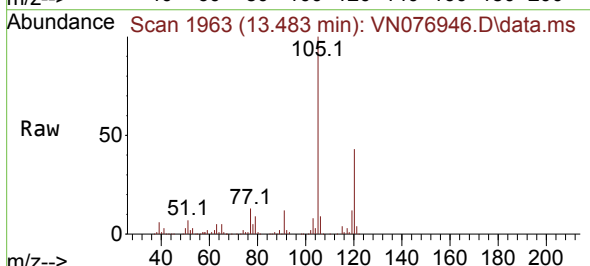
Acq: 11 Mar 2023 00:04

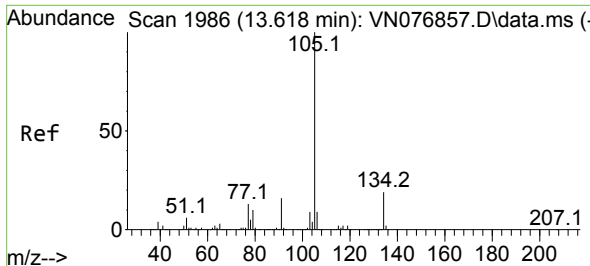
Tgt Ion:105 Resp: 280887

Ion Ratio Lower Upper

105 100

120 42.0 23.6 70.8

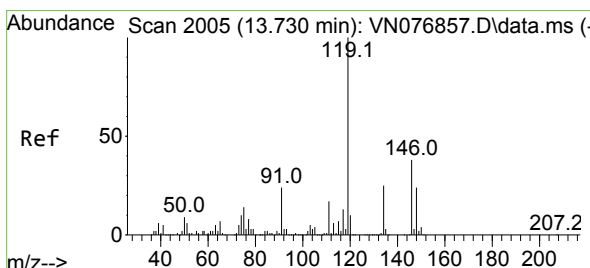
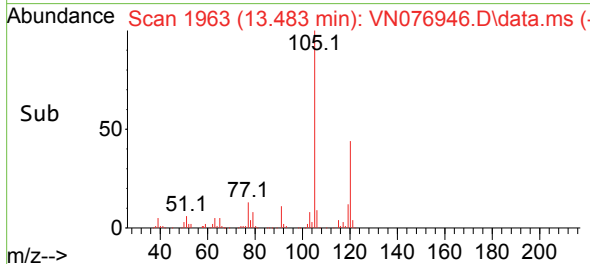
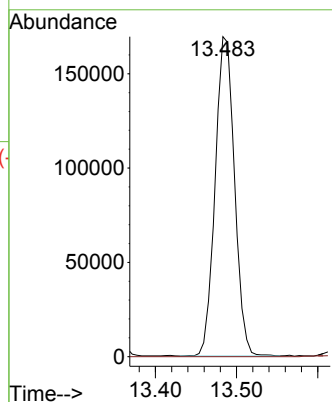
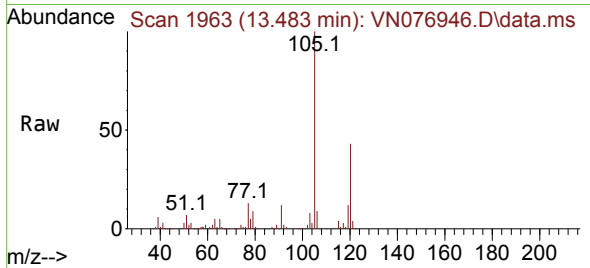




#85
 sec-Butylbenzene
 Concen: 13.305 ug/l
 RT: 13.483 min Scan# 1986
 Delta R.T. -0.135 min
 Lab File: VN076946.D
 Acq: 11 Mar 2023 00:04

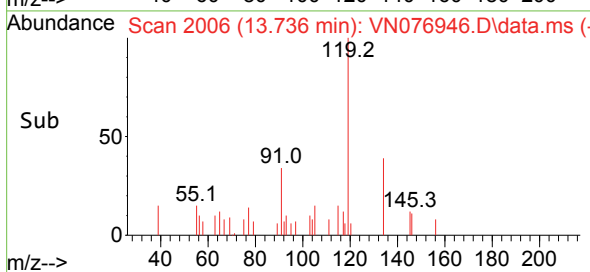
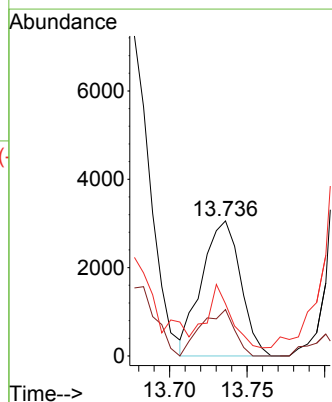
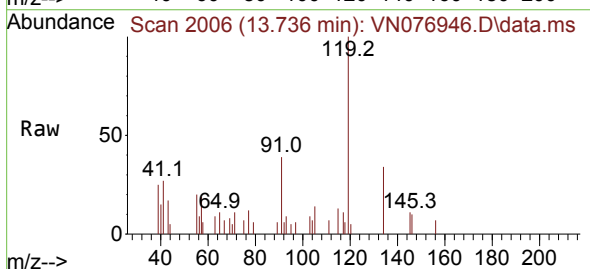
Instrument :
 MSVOA_N
 ClientSampleId :
 33952

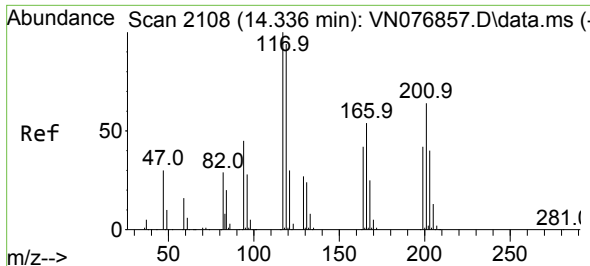
Tgt Ion:105 Resp: 280887
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#



#86
 p-Isopropyltoluene
 Concen: 0.311 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN076946.D
 Acq: 11 Mar 2023 00:04

Tgt Ion:119 Resp: 5305
 Ion Ratio Lower Upper
 119 100
 134 29.9 13.5 40.5
 91 29.0 11.2 33.6

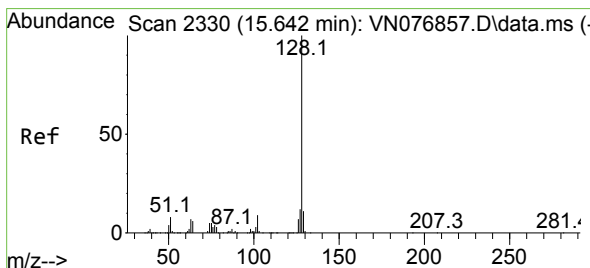
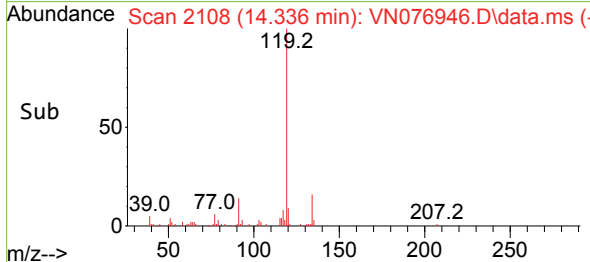
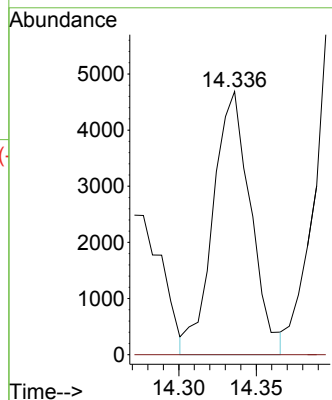
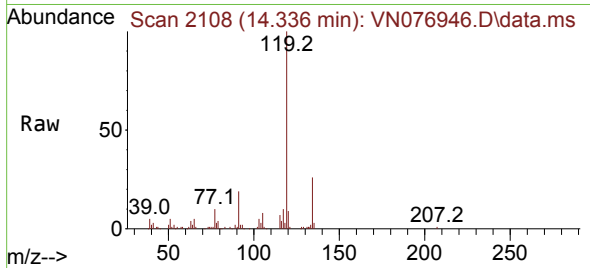




#90
Hexachloroethane
Concen: 2.415 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

Instrument :
MSVOA_N
ClientSampleId :
33952

Tgt Ion:117 Resp: 7912
Ion Ratio Lower Upper
117 100
201 0.0 31.9 95.7#



#95
Naphthalene
Concen: 4.178 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN076946.D
Acq: 11 Mar 2023 00:04

Tgt Ion:128 Resp: 60234
Ion Ratio Lower Upper
128 100
127 14.4 10.2 15.4
129 11.3 8.9 13.3

