

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076959.D
 Acq On : 13 Mar 2023 14:07
 Operator : JC\MD
 Sample : 01854-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33952

Quant Time: Mar 14 07:02:12 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	8.231	168	448355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	738037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	636990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	279923	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	297773	44.506	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.020%
35) Dibromofluoromethane	8.172	113	226675	46.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.160%
50) Toluene-d8	10.572	98	870698	48.030	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.060%
62) 4-Bromofluorobenzene	12.848	95	321331	48.461	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.920%

Target Compounds					Qvalue	
5) Bromomethane	2.978	94	993	0.333	ug/l #	67
6) Chloroethane	3.119	64	813	0.316	ug/l #	42
10) Methyl Iodide	4.613	142	1250	0.222	ug/l #	80
11) Tert butyl alcohol	5.531	59	1787	1.920	ug/l #	72
13) Acrolein	4.166	56	305	0.365	ug/l #	1
16) Acetone	4.454	43	22122	9.542	ug/l #	87
19) Methyl tert-butyl Ether	5.813	73	31474	1.786	ug/l #	89
22) Diisopropyl ether	6.690	45	5340	0.339	ug/l	92
23) Vinyl Acetate	6.695	43	2727	0.282	ug/l #	64
25) 2-Butanone	7.501	43	5832	1.769	ug/l #	82
31) Cyclohexane	8.225	56	12841	1.338	ug/l #	29
36) 1,1-Dichloropropene	8.231	75	37961	4.990	ug/l #	50
38) Carbon Tetrachloride	8.231	117	50983	5.726	ug/l #	15
39) Methylcyclohexane	9.607	83	2449	0.265	ug/l #	82
40) Benzene	8.613	78	145155	6.473	ug/l	98
51) 4-Methyl-2-Pentanone	10.454	43	1345	0.208	ug/l	92
52) Toluene	10.630	92	402601	29.172	ug/l	99
53) t-1,3-Dichloropropene	10.630	75	5419	0.665	ug/l #	1
59) 2-Hexanone	11.189	43	966	0.205	ug/l	93
67) Ethyl Benzene	11.966	91	50423	1.925	ug/l	98
68) m/p-Xylenes	12.072	106	237608	24.129	ug/l	87
69) o-Xylene	12.401	106	214814	22.470	ug/l	82
70) Styrene	12.395	104	12415	0.804	ug/l #	1
71) Bromoform	12.854	173	1164	0.289	ug/l #	1
73) Isopropylbenzene	12.701	105	7832	0.314	ug/l	97
74) N-amyl acetate	12.466	43	2228	0.270	ug/l #	40
76) 1,2,3-Trichloropropane	12.848	75	174175	25.665	ug/l #	1
78) n-propylbenzene	13.036	91	6074	0.219	ug/l #	52
79) 2-Chlorotoluene	13.101	91	22055	1.224	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.177	105	119969	5.646	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.848	75	174175	83.834	ug/l #	15
82) 4-Chlorotoluene	13.177	91	12332	0.725	ug/l #	39
83) tert-Butylbenzene	13.483	119	34062	1.887	ug/l #	56
84) 1,2,4-Trimethylbenzene	13.483	105	280716	13.206	ug/l	94
85) sec-Butylbenzene	13.483	105	280716	11.345	ug/l #	55
86) p-Isopropyltoluene	13.671	119	12241	0.613	ug/l	94

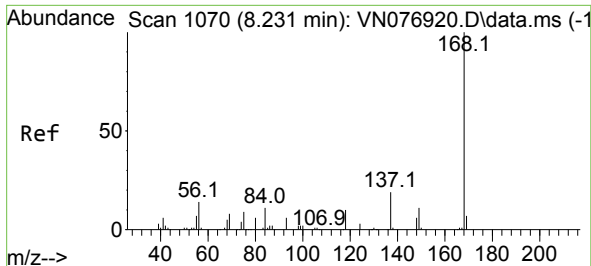
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
Data File : VN076959.D
Acq On : 13 Mar 2023 14:07
Operator : JC\MD
Sample : 01854-03RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33952

Quant Time: Mar 14 07:02:12 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)
90) Hexachloroethane	14.336	117	8425	2.194	ug/l #	18
92) 1,2-Dibromo-3-Chloropr...	14.689	75	1070	0.660	ug/l #	1
95) Naphthalene	15.642	128	59059	3.496	ug/l	96

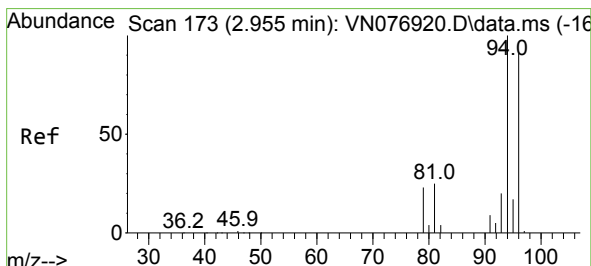
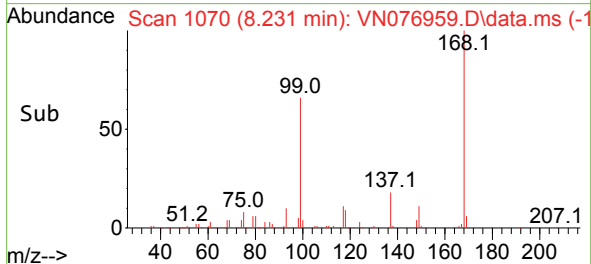
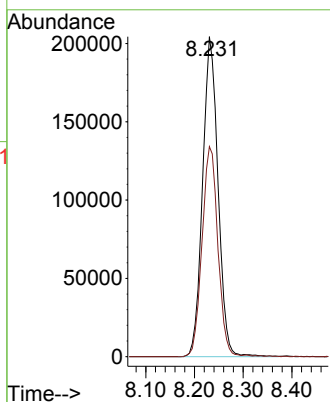
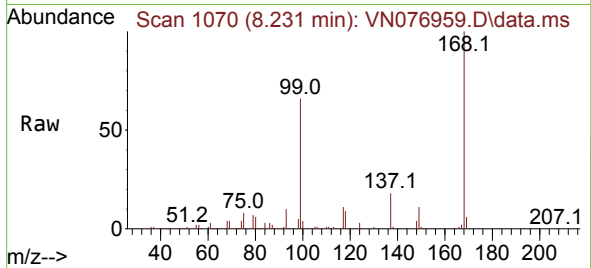
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

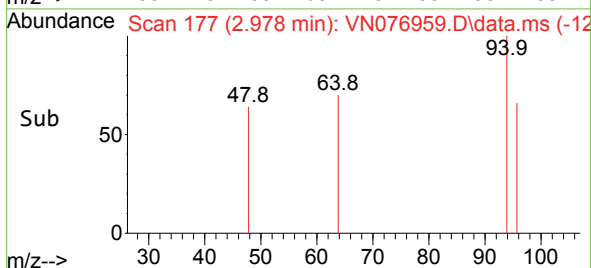
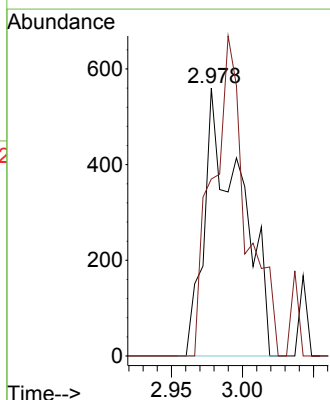
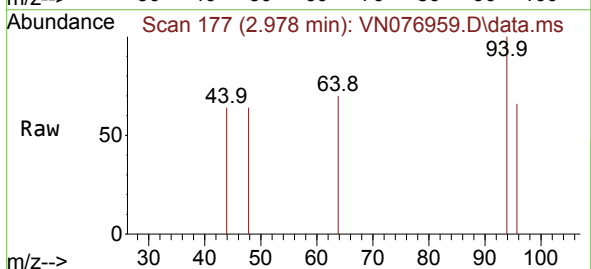
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ClientSampleId :
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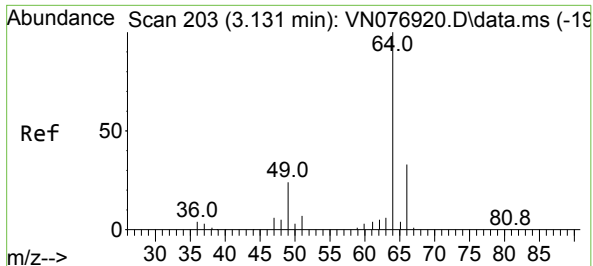
Tgt Ion:168 Resp: 448355
Ion Ratio Lower Upper
168 100
99 65.6 48.6 73.0



#5
Bromomethane
Concen: 0.333 ug/l
RT: 2.978 min Scan# 177
Delta R.T. 0.023 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

Tgt Ion: 94 Resp: 993
Ion Ratio Lower Upper
94 100
96 66.1 79.0 118.6#

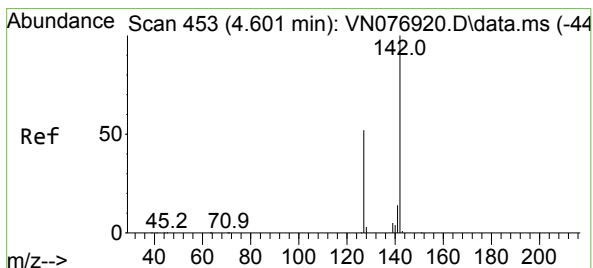
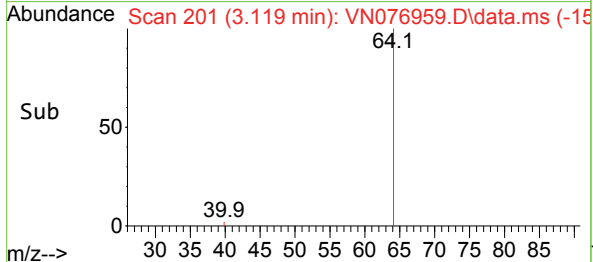
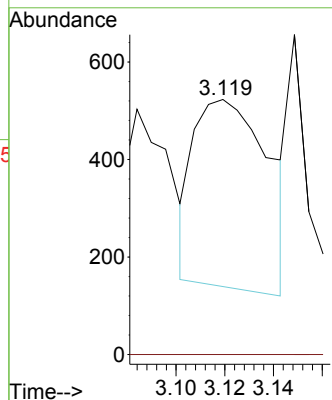
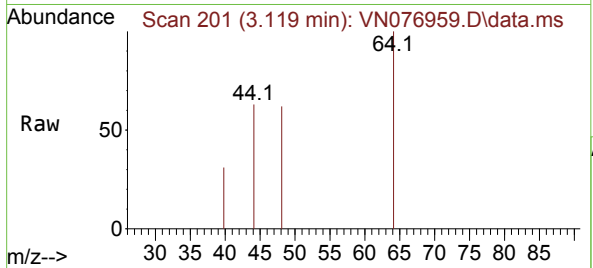




#6
Chloroethane
Concen: 0.316 ug/l
RT: 3.119 min Scan# 203
Delta R.T. -0.012 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

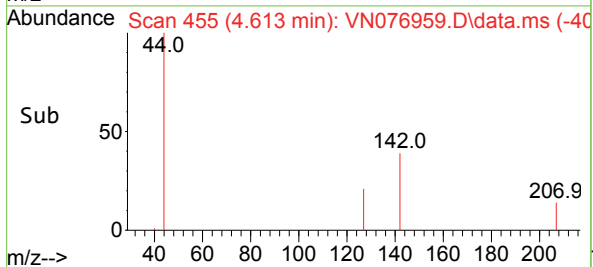
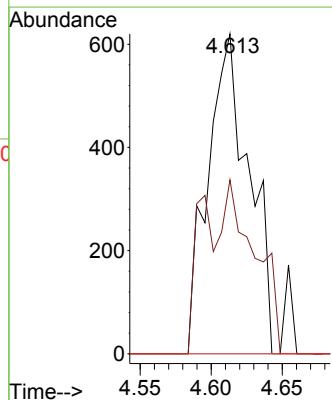
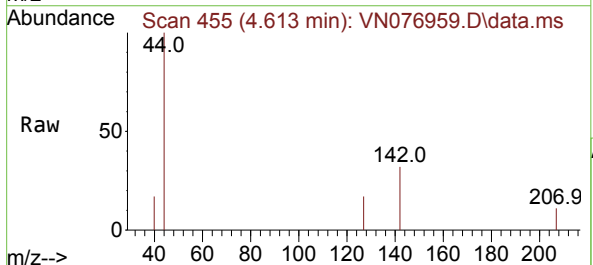
Instrument :
MSVOA_N
ClientSampleId :
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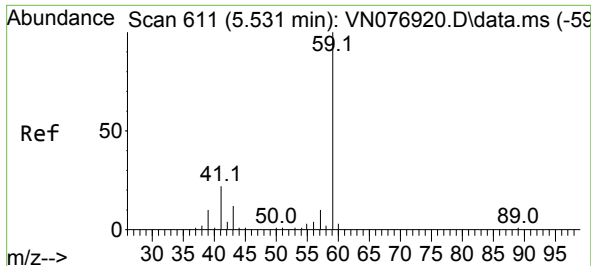
Tgt Ion: 64 Resp: 813
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#10
Methyl Iodide
Concen: 0.222 ug/l
RT: 4.613 min Scan# 455
Delta R.T. 0.012 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

Tgt Ion:142 Resp: 1250
Ion Ratio Lower Upper
142 100
127 54.4 35.2 52.8#
141 0.0 10.2 15.2#

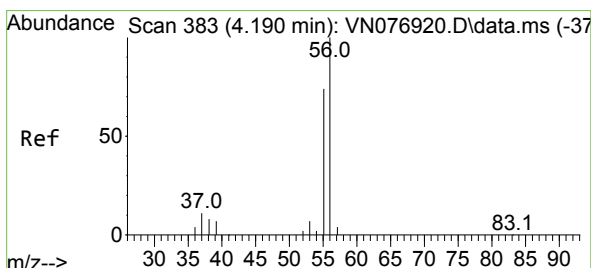
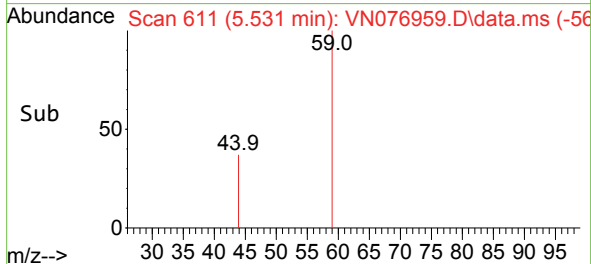
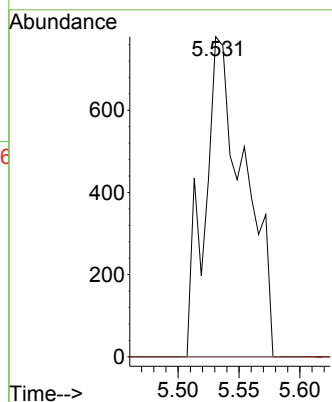
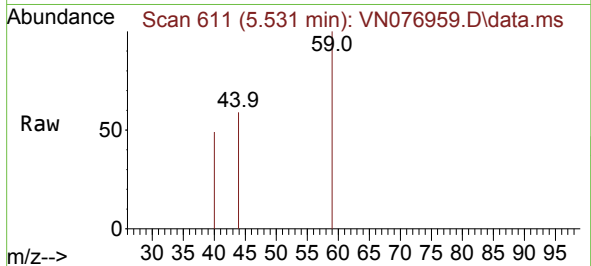




#11
Tert butyl alcohol
Concen: 1.920 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

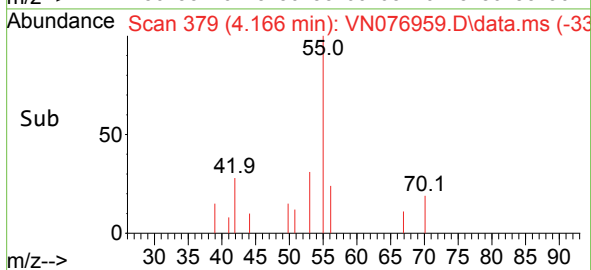
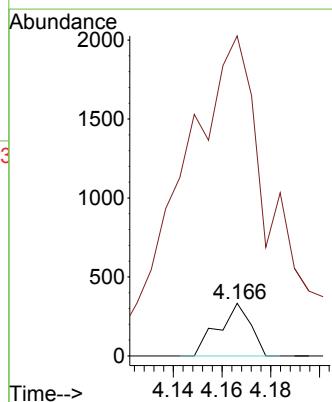
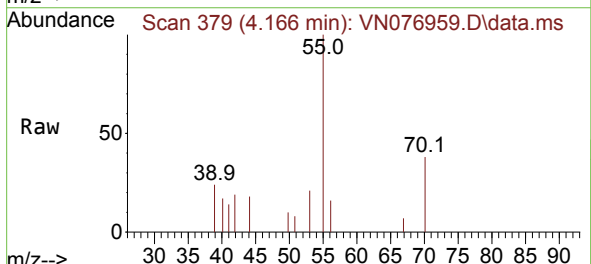
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MSVOA_N
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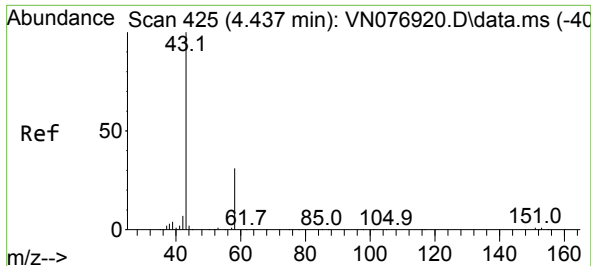
Tgt Ion: 59 Resp: 1787
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 0.365 ug/l
RT: 4.166 min Scan# 379
Delta R.T. -0.024 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

Tgt Ion: 56 Resp: 305
Ion Ratio Lower Upper
56 100
55 1708.9 56.7 85.1#

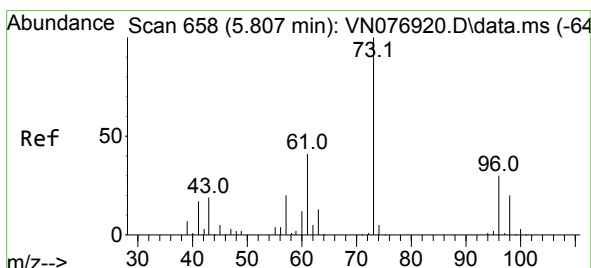
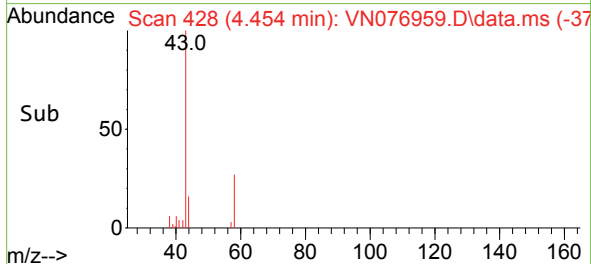
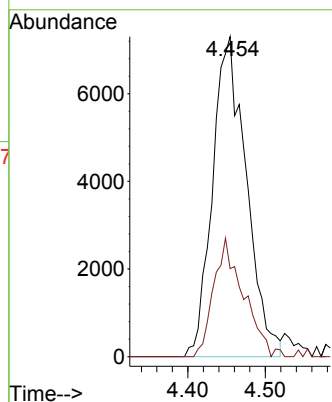
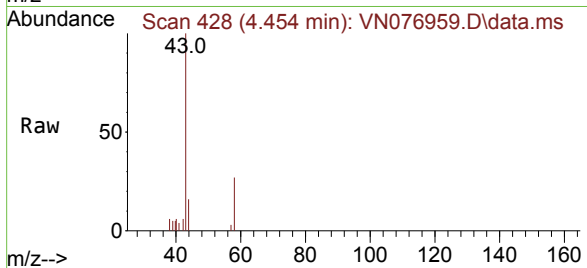




#16
Acetone
Concen: 9.542 ug/l
RT: 4.454 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

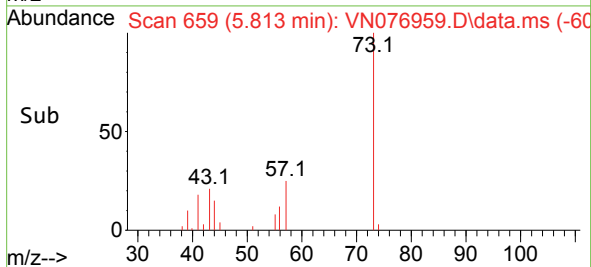
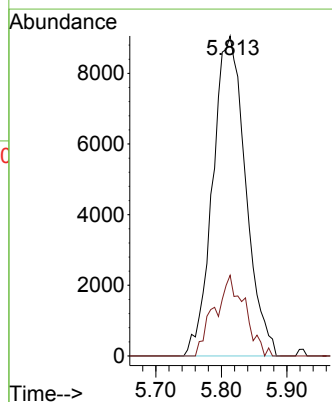
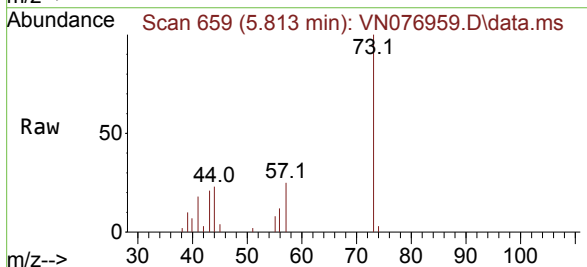
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ClientSampleId :
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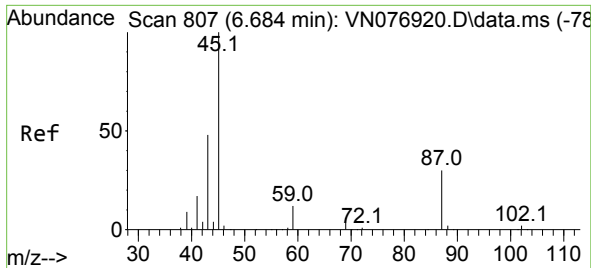
Tgt Ion: 43 Resp: 22122
Ion Ratio Lower Upper
43 100
58 27.5 28.2 42.2#



#19
Methyl tert-butyl Ether
Concen: 1.786 ug/l
RT: 5.813 min Scan# 659
Delta R.T. 0.006 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

Tgt Ion: 73 Resp: 31474
Ion Ratio Lower Upper
73 100
57 25.2 16.1 24.1#

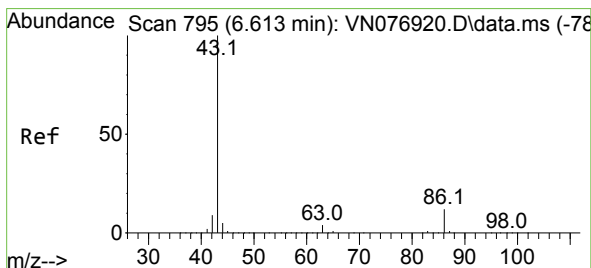
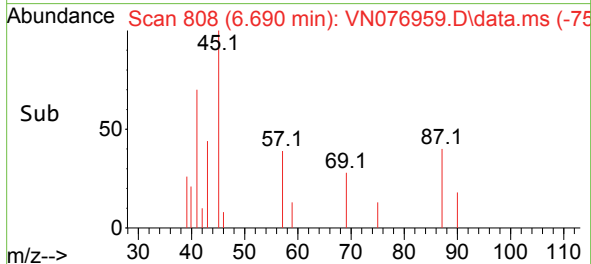
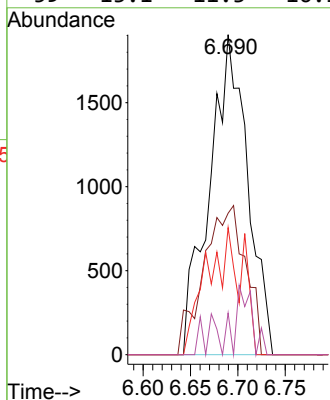
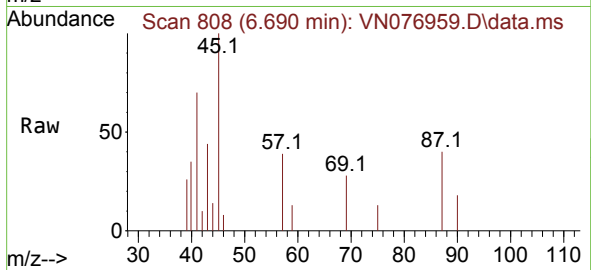




#22
Diisopropyl ether
Concen: 0.339 ug/l
RT: 6.690 min Scan# 808
Delta R.T. 0.006 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

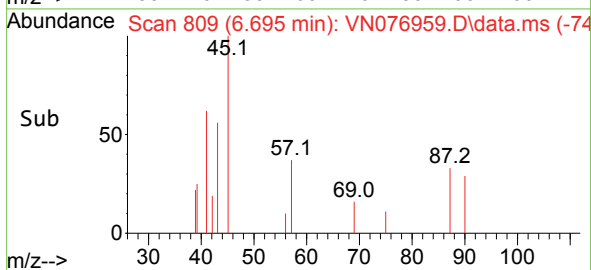
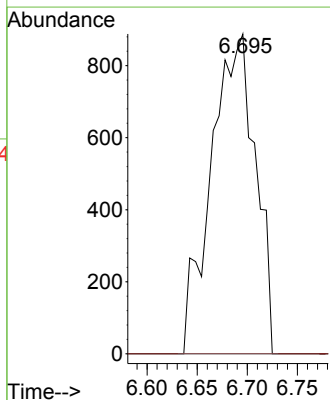
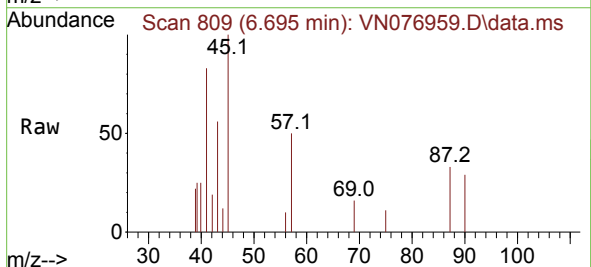
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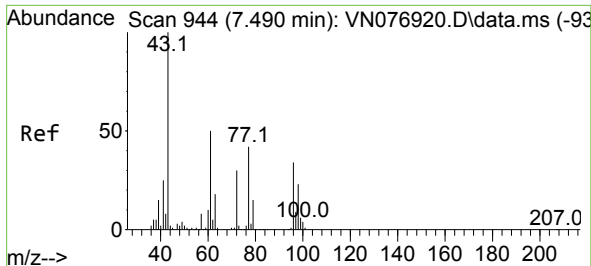
Tgt Ion:	45	Resp:	5340
Ion Ratio	Lower	Upper	
45	100		
43	44.2	42.6	63.8
87	39.7	29.7	44.5
59	13.1	11.3	16.9



#23
Vinyl Acetate
Concen: 0.282 ug/l
RT: 6.695 min Scan# 809
Delta R.T. 0.082 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

Tgt Ion:	43	Resp:	2727
Ion Ratio	Lower	Upper	
43	100		
86	0.0	11.8	17.6

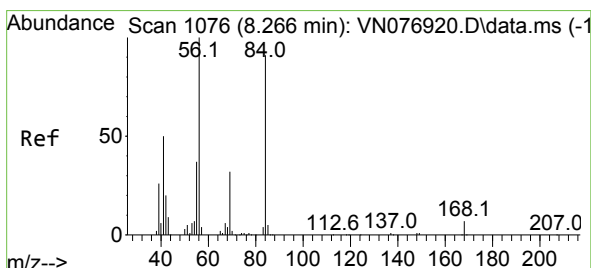
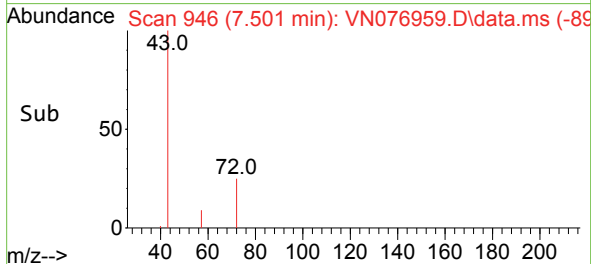
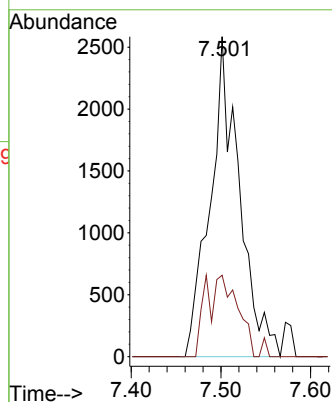
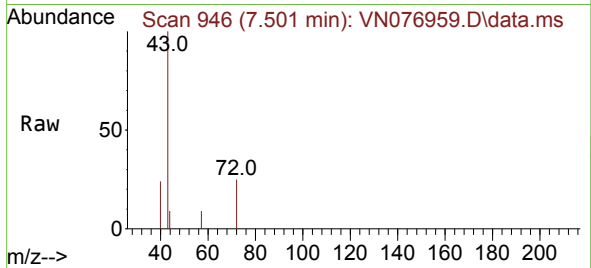




#25
2-Butanone
Concen: 1.769 ug/l
RT: 7.501 min Scan# 944
Delta R.T. 0.011 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

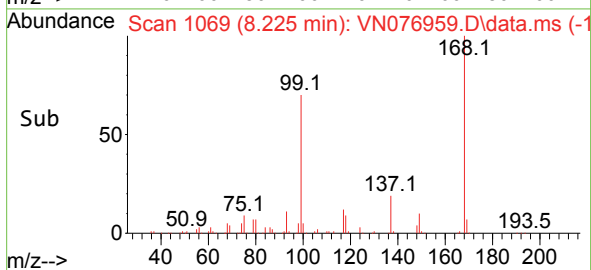
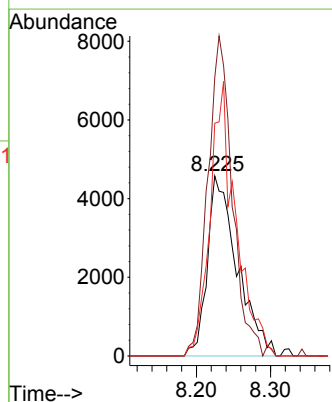
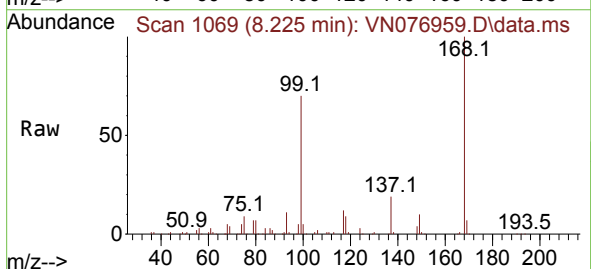
Instrument :
MSVOA_N
ClientSampleId :
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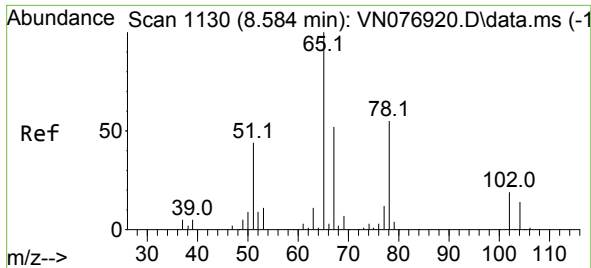
Tgt Ion: 43 Resp: 5832
Ion Ratio Lower Upper
43 100
72 25.4 28.8 43.2#



#31
Cyclohexane
Concen: 1.338 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.041 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

Tgt Ion: 56 Resp: 12841
Ion Ratio Lower Upper
56 100
69 154.6 27.0 40.6#
84 129.3 82.9 124.3#

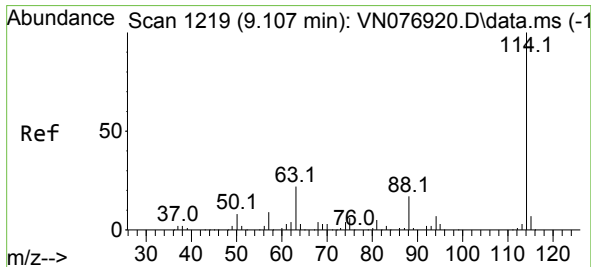
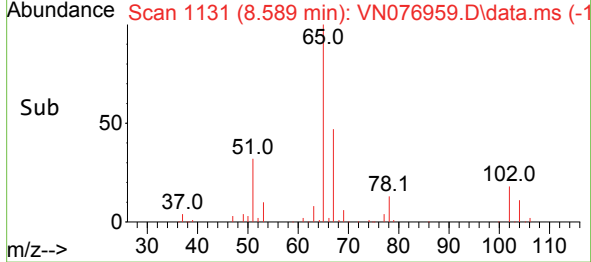
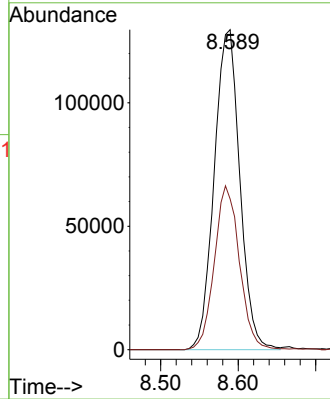
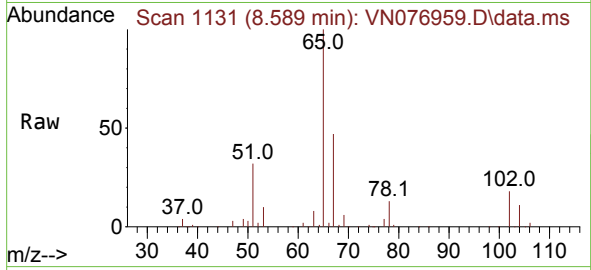




#33
 1,2-Dichloroethane-d4
 Concen: 44.506 ug/l
 RT: 8.589 min Scan# 1130
 Delta R.T. 0.005 min
 Lab File: VN076959.D
 Acq: 13 Mar 2023 14:07

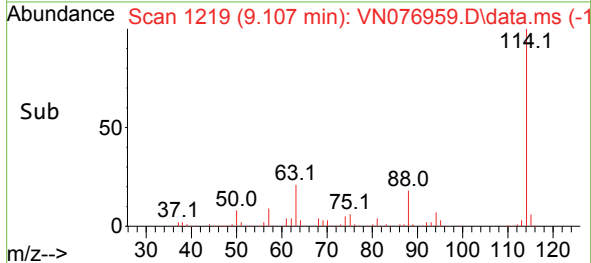
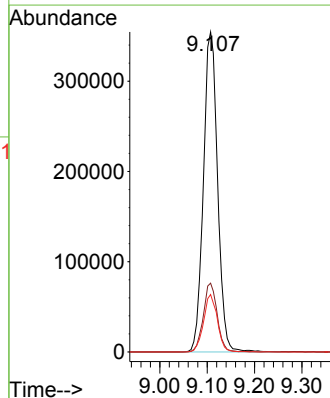
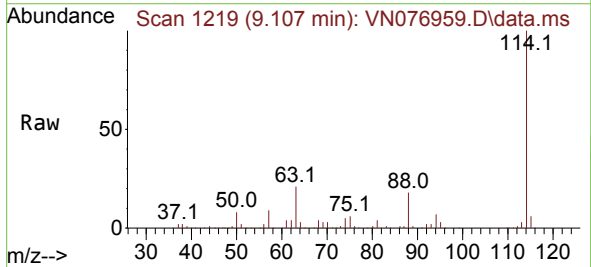
Instrument :
 MSVOA_N
 ClientSampleId :
 33952

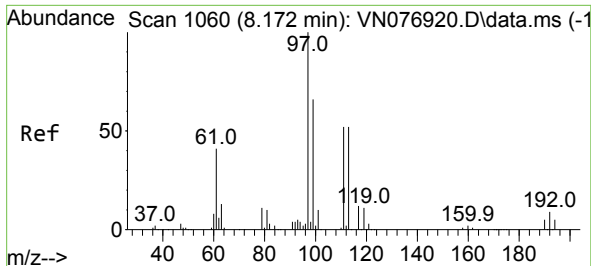
Tgt Ion: 65 Resp: 297773
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: VN076959.D
 Acq: 13 Mar 2023 14:07

Tgt Ion: 114 Resp: 738037
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 36.6
 88 18.0 0.0 28.6





#35

Dibromofluoromethane

Concen: 46.084 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076959.D

Acq: 13 Mar 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

33952

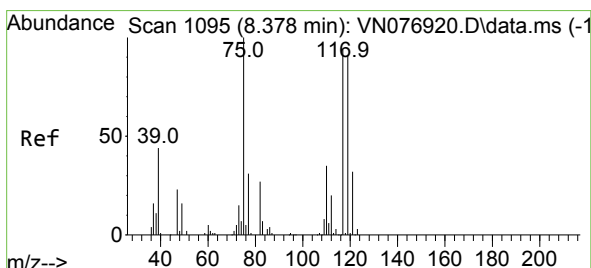
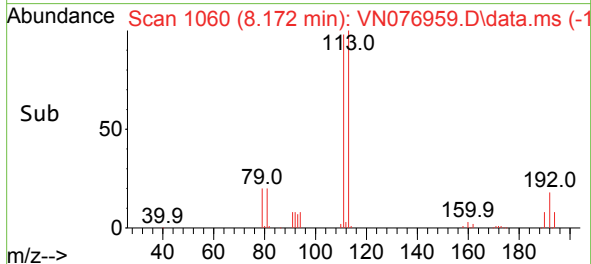
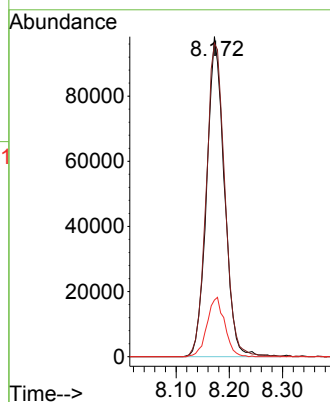
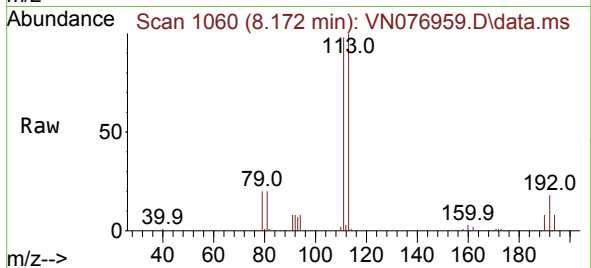
Tgt Ion:113 Resp: 226675

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

192 18.5 13.9 20.9



#36

1,1-Dichloropropene

Concen: 4.990 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.147 min

Lab File: VN076959.D

Acq: 13 Mar 2023 14:07

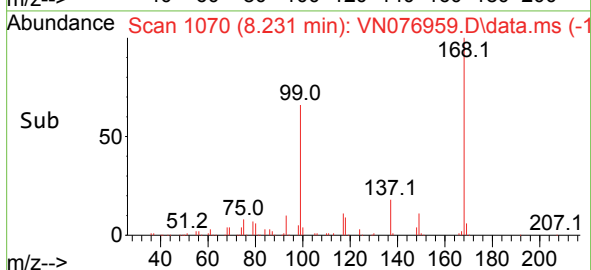
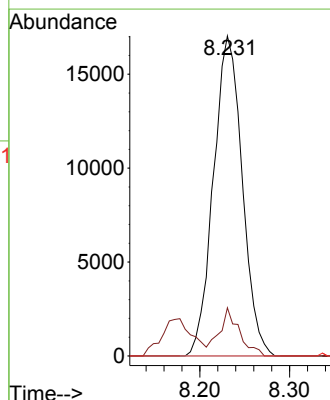
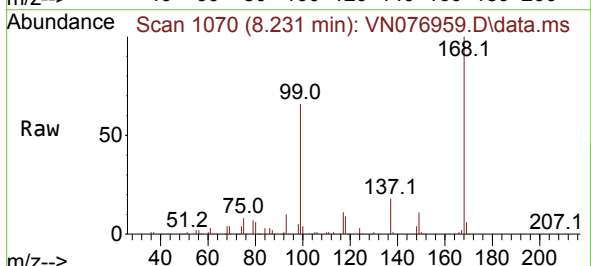
Tgt Ion: 75 Resp: 37961

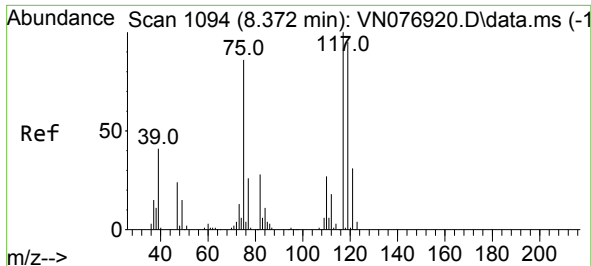
Ion Ratio Lower Upper

75 100

110 10.5 18.9 56.9#

77 0.0 24.9 37.3#

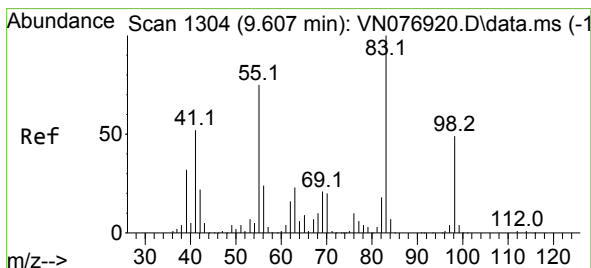
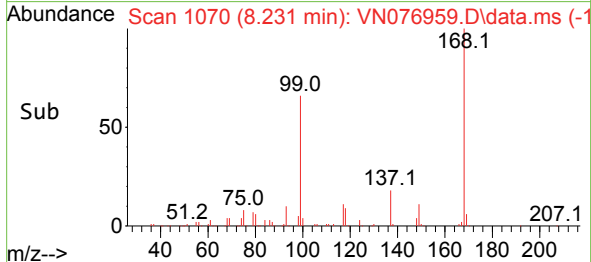
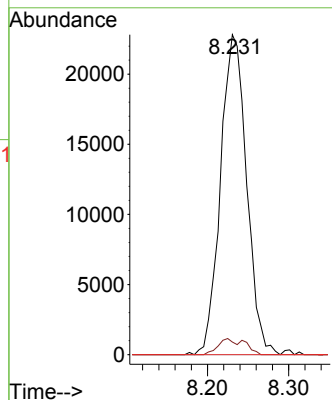
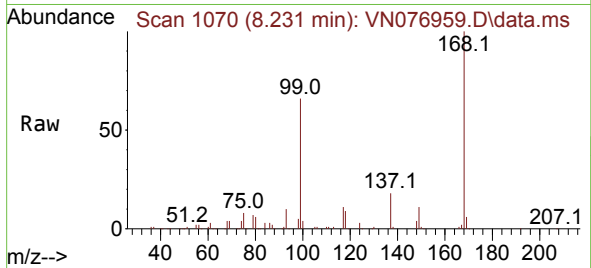




#38
Carbon Tetrachloride
Concen: 5.726 ug/l
RT: 8.231 min Scan# 1094
Delta R.T. -0.141 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

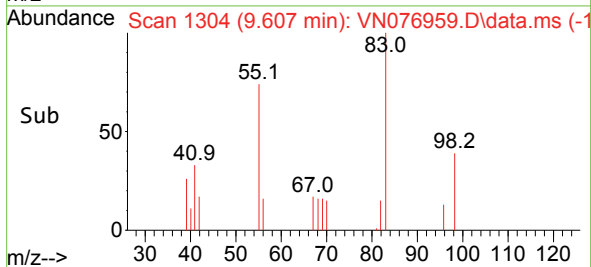
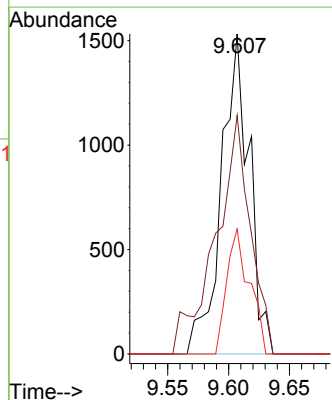
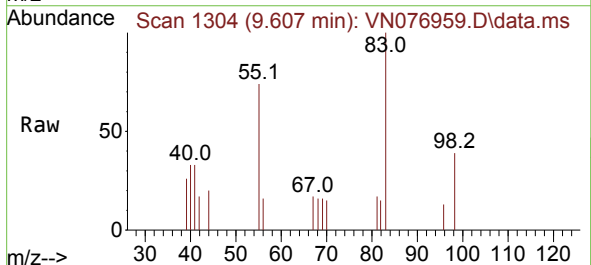
Instrument :
MSVOA_N
ClientSampleId :
33952

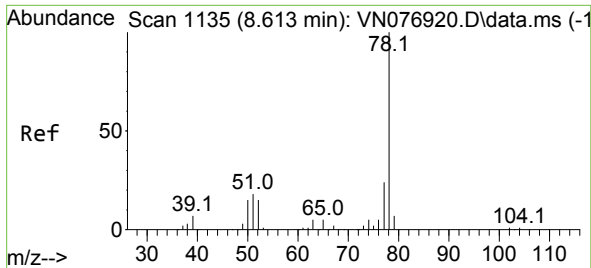
Tgt Ion:117 Resp: 50983
Ion Ratio Lower Upper
117 100
119 3.9 76.9 115.3#
121 0.0 23.2 34.8#



#39
Methylcyclohexane
Concen: 0.265 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

Tgt Ion: 83 Resp: 2449
Ion Ratio Lower Upper
83 100
55 74.5 47.0 70.4#
98 39.0 39.4 59.0#

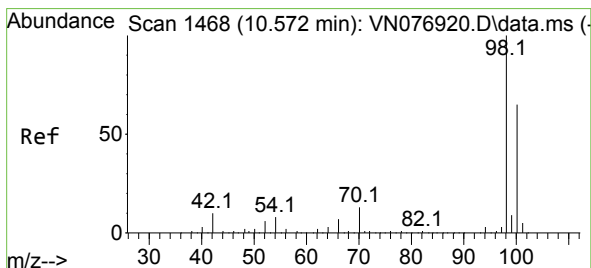
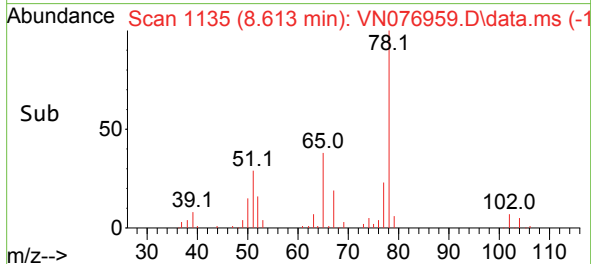
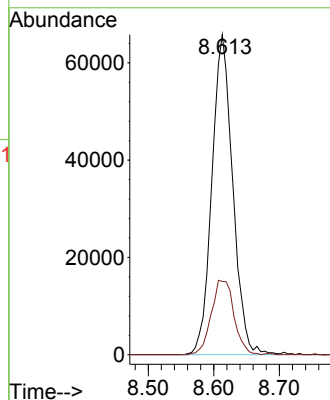
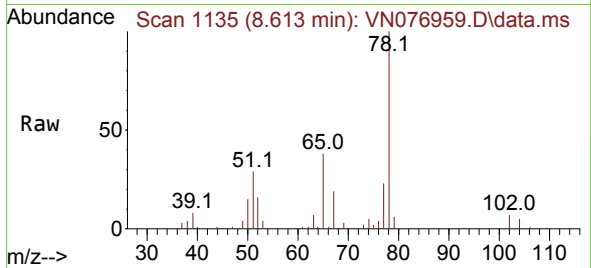




#40
Benzene
Concen: 6.473 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

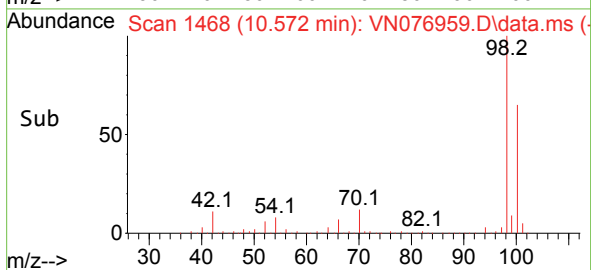
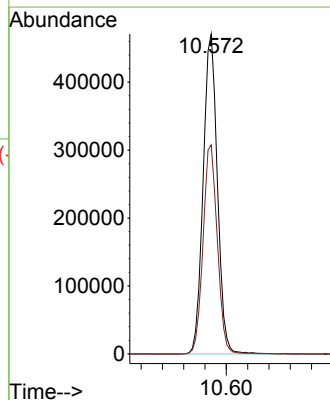
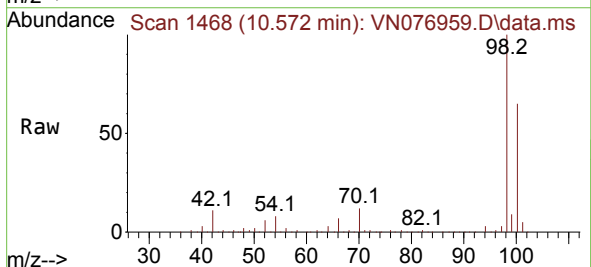
Instrument :
MSVOA_N
ClientSampleId :
33952

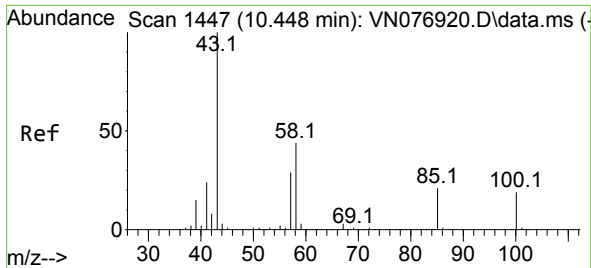
Tgt Ion: 78 Resp: 145155
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9



#50
Toluene-d8
Concen: 48.030 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

Tgt Ion: 98 Resp: 870698
Ion Ratio Lower Upper
98 100
100 65.6 52.8 79.2

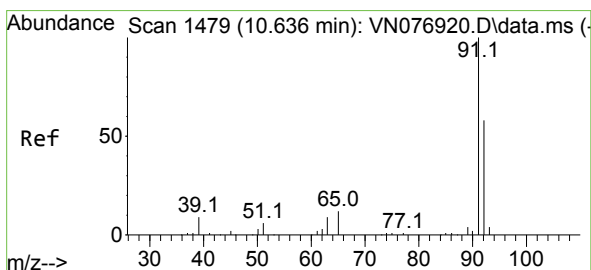
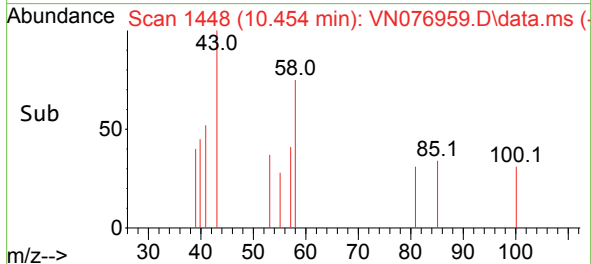
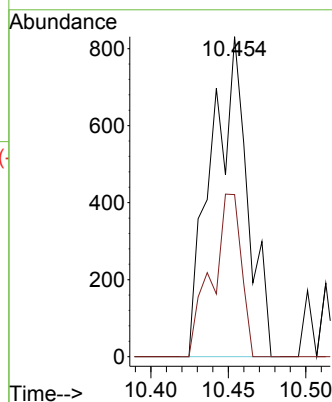
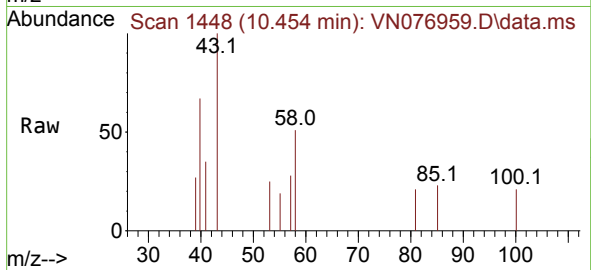




#51
4-Methyl-2-Pentanone
Concen: 0.208 ug/l
RT: 10.454 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

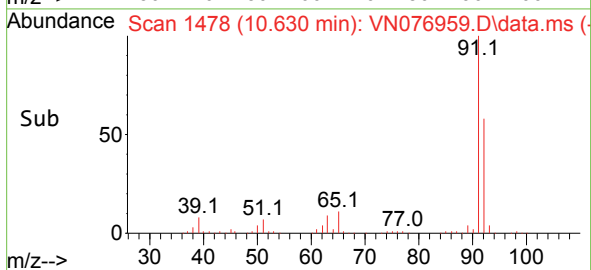
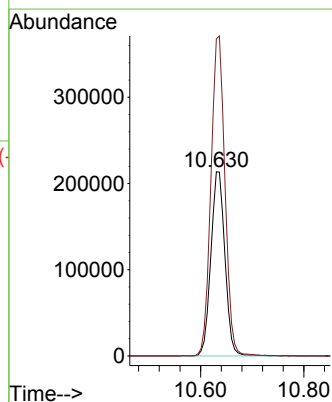
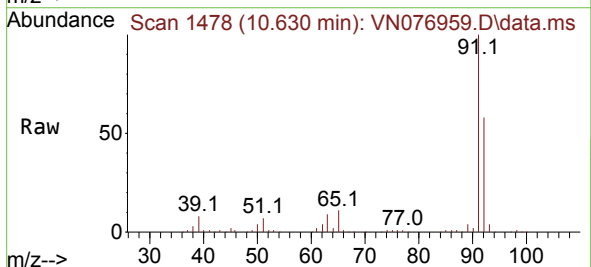
Instrument :
MSVOA_N
ClientSampleId :
33952

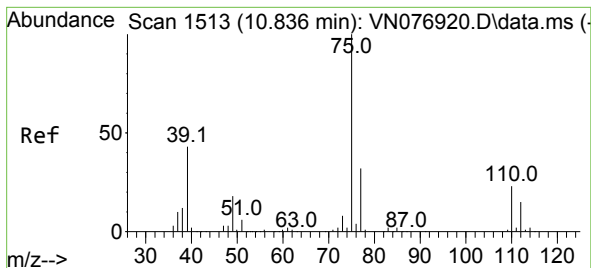
Tgt Ion: 43 Resp: 1345
Ion Ratio Lower Upper
43 100
58 41.2 37.4 56.0



#52
Toluene
Concen: 29.172 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

Tgt Ion: 92 Resp: 402601
Ion Ratio Lower Upper
92 100
91 173.9 138.2 207.2

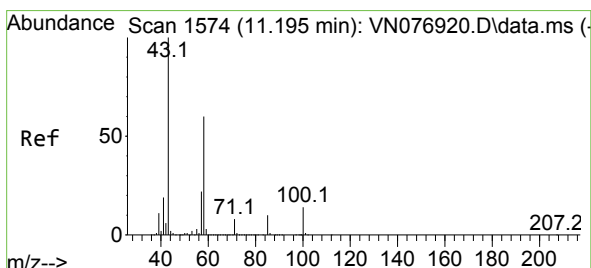
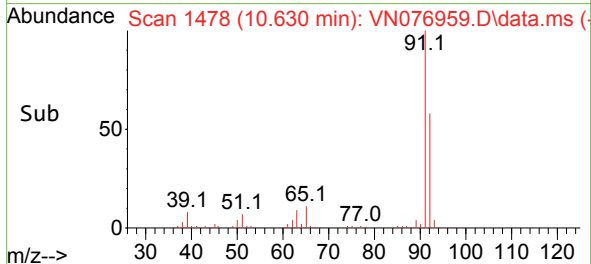
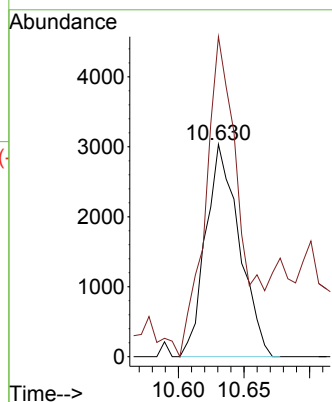
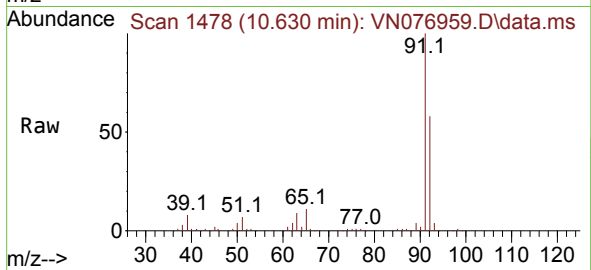




#53
t-1,3-Dichloropropene
Concen: 0.665 ug/l
RT: 10.630 min Scan# 14
Delta R.T. -0.206 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

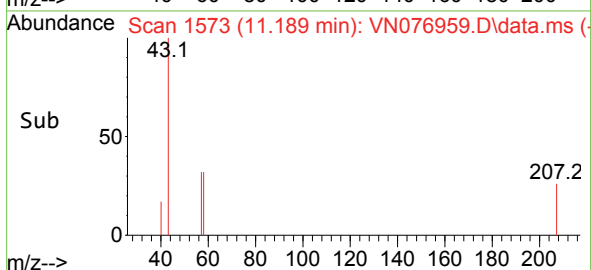
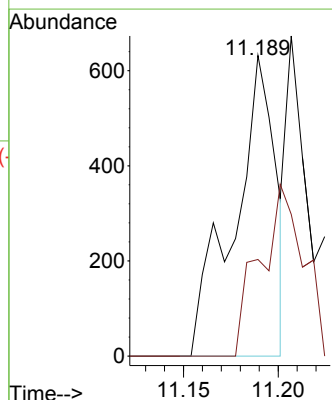
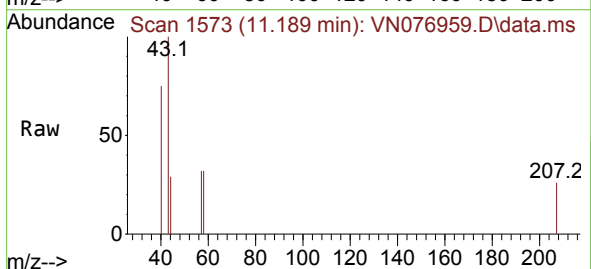
Instrument :
MSVOA_N
ClientSampleId :
33952

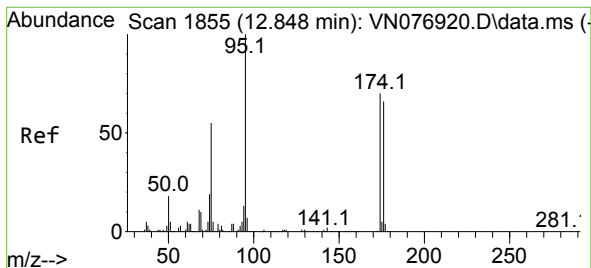
Tgt Ion: 75 Resp: 5419
Ion Ratio Lower Upper
75 100
77 150.8 25.0 37.6#



#59
2-Hexanone
Concen: 0.205 ug/l
RT: 11.189 min Scan# 1573
Delta R.T. -0.006 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

Tgt Ion: 43 Resp: 966
Ion Ratio Lower Upper
43 100
58 59.4 32.6 98.0

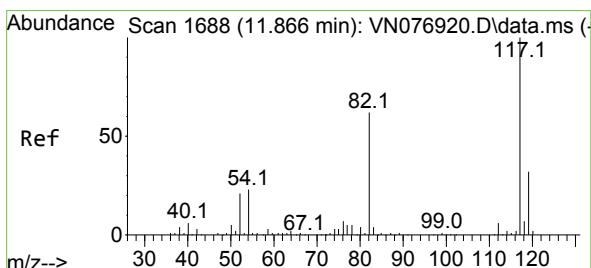
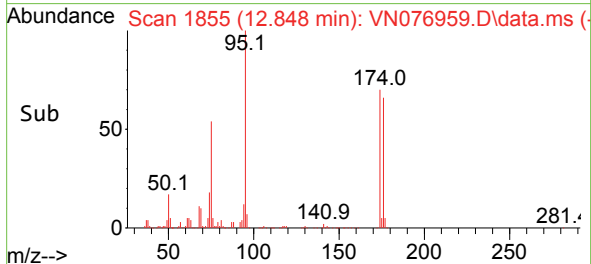
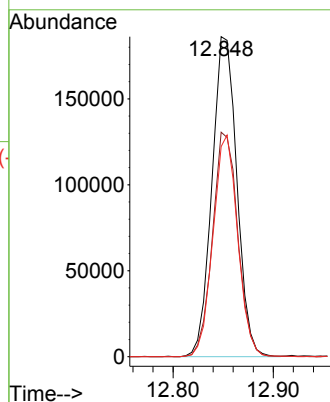
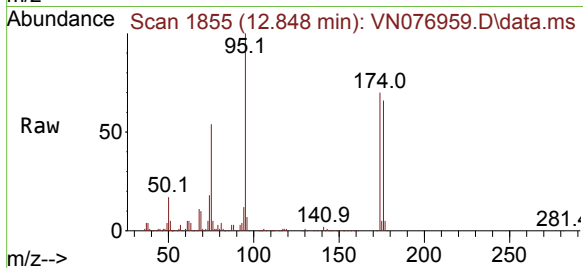




#62
4-Bromofluorobenzene
Concen: 48.461 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

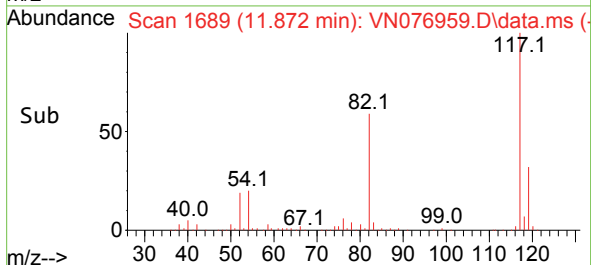
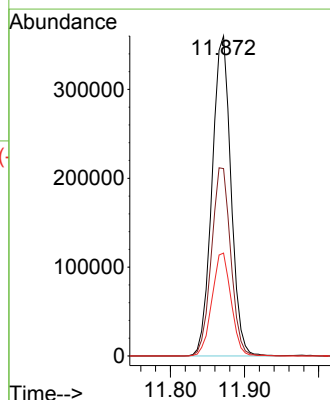
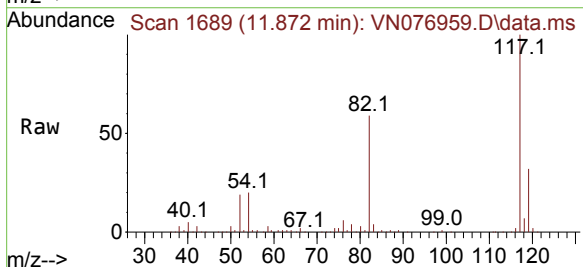
Instrument :
MSVOA_N
ClientSampleId :
33952

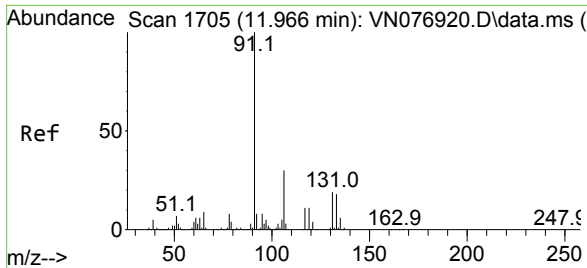
Tgt Ion: 95 Resp: 321331
Ion Ratio Lower Upper
95 100
174 71.2 0.0 162.4
176 68.4 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

Tgt Ion: 117 Resp: 636990
Ion Ratio Lower Upper
117 100
82 58.5 43.5 65.3
119 32.1 25.5 38.3

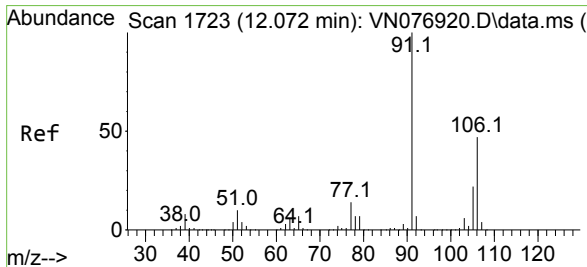
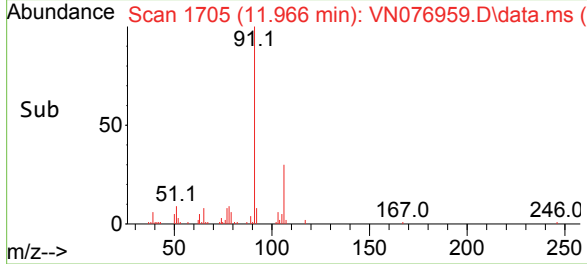
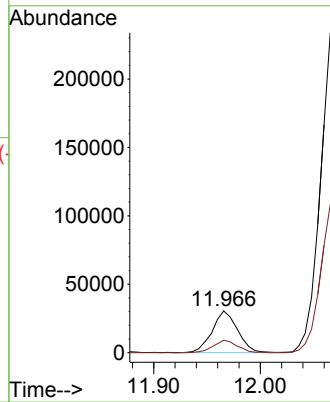
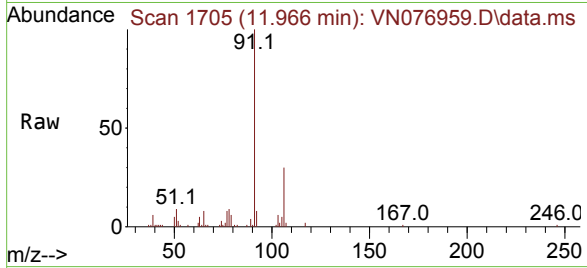




#67
Ethyl Benzene
Concen: 1.925 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

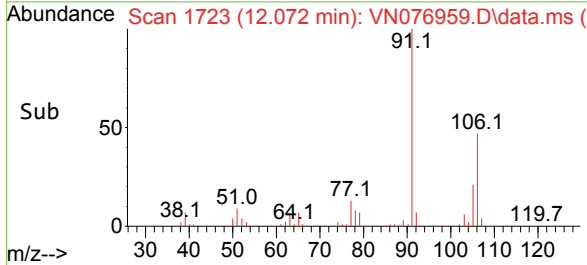
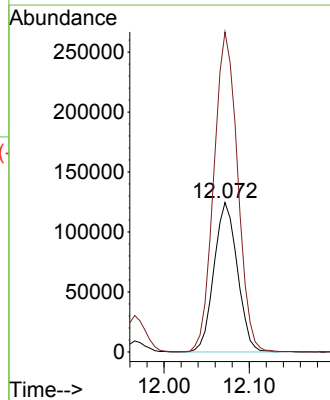
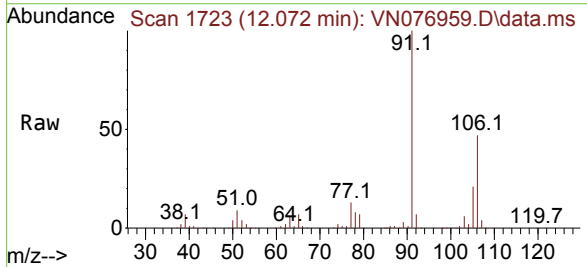
Instrument :
MSVOA_N
ClientSampleId :
33952

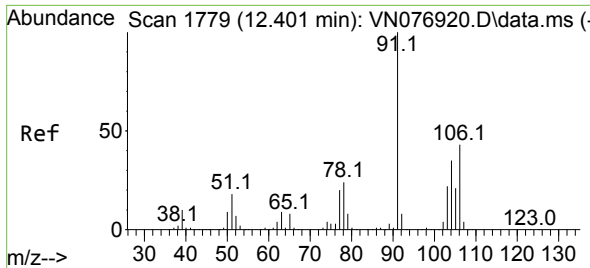
Tgt Ion: 91 Resp: 50423
Ion Ratio Lower Upper
91 100
106 30.1 25.1 37.7



#68
m/p-Xylenes
Concen: 24.129 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

Tgt Ion:106 Resp: 237608
Ion Ratio Lower Upper
106 100
91 217.0 158.0 237.0

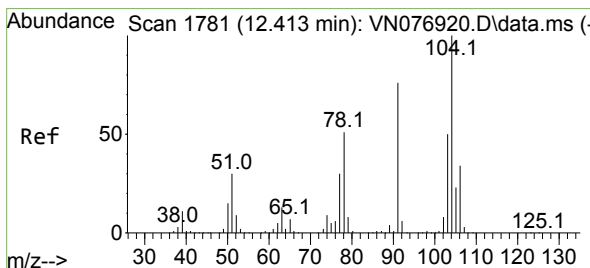
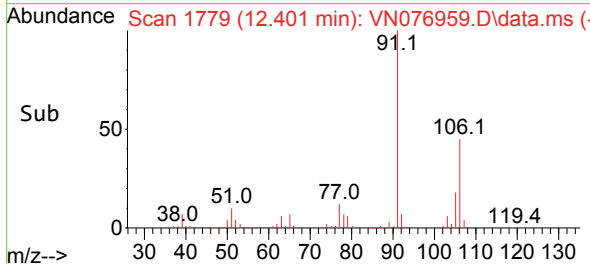
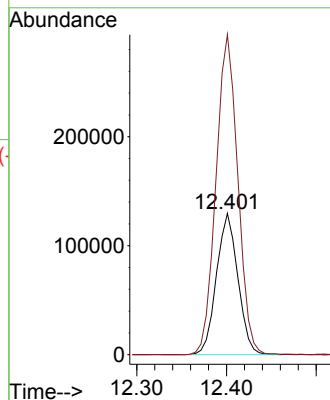
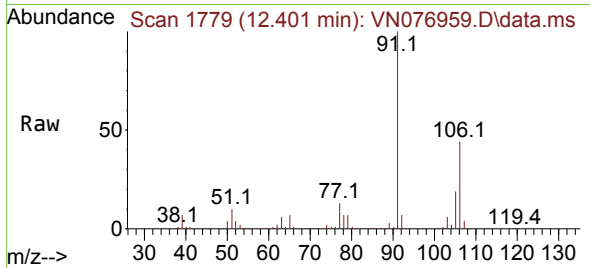




#69
o-Xylene
Concen: 22.470 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

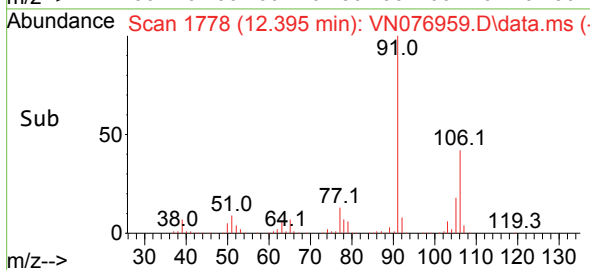
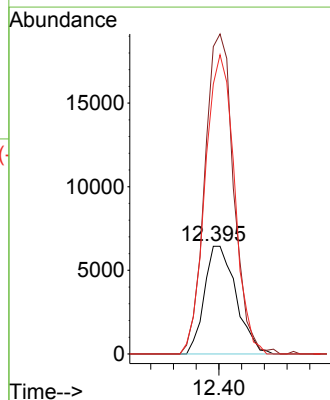
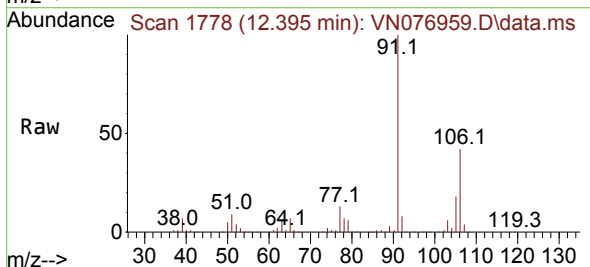
Instrument :
MSVOA_N
ClientSampleId :
33952

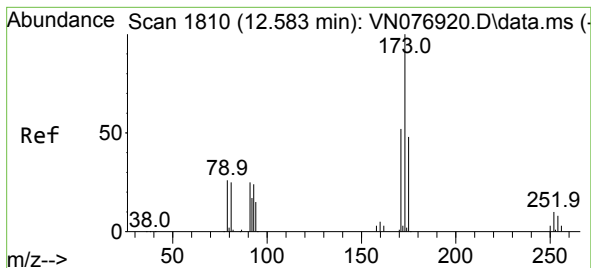
Tgt Ion:106 Resp: 214814
Ion Ratio Lower Upper
106 100
91 231.2 101.8 305.4



#70
Styrene
Concen: 0.804 ug/l
RT: 12.395 min Scan# 1778
Delta R.T. -0.018 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

Tgt Ion:104 Resp: 12415
Ion Ratio Lower Upper
104 100
78 272.4 36.6 55.0#
103 258.9 43.4 65.0#





#71

Bromoform

Concen: 0.289 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.271 min

Lab File: VN076959.D

Acq: 13 Mar 2023 14:07

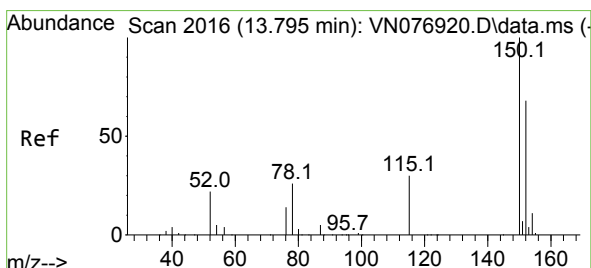
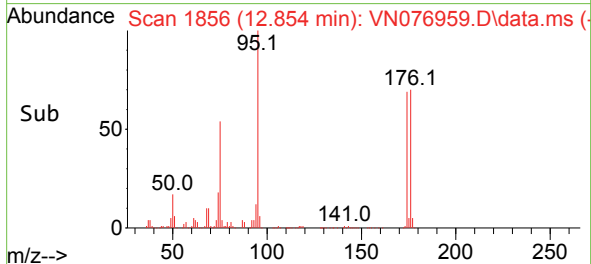
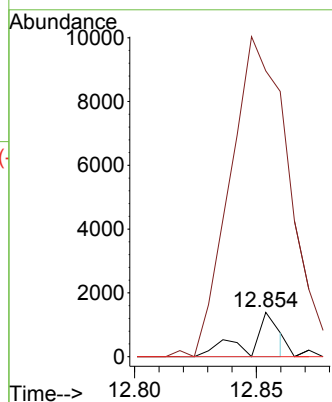
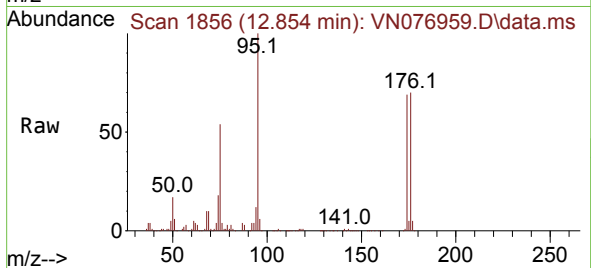
Instrument :

MSVOA_N

ClientSampleId :

33952

Tgt Ion:173	Resp:	1164
Ion Ratio	Lower	Upper
173	100	
175	1224.1	24.9 74.6#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

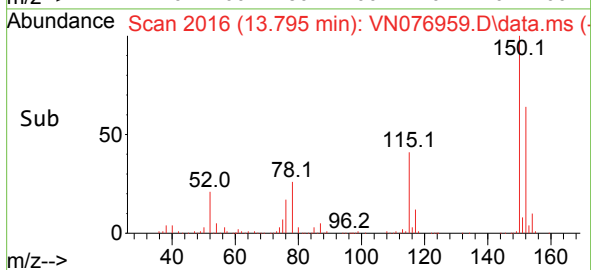
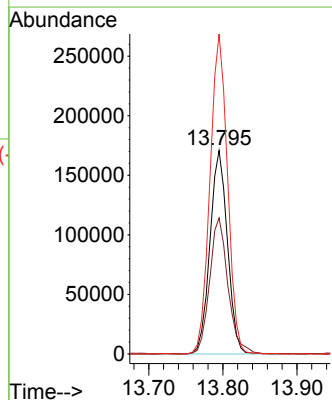
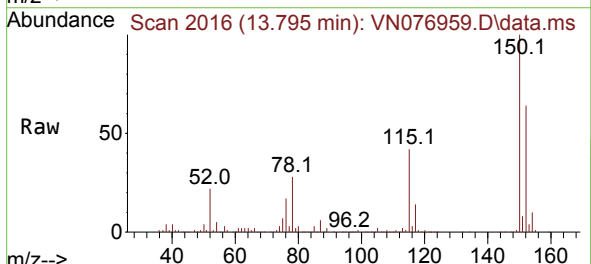
RT: 13.795 min Scan# 2016

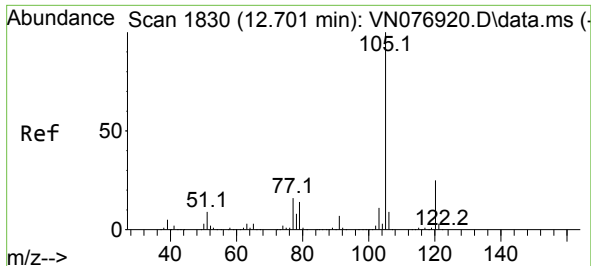
Delta R.T. -0.000 min

Lab File: VN076959.D

Acq: 13 Mar 2023 14:07

Tgt Ion:152	Resp:	279923
Ion Ratio	Lower	Upper
152	100	
115	70.3	30.3 90.9
150	157.3	0.0 353.6

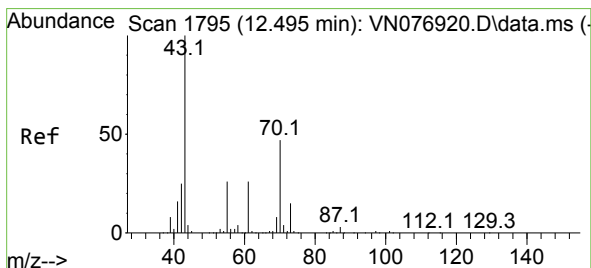
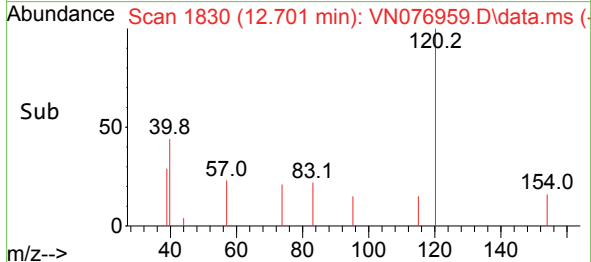
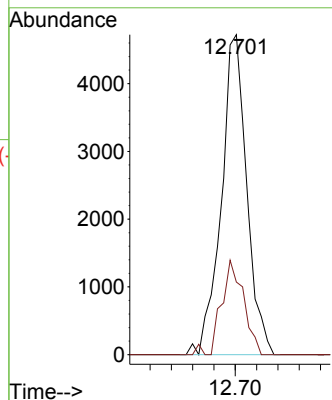
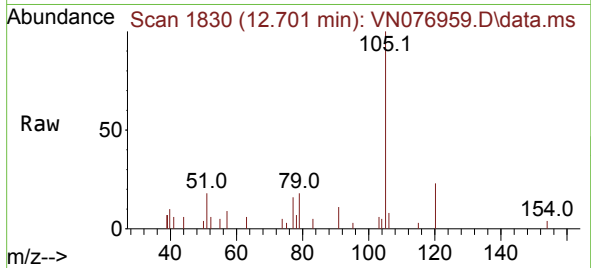




#73
Isopropylbenzene
Concen: 0.314 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

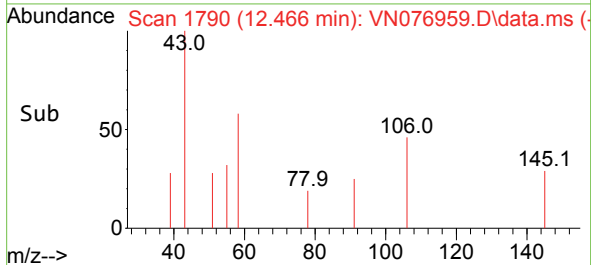
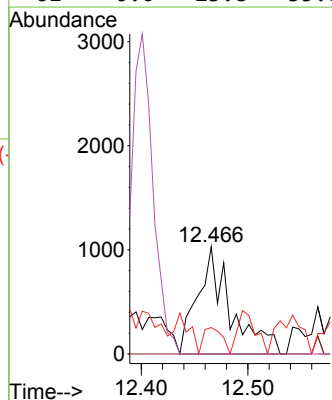
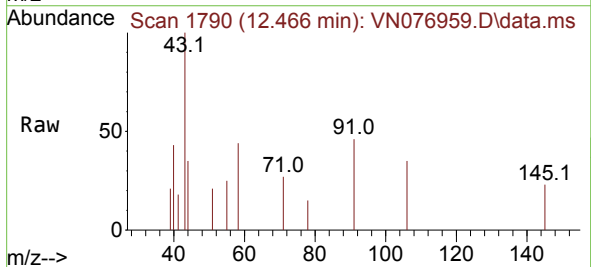
Instrument :
MSVOA_N
ClientSampleId :
33952

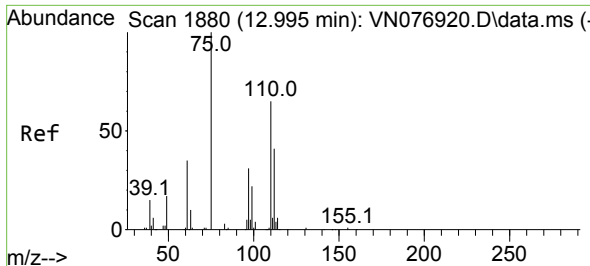
Tgt Ion:105 Resp: 7832
Ion Ratio Lower Upper
105 100
120 25.8 13.8 41.4



#74
N-ethyl acetate
Concen: 0.270 ug/l
RT: 12.466 min Scan# 1790
Delta R.T. -0.029 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

Tgt Ion: 43 Resp: 2228
Ion Ratio Lower Upper
43 100
70 0.0 46.8 70.2#
55 13.7 23.4 35.2#
61 0.0 23.8 35.8#

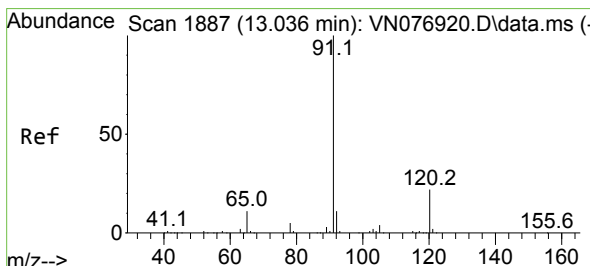
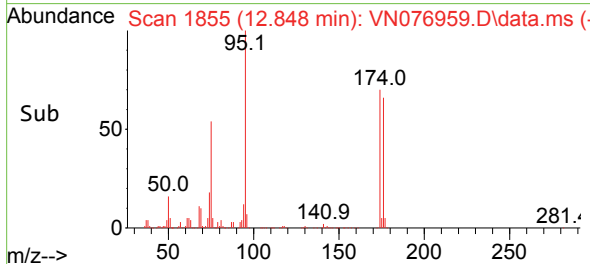
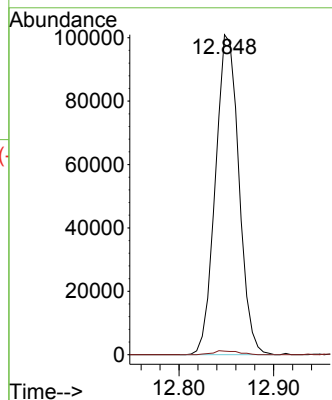
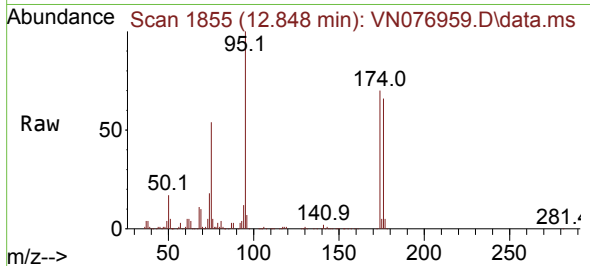




#76
1,2,3-Trichloropropane
Concen: 25.665 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.147 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

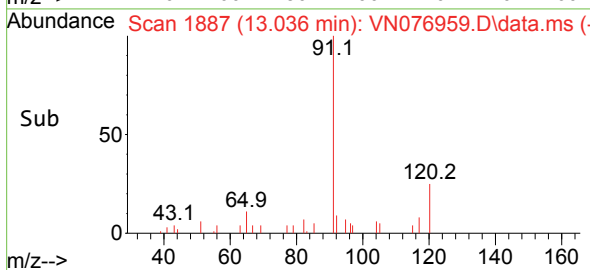
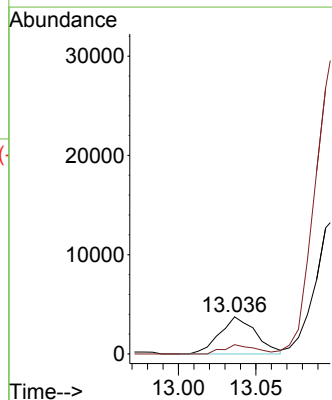
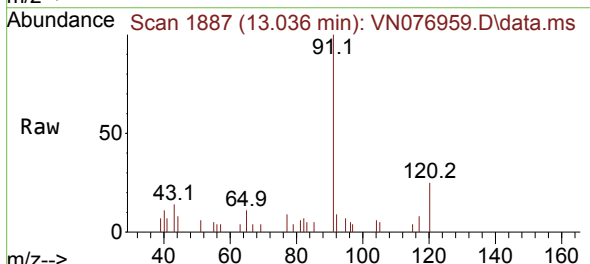
Instrument :
MSVOA_N
ClientSampleId :
33952

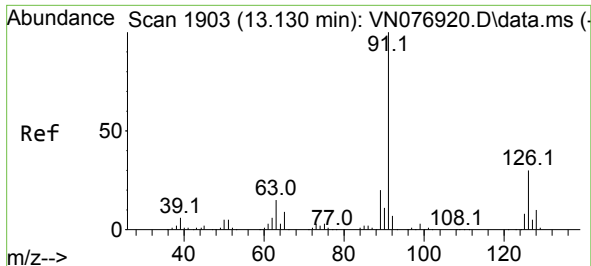
Tgt Ion: 75 Resp: 174175
Ion Ratio Lower Upper
75 100
77 1.3 93.8 281.4#



#78
n-propylbenzene
Concen: 0.219 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

Tgt Ion: 91 Resp: 6074
Ion Ratio Lower Upper
91 100
120 0.0 11.9 35.7#

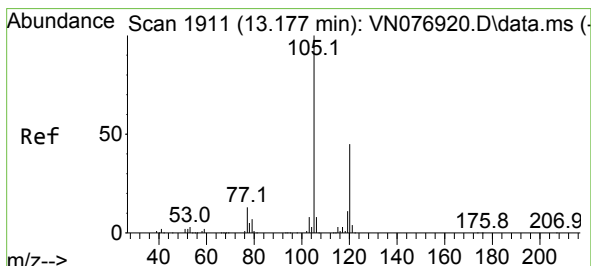
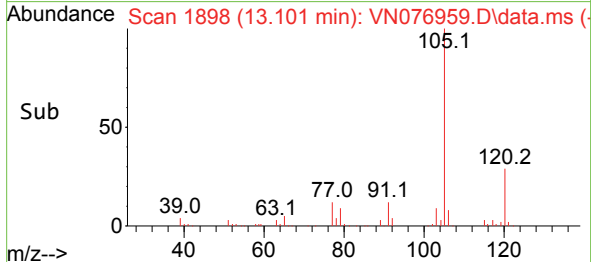
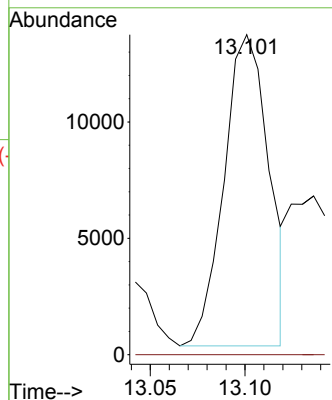
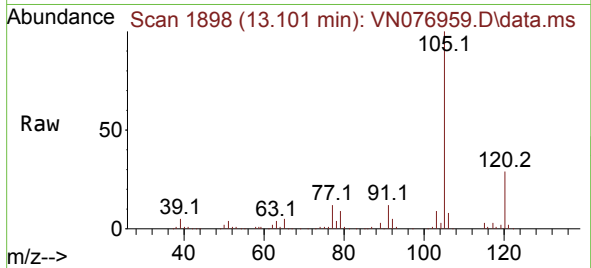




#79
2-Chlorotoluene
Concen: 1.224 ug/l
RT: 13.101 min Scan# 1898
Delta R.T. -0.029 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

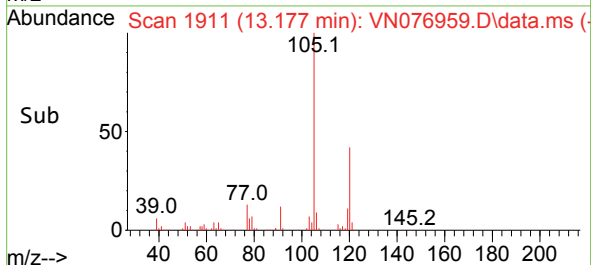
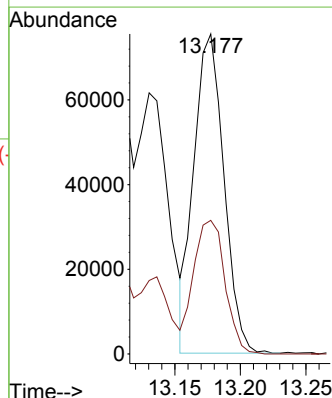
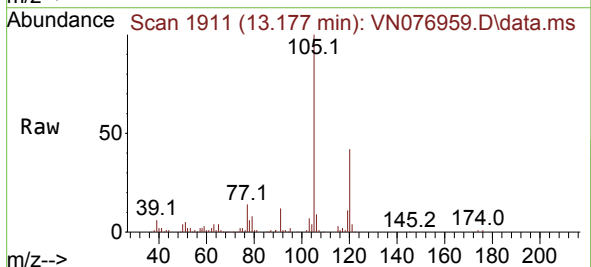
Instrument :
MSVOA_N
ClientSampleId :
33952

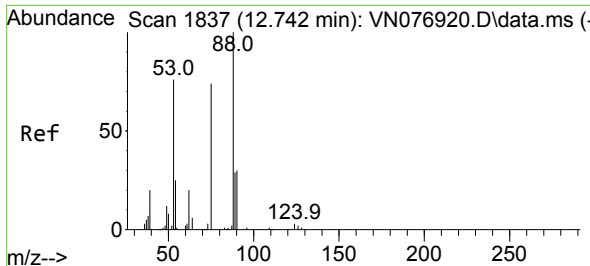
Tgt Ion: 91 Resp: 22055
Ion Ratio Lower Upper
91 100
126 0.0 17.7 53.1#



#80
1,3,5-Trimethylbenzene
Concen: 5.646 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

Tgt Ion: 105 Resp: 119969
Ion Ratio Lower Upper
105 100
120 43.8 25.2 75.6

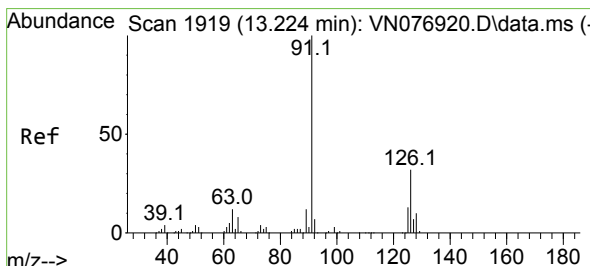
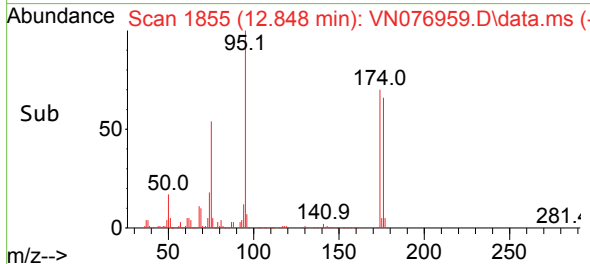
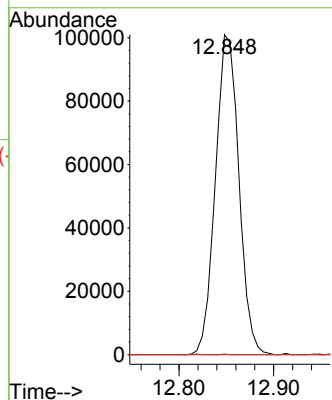
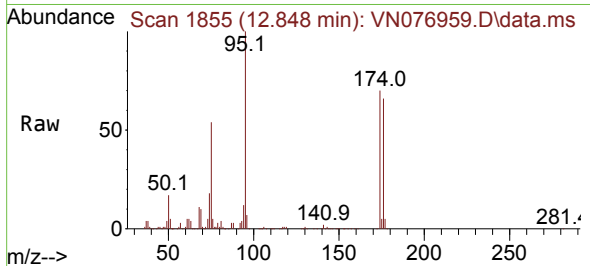




#81
trans-1,4-Dichloro-2-butene
Concen: 83.834 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.106 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

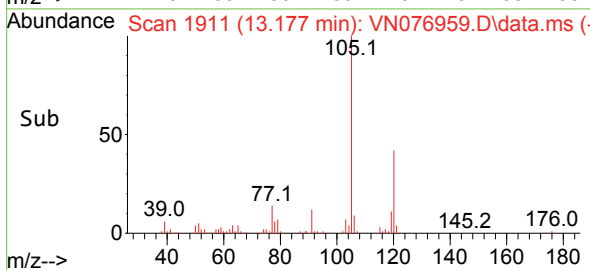
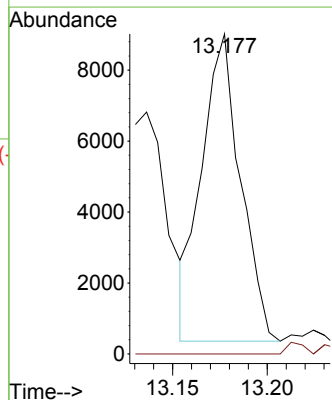
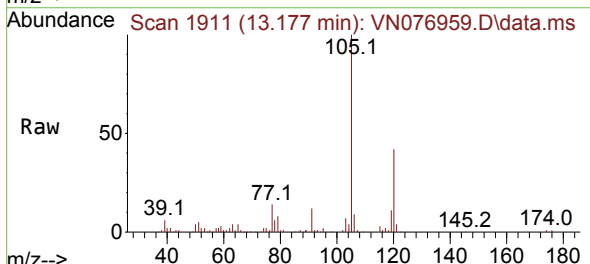
Instrument :
MSVOA_N
ClientSampleId :
33952

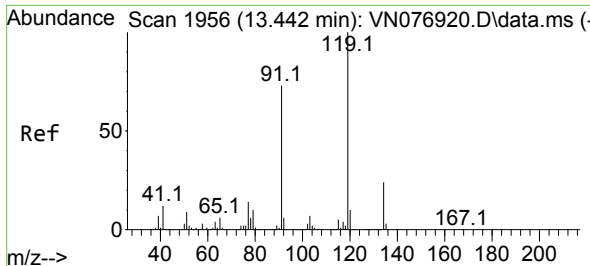
Tgt Ion: 75 Resp: 174175
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.0#
89 0.0 39.5 59.3#



#82
4-Chlorotoluene
Concen: 0.725 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.047 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

Tgt Ion: 91 Resp: 12332
Ion Ratio Lower Upper
91 100
126 0.0 18.0 54.0#

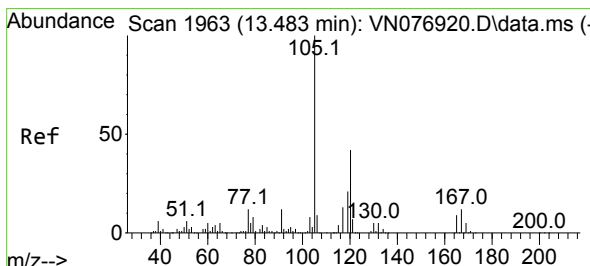
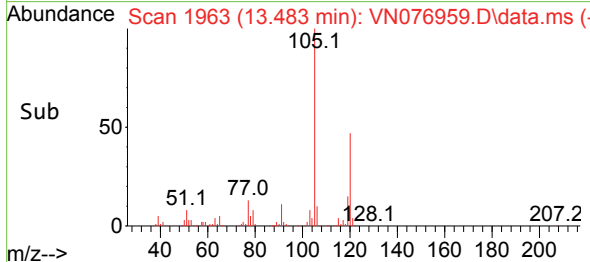
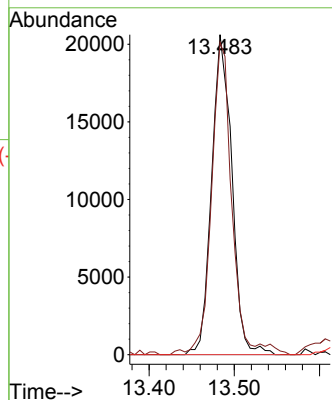
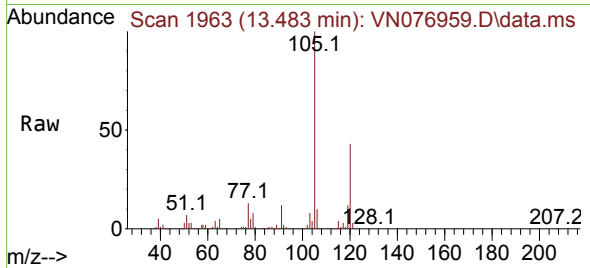




#83
tert-Butylbenzene
Concen: 1.887 ug/l
RT: 13.483 min Scan# 1956
Delta R.T. 0.041 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

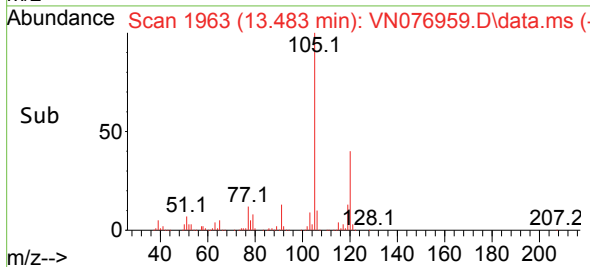
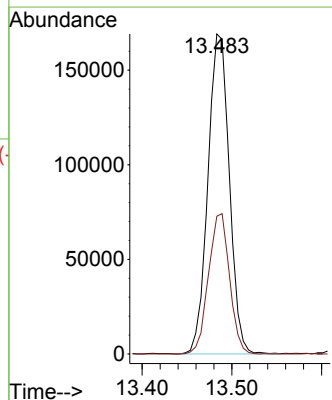
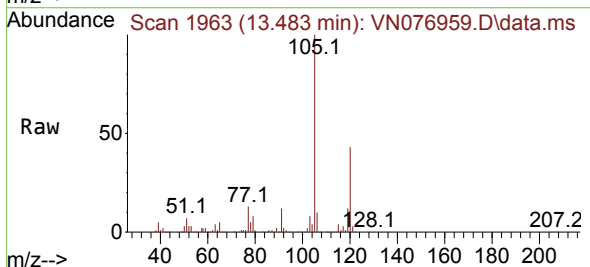
Instrument :
MSVOA_N
ClientSampleId :
33952

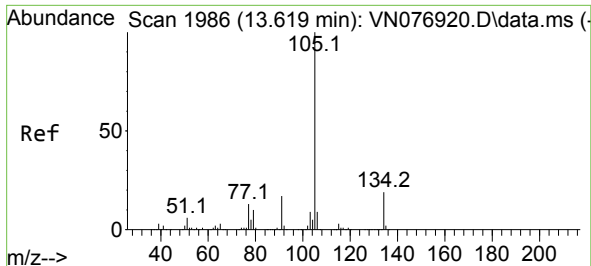
Tgt Ion:119 Resp: 34062
Ion Ratio Lower Upper
119 100
91 95.5 31.9 95.5
134 0.0 13.8 41.4#



#84
1,2,4-Trimethylbenzene
Concen: 13.206 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076959.D
Acq: 13 Mar 2023 14:07

Tgt Ion:105 Resp: 280716
Ion Ratio Lower Upper
105 100
120 43.1 23.6 70.8

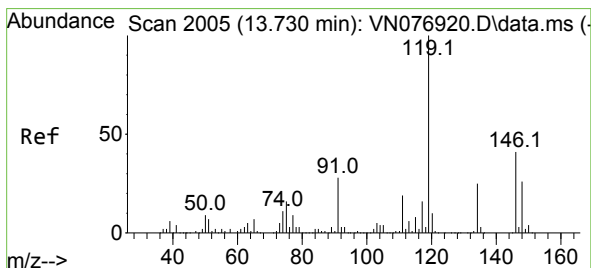
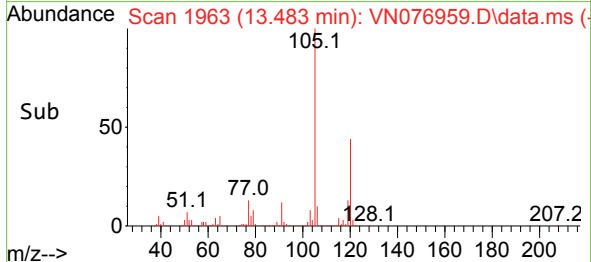
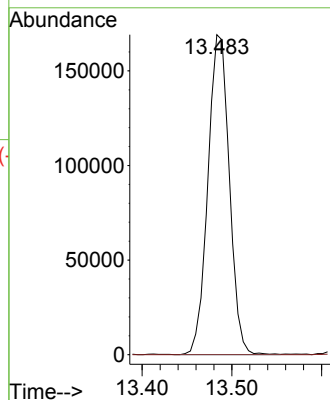
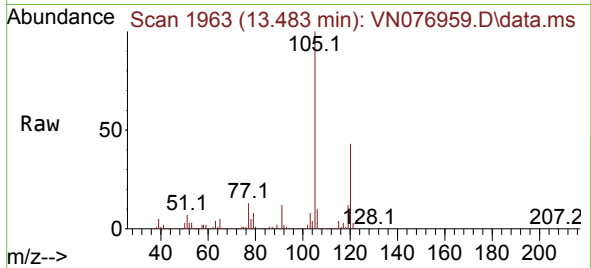




#85
 sec-Butylbenzene
 Concen: 11.345 ug/l
 RT: 13.483 min Scan# 1986
 Delta R.T. -0.136 min
 Lab File: VN076959.D
 Acq: 13 Mar 2023 14:07

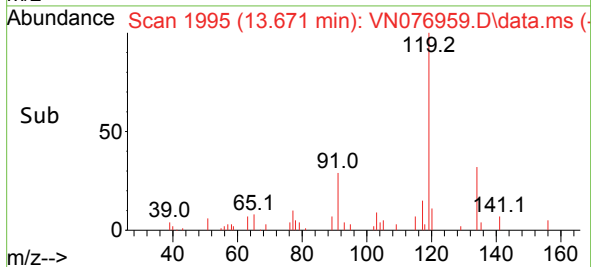
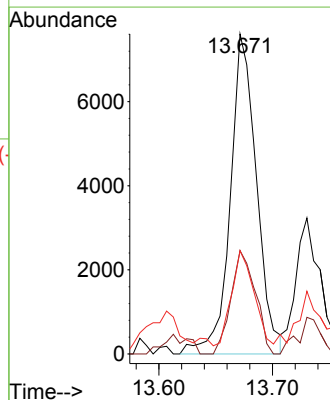
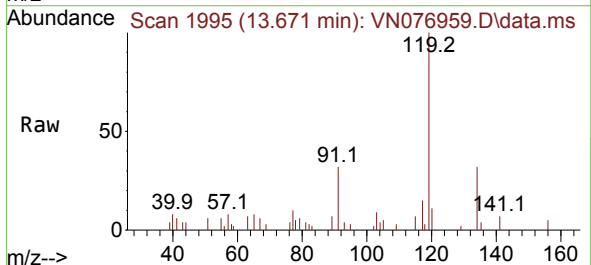
Instrument :
 MSVOA_N
 ClientSampleId :
 33952

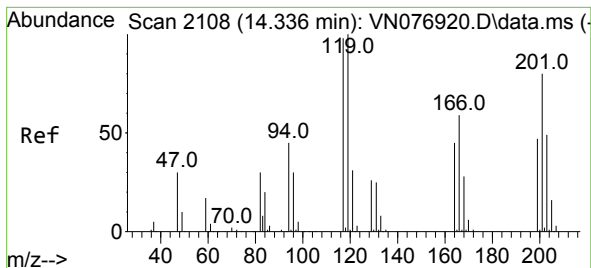
Tgt Ion:105 Resp: 280716
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#



#86
 p-Isopropyltoluene
 Concen: 0.613 ug/l
 RT: 13.671 min Scan# 1995
 Delta R.T. -0.059 min
 Lab File: VN076959.D
 Acq: 13 Mar 2023 14:07

Tgt Ion:119 Resp: 12241
 Ion Ratio Lower Upper
 119 100
 134 29.9 13.5 40.5
 91 25.0 11.2 33.6





#90

Hexachloroethane

Concen: 2.194 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN076959.D

Acq: 13 Mar 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

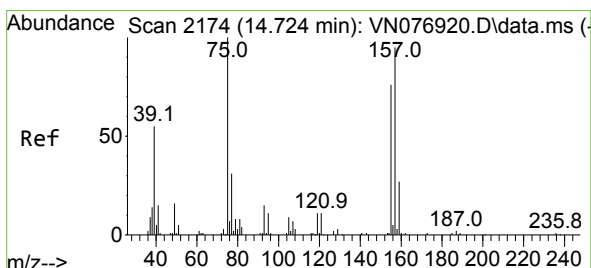
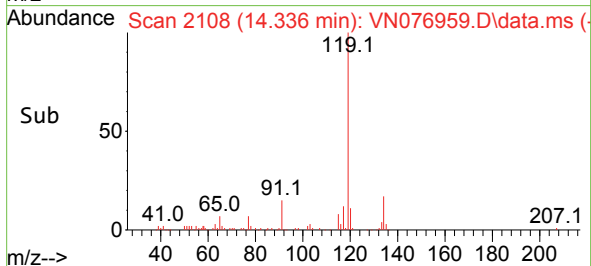
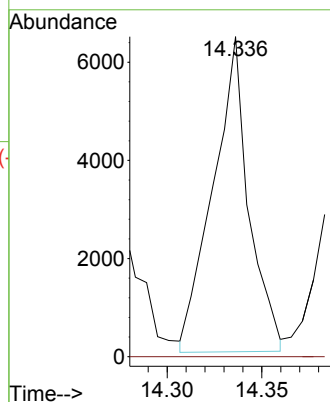
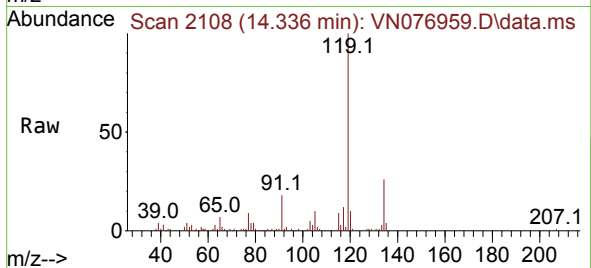
33952

Tgt Ion:117 Resp: 8425

Ion Ratio Lower Upper

117 100

201 0.0 31.9 95.7#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.660 ug/l

RT: 14.689 min Scan# 2168

Delta R.T. -0.035 min

Lab File: VN076959.D

Acq: 13 Mar 2023 14:07

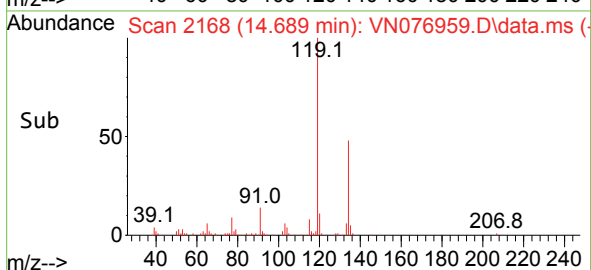
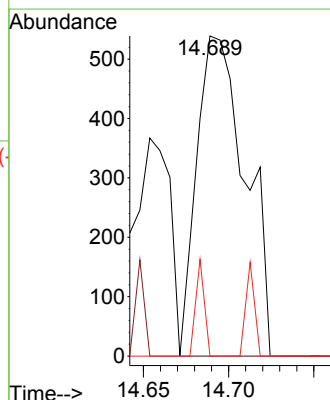
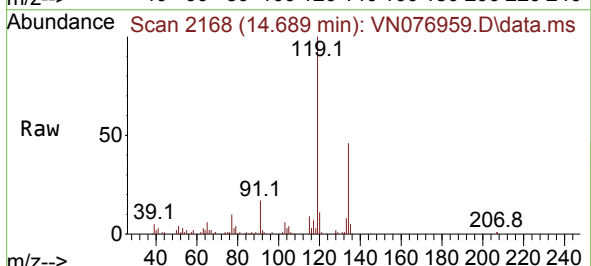
Tgt Ion: 75 Resp: 1070

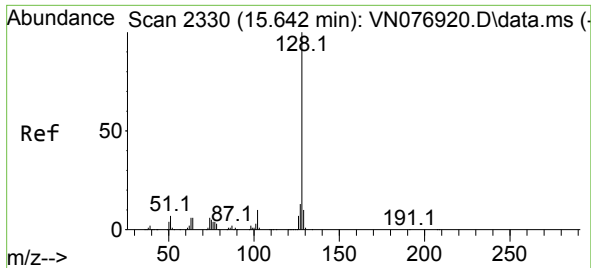
Ion Ratio Lower Upper

75 100

155 0.0 44.3 132.8#

157 5.4 58.3 174.8#





#95

Naphthalene

Concen: 3.496 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076959.D

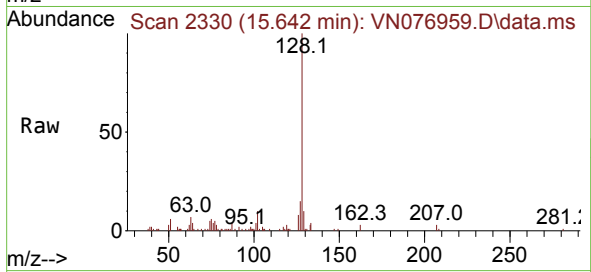
Acq: 13 Mar 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

33952



Tgt Ion:128 Resp: 59059

Ion Ratio Lower Upper

128 100

127 14.4 10.2 15.4

129 12.5 8.9 13.3

