

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042222\
 Data File : VN072167.D
 Acq On : 22 Apr 2022 19:24
 Operator : JC\MD
 Sample : N2522-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 23 03:23:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	606805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1015879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1092185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	471242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	310509	44.823	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.640%		
35) Dibromofluoromethane	8.022	113	289336	48.401	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.800%		
50) Toluene-d8	10.439	98	1293439	52.893	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.780%		
62) 4-Bromofluorobenzene	12.727	95	487486	61.638	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	123.280%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	1748	0.286	ug/l #	76
6) Chloroethane	2.993	64	1207	0.250	ug/l #	42
11) Tert butyl alcohol	5.375	59	5185	4.612	ug/l #	72
14) Allyl chloride	4.569	41	28261	3.476	ug/l #	65
16) Acetone	4.287	43	144745	48.892	ug/l	91
18) Methyl Acetate	4.851	43	6965	Below Cal		98
19) Methyl tert-butyl Ether	5.622	73	12721	0.684	ug/l	100
20) Methylene Chloride	5.098	84	2132	0.342	ug/l #	76
25) 2-Butanone	7.334	43	58916	13.804	ug/l	97
29) Tetrahydrofuran	7.645	42	3818	1.382	ug/l #	51
31) Cyclohexane	8.086	56	9842	1.045	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	38351	4.594	ug/l #	49
37) Ethyl Acetate	7.416	43	13423	1.469	ug/l #	91
38) Carbon Tetrachloride	8.075	117	53042	6.483	ug/l #	18
40) Benzene	8.457	78	161070	6.108	ug/l	100
41) Methacrylonitrile	7.645	41	17617	3.938	ug/l #	31
43) Isopropyl Acetate	8.639	43	56614	3.725	ug/l #	55
51) 4-Methyl-2-Pentanone	10.327	43	79735	9.125	ug/l	96
52) Toluene	10.504	92	547377	32.837	ug/l	99
53) t-1,3-Dichloropropene	10.504	75	5539	0.600	ug/l #	1
56) Ethyl methacrylate	10.686	69	107133	10.946	ug/l #	87
59) 2-Hexanone	11.086	43	2940	0.478	ug/l	94
67) Ethyl Benzene	11.839	91	17445	0.471	ug/l	97
68) m/p-Xylenes	11.945	106	129675	9.116	ug/l	98
69) o-Xylene	12.274	106	151252	10.713	ug/l	94
70) Styrene	12.274	104	8083	0.378	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	228926	20.970	ug/l #	1
79) 2-Chlorotoluene	12.974	91	18567	0.693	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.057	105	109395	3.477	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.727	75	228926	64.986	ug/l #	10
82) 4-Chlorotoluene	13.051	91	11224	0.452	ug/l #	40
83) tert-Butylbenzene	13.363	119	30104	1.047	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.363	105	232569	7.576	ug/l	99
85) sec-Butylbenzene	13.498	105	23284	0.625	ug/l	90
86) p-Isopropyltoluene	13.610	119	21209	0.713	ug/l	97
89) n-Butylbenzene	13.904	91	40955	1.858	ug/l #	1

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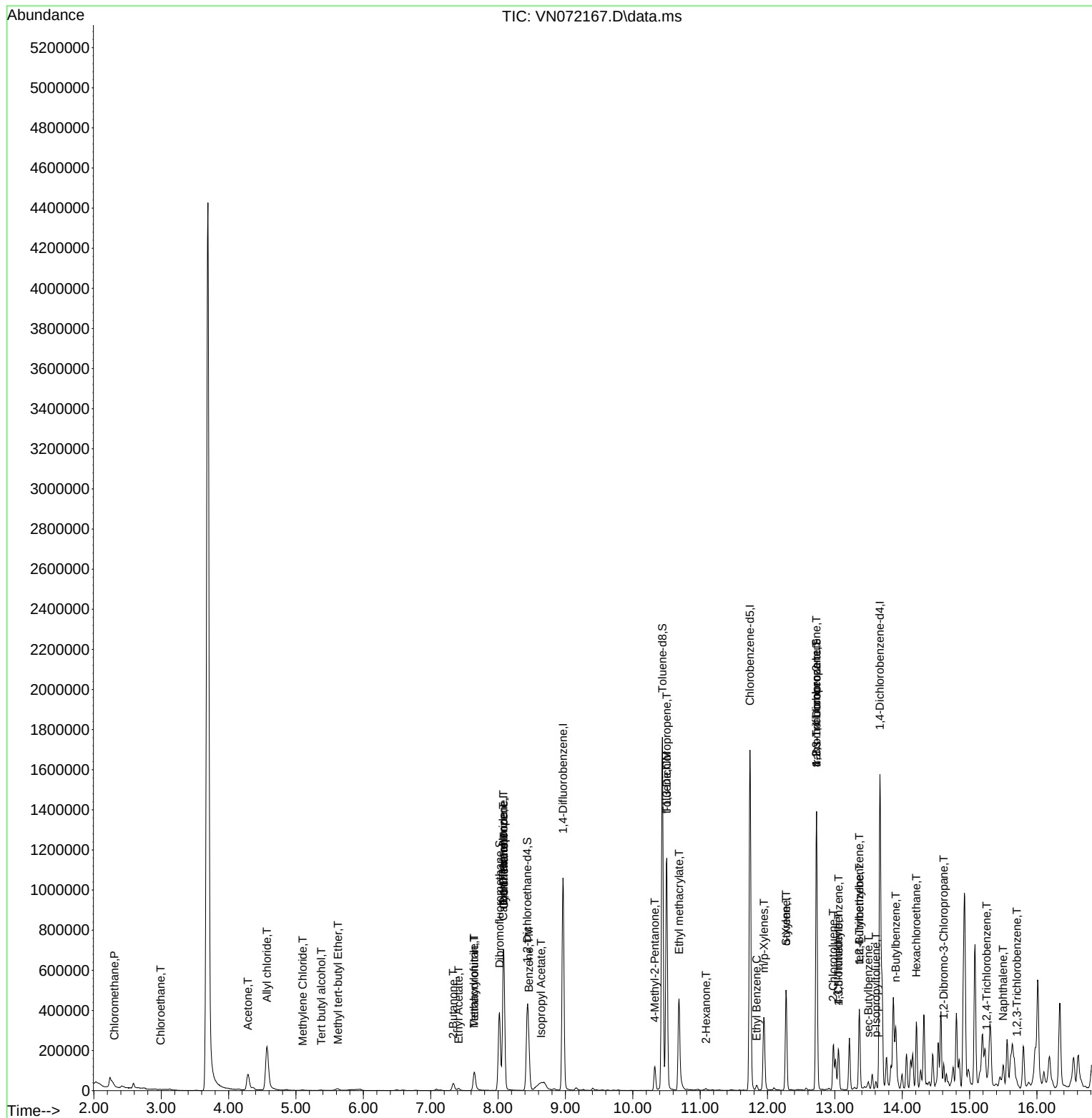
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.210	117	17136	3.149	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.615	75	928	0.452	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.251	180	156	2.106	ug/l #	1
95) Naphthalene	15.498	128	91743	7.753	ug/l	97
96) 1,2,3-Trichlorobenzene	15.704	180	78	2.424	ug/l #	1

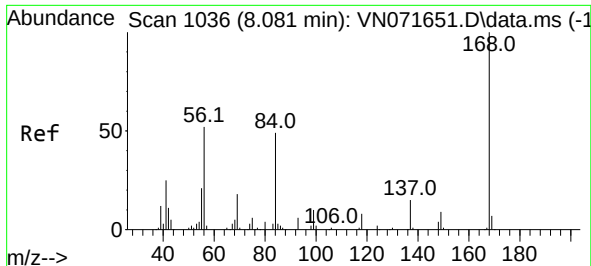
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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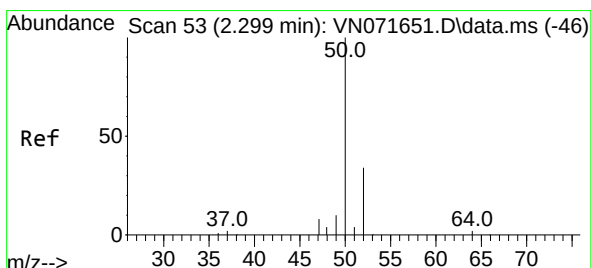
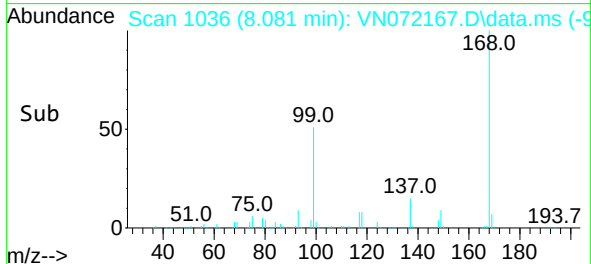
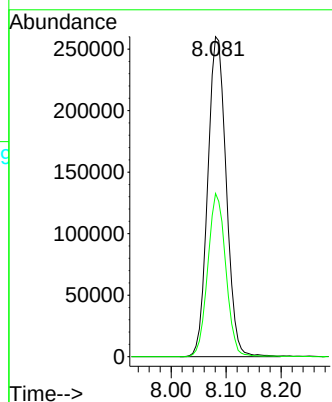
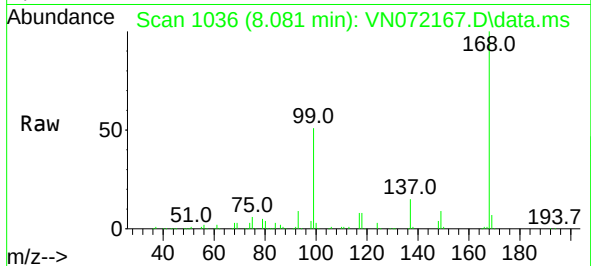




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

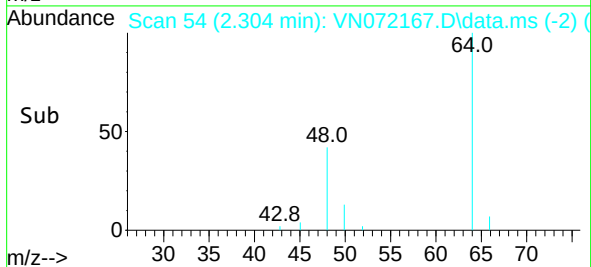
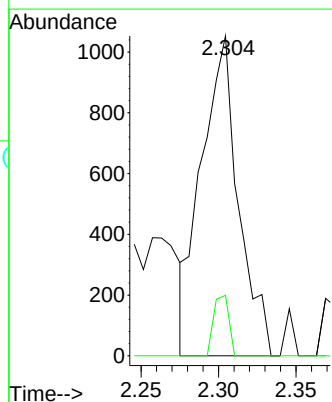
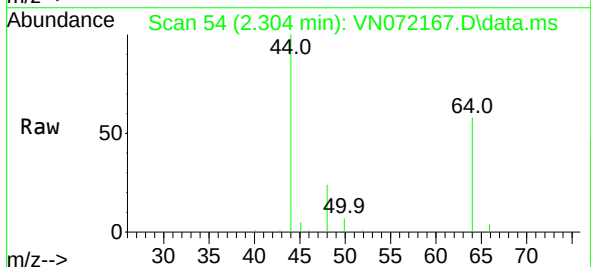
Instrument :
MSVOA_N
ClientSampleId :

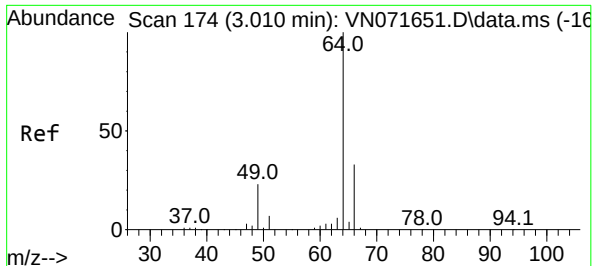
Tgt Ion:168 Resp: 606805
Ion Ratio Lower Upper
168 100
99 51.0 42.3 63.5



#3
Chloromethane
Concen: 0.286 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

Tgt Ion: 50 Resp: 1748
Ion Ratio Lower Upper
50 100
52 18.9 25.7 38.5#

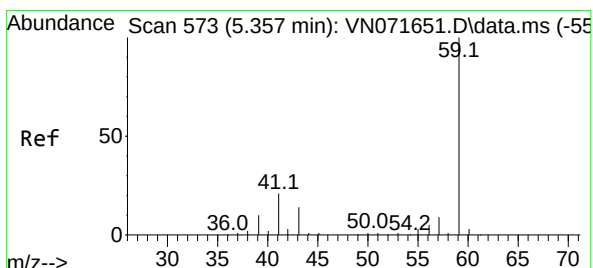
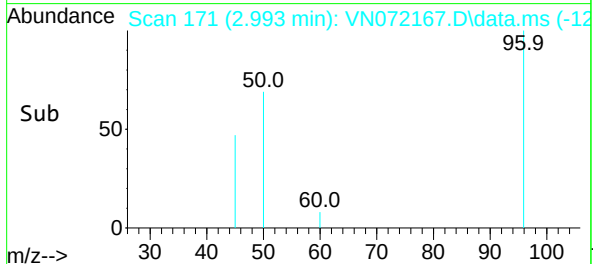
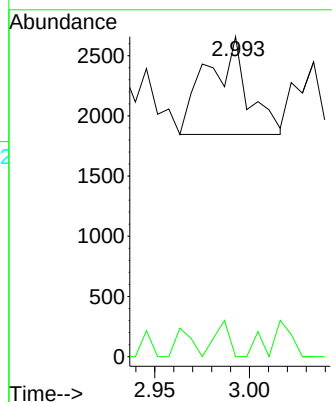
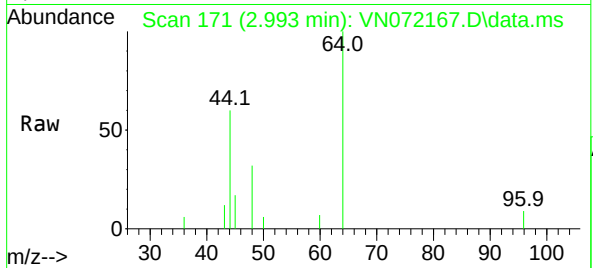




#6
Chloroethane
Concen: 0.250 ug/l
RT: 2.993 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

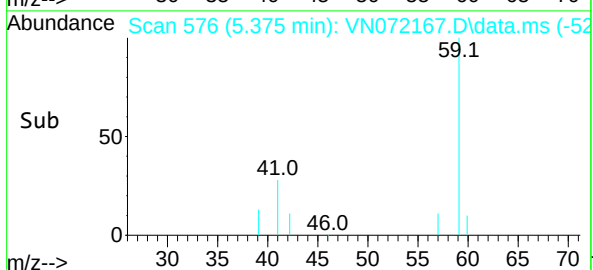
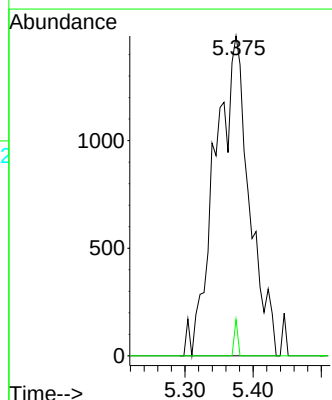
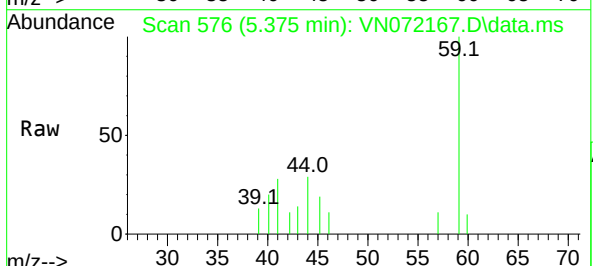
Instrument :
MSVOA_N
ClientSampleId :

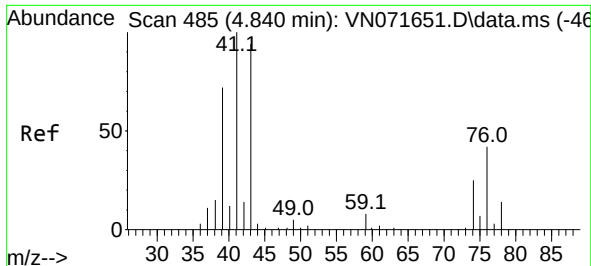
Tgt Ion: 64 Resp: 1207
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 4.612 ug/l
RT: 5.375 min Scan# 576
Delta R.T. 0.018 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

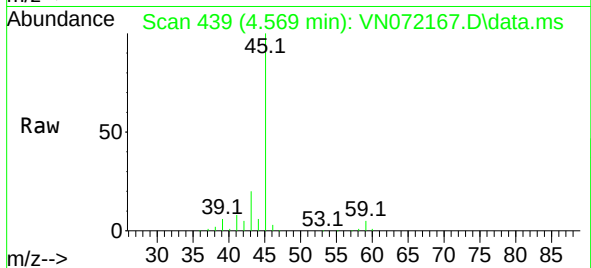
Tgt Ion: 59 Resp: 5185
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



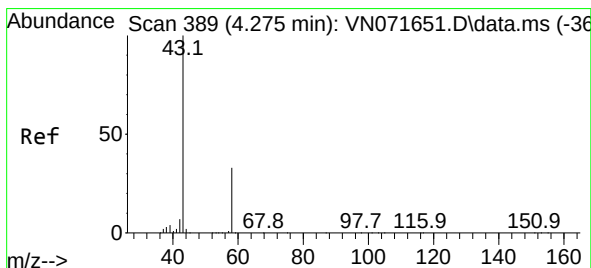
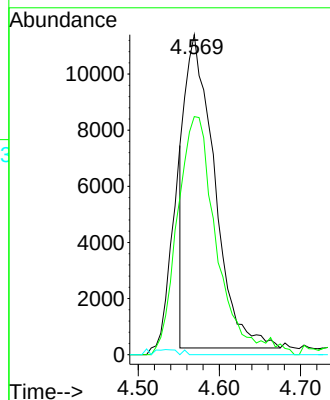
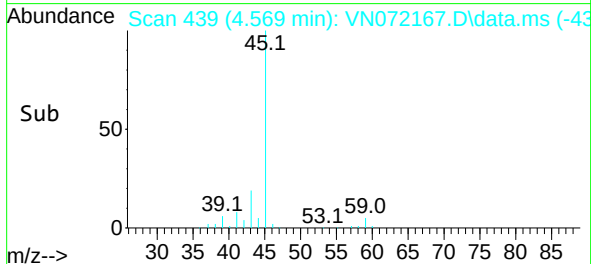


#14
 Allyl chloride
 Concen: 3.476 ug/l
 RT: 4.569 min Scan# 41
 Delta R.T. -0.271 min
 Lab File: VN072167.D
 Acq: 22 Apr 2022 19:24

Instrument :
 MSVOA_N
 ClientSampleId :

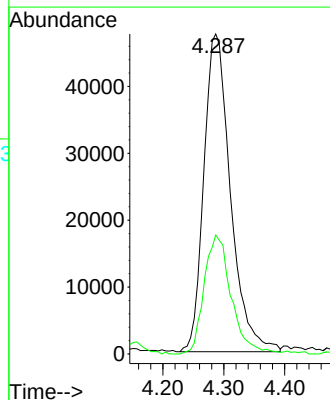
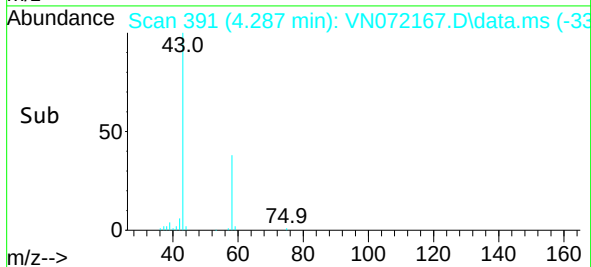
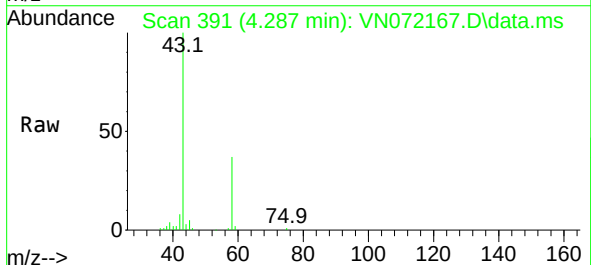


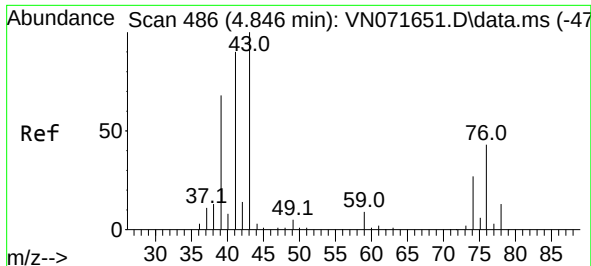
Tgt Ion: 41 Resp: 28261
 Ion Ratio Lower Upper
 41 100
 39 81.9 53.2 79.8#
 76 0.0 29.9 44.9#



#16
 Acetone
 Concen: 48.892 ug/l
 RT: 4.287 min Scan# 391
 Delta R.T. 0.012 min
 Lab File: VN072167.D
 Acq: 22 Apr 2022 19:24

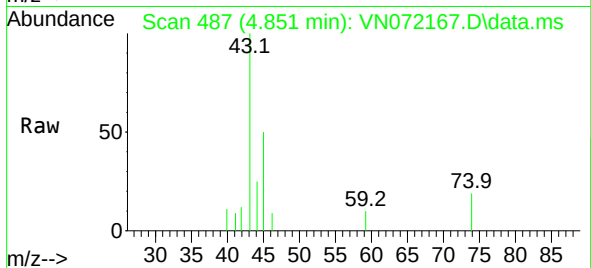
Tgt Ion: 43 Resp: 144745
 Ion Ratio Lower Upper
 43 100
 58 37.4 26.0 39.0



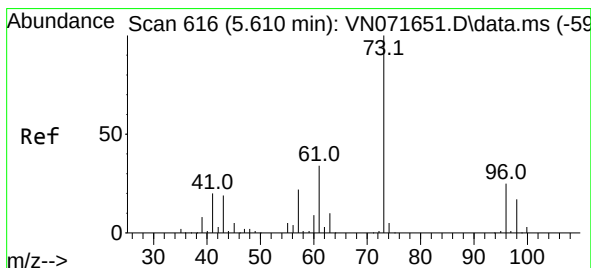
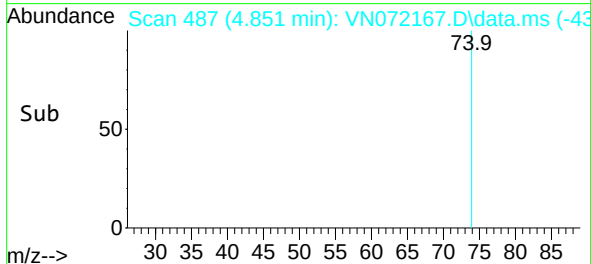
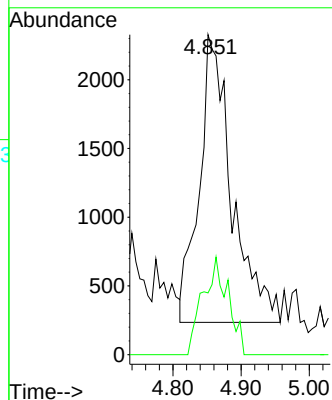


#18
Methyl Acetate
Concen: Below Cal
RT: 4.851 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

Instrument :
MSVOA_N
ClientSampleId :

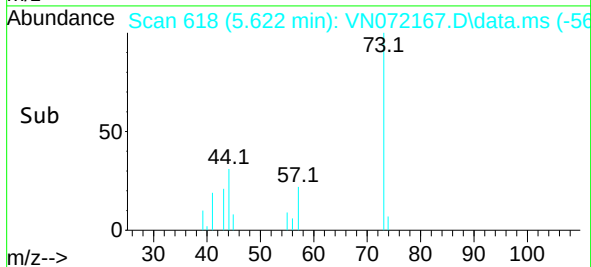
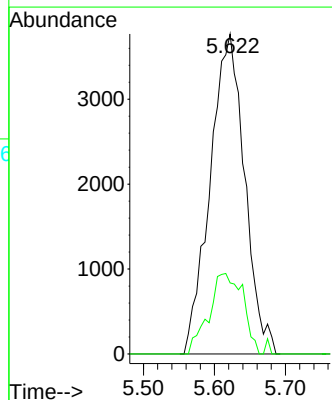
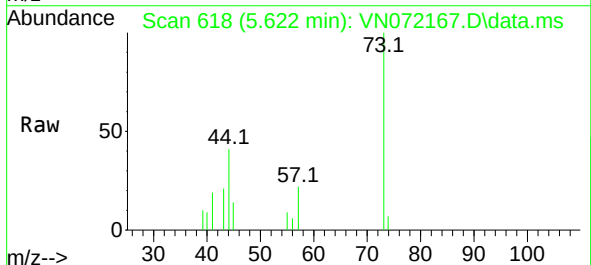


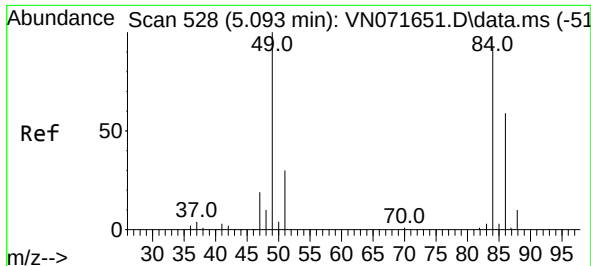
Tgt Ion: 43 Resp: 6965
Ion Ratio Lower Upper
43 100
74 26.2 21.6 32.4



#19
Methyl tert-butyl Ether
Concen: 0.684 ug/l
RT: 5.622 min Scan# 618
Delta R.T. 0.012 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

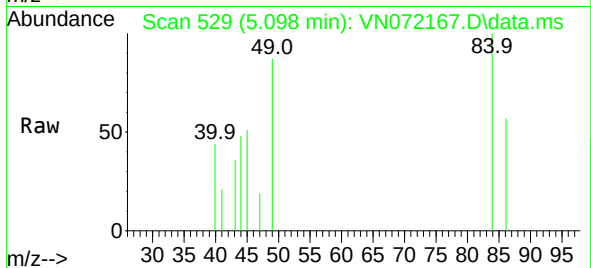
Tgt Ion: 73 Resp: 12721
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4



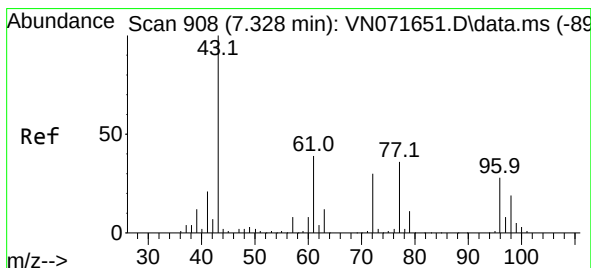
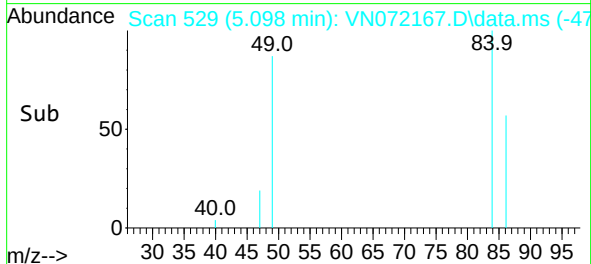
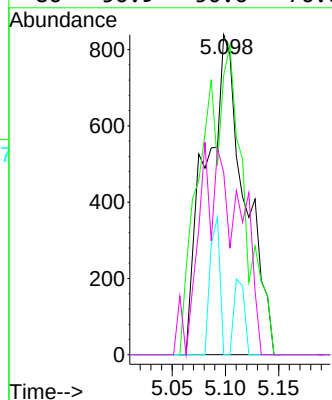


#20
Methylene Chloride
Concen: 0.342 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

Instrument :
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ClientSampleId :

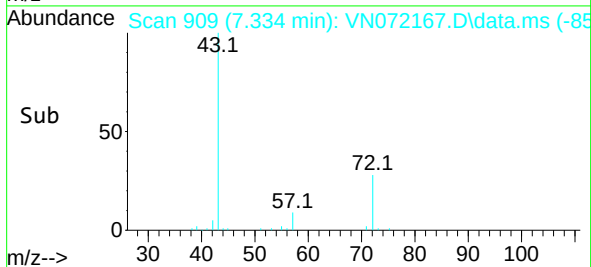
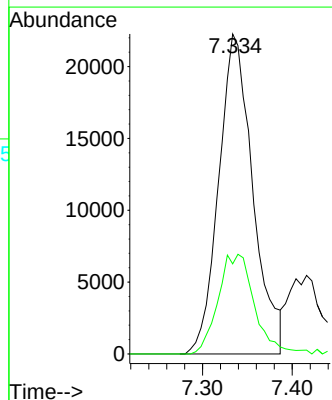
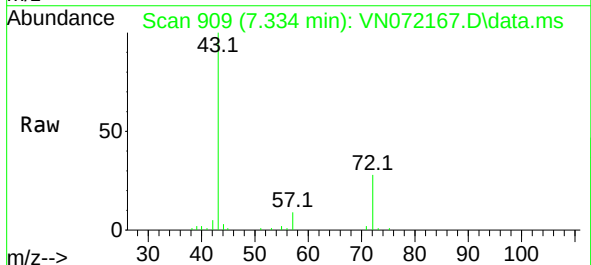


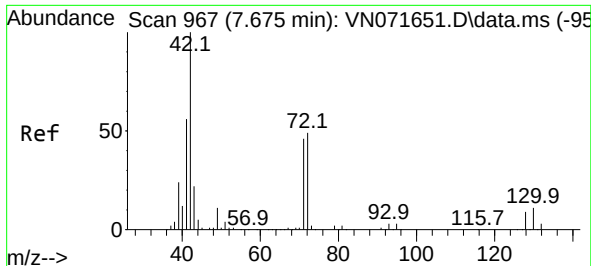
Tgt Ion:	84	Resp:	2132
Ion	Ratio	Lower	Upper
84	100		
49	87.4	88.3	132.5#
51	0.0	28.2	42.2#
86	56.9	50.6	76.0



#25
2-Butanone
Concen: 13.804 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
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Tgt Ion:	43	Resp:	58916
Ion	Ratio	Lower	Upper
43	100		
72	28.2	23.7	35.5





#29

Tetrahydrofuran

Concen: 1.382 ug/l

RT: 7.645 min Scan# 91

Delta R.T. -0.030 min

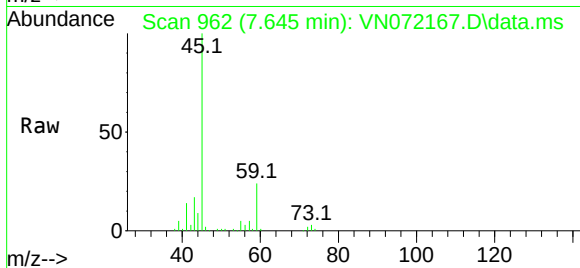
Lab File: VN072167.D

Acq: 22 Apr 2022 19:24

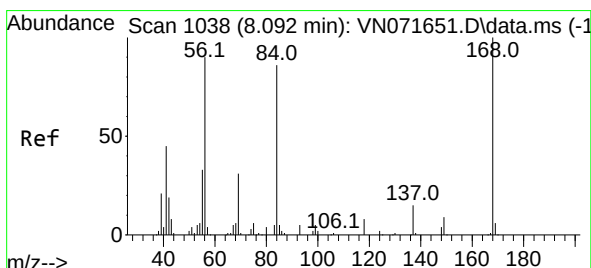
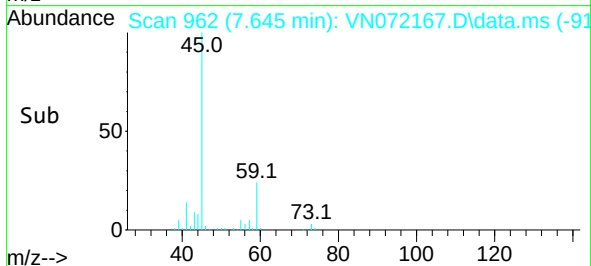
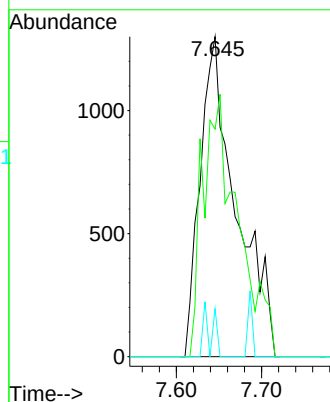
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	3818
Ion Ratio	100	Lower	Upper
72	74.1	39.7	59.5#
71	3.9	36.6	55.0#



#31

Cyclohexane

Concen: 1.045 ug/l

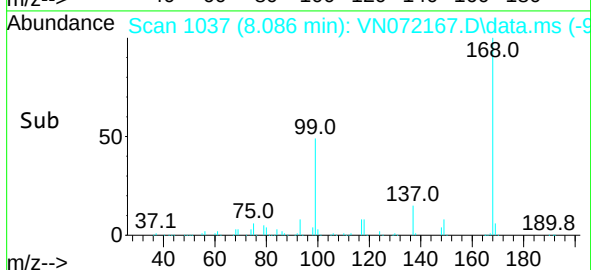
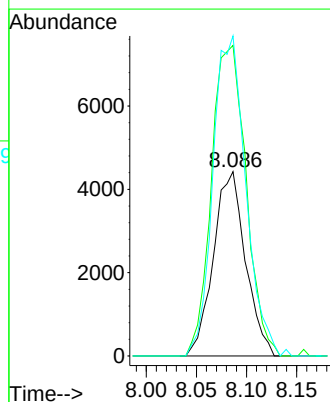
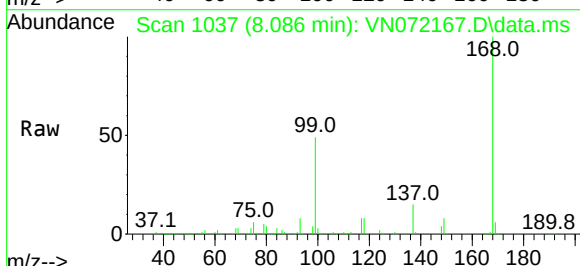
RT: 8.086 min Scan# 1037

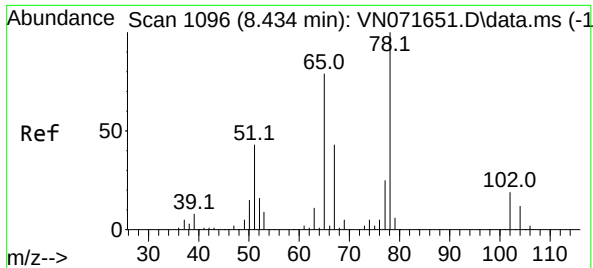
Delta R.T. -0.006 min

Lab File: VN072167.D

Acq: 22 Apr 2022 19:24

Tgt Ion:	56	Resp:	9842
Ion Ratio	100	Lower	Upper
69	168.5	27.8	41.8#
84	173.6	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 44.823 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.001 min

Lab File: VN072167.D

Acq: 22 Apr 2022 19:24

Instrument :

MSVOA_N

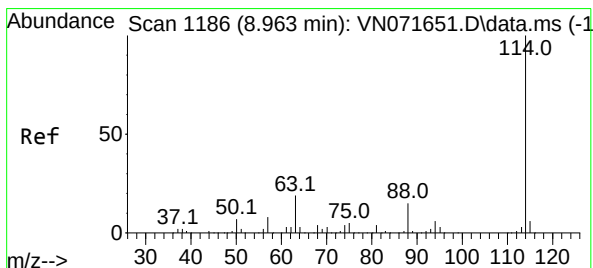
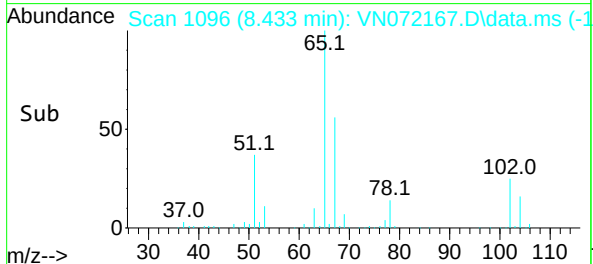
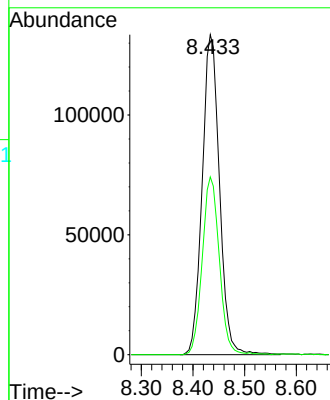
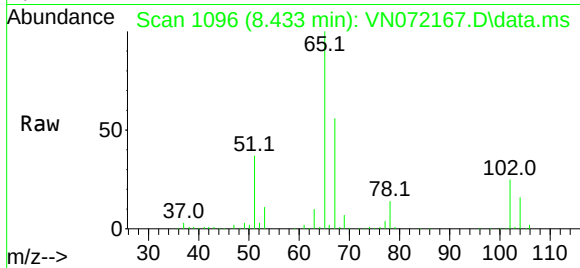
ClientSampleId :

Tgt Ion: 65 Resp: 310509

Ion Ratio Lower Upper

65 100

67 54.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072167.D

Acq: 22 Apr 2022 19:24

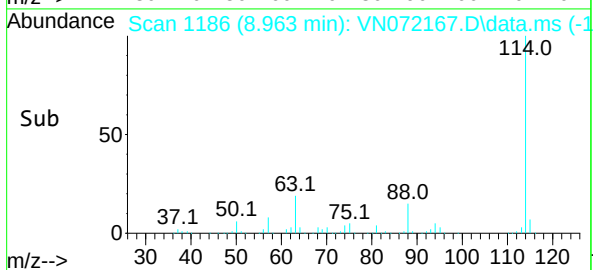
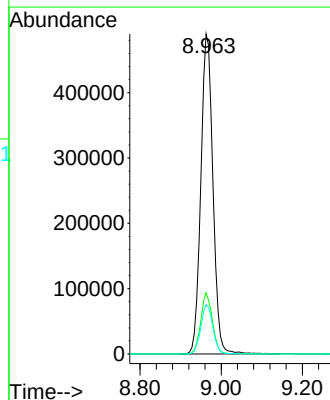
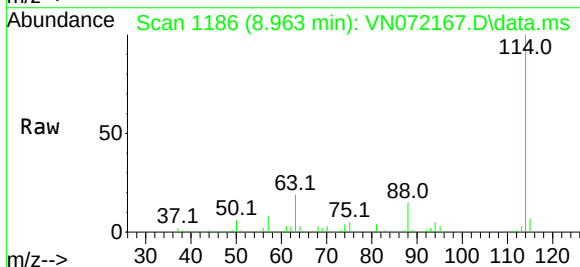
Tgt Ion: 114 Resp: 1015879

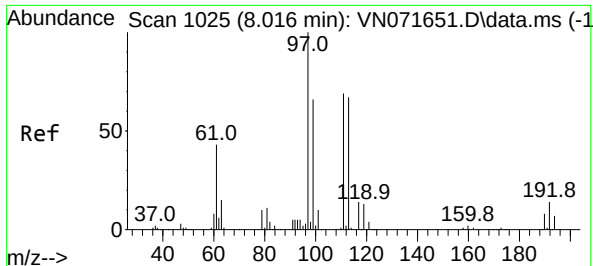
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

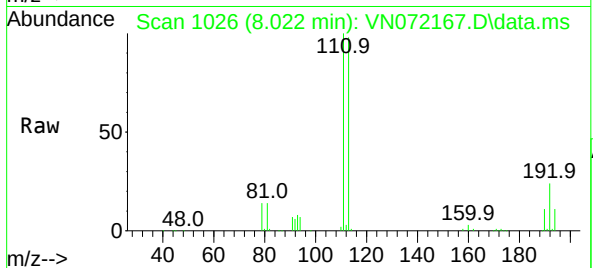
88 15.5 0.0 32.6



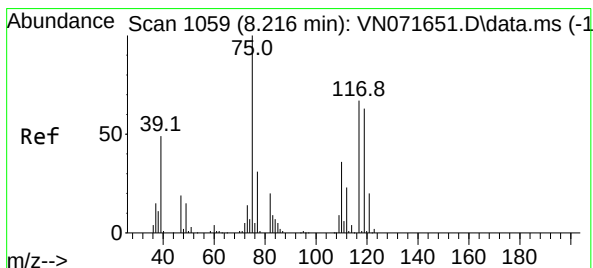
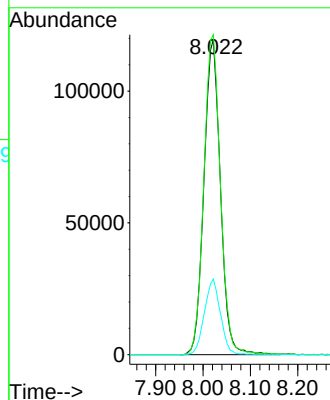
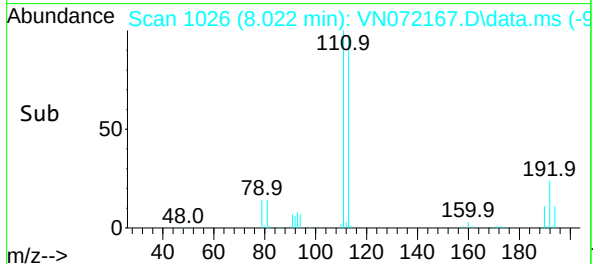


#35
Dibromofluoromethane
Concen: 48.401 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

Instrument :
MSVOA_N
ClientSampleId :

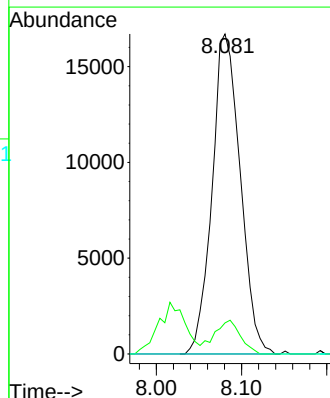
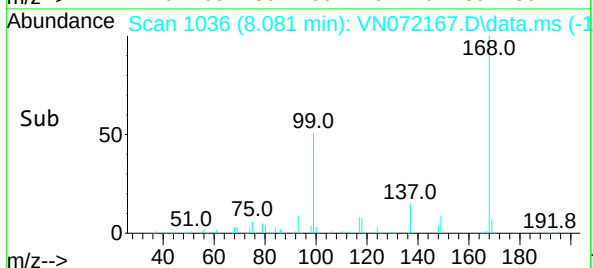
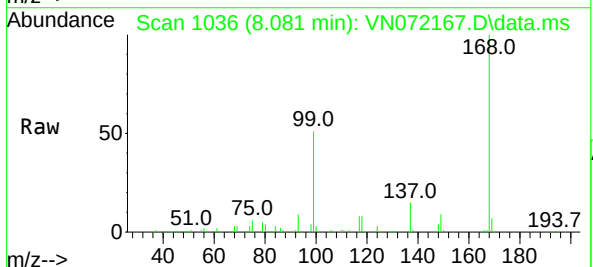


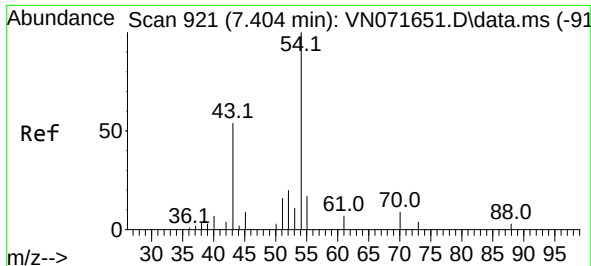
Tgt Ion:113 Resp: 289336
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 23.4 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.594 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

Tgt Ion: 75 Resp: 38351
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 25.1 37.7#

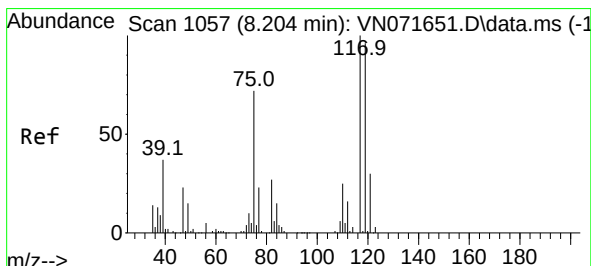
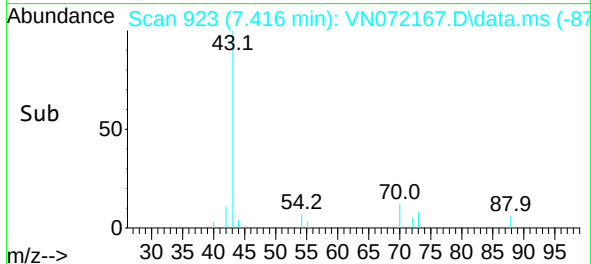
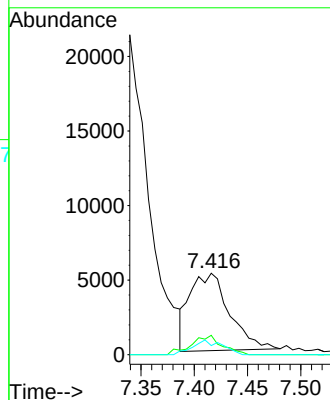
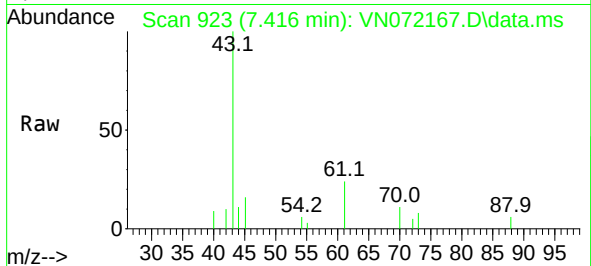




#37
Ethyl Acetate
Concen: 1.469 ug/l
RT: 7.416 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

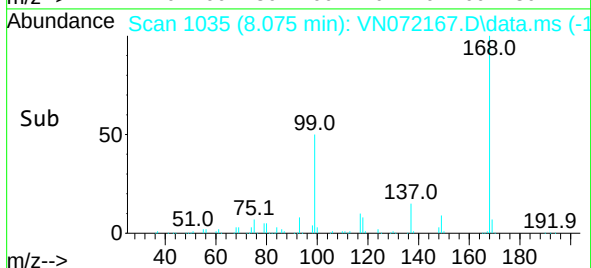
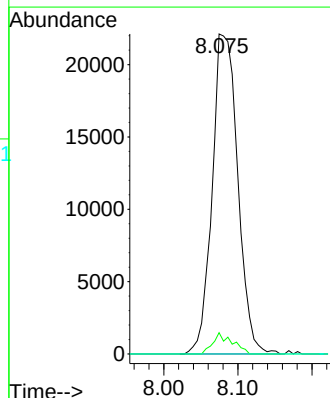
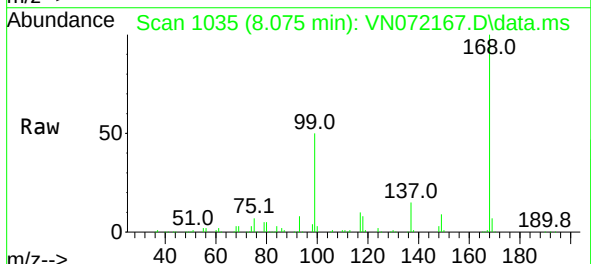
Instrument :
MSVOA_N
ClientSampleId :

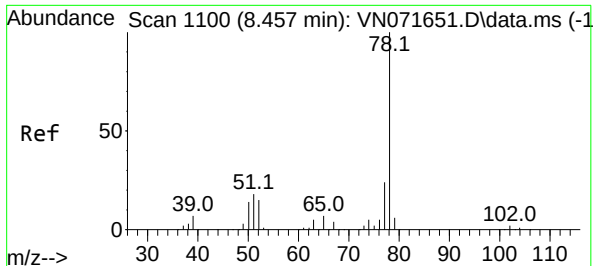
Tgt Ion: 43 Resp: 13423
Ion Ratio Lower Upper
43 100
61 19.3 11.8 17.6#
70 14.1 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.483 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.129 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

Tgt Ion: 117 Resp: 53042
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.8#
121 0.0 24.6 37.0#

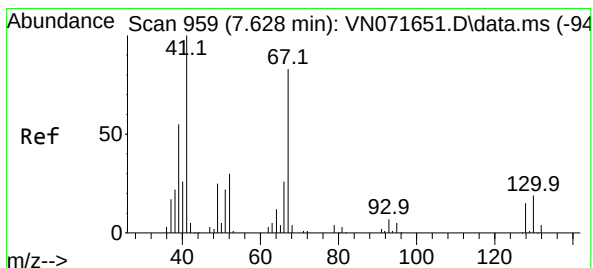
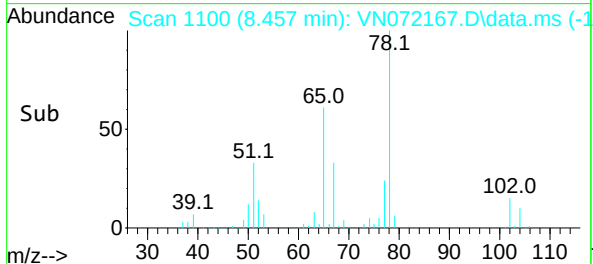
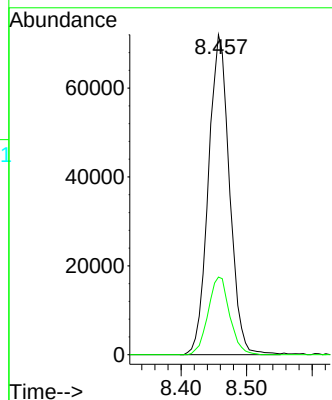
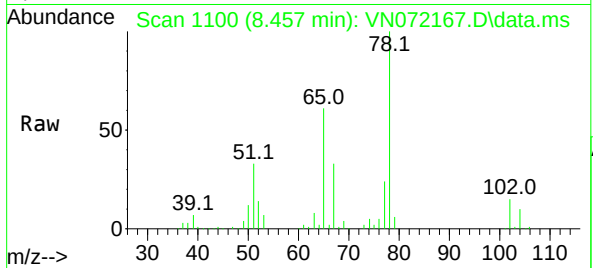




#40
Benzene
Concen: 6.108 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

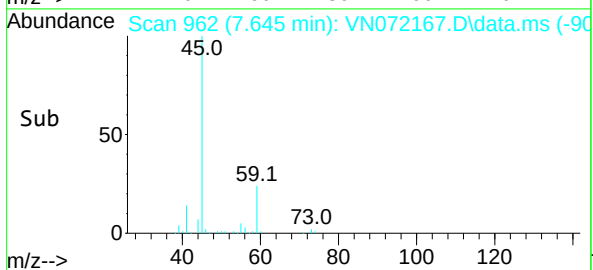
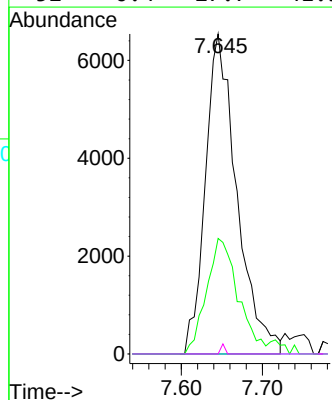
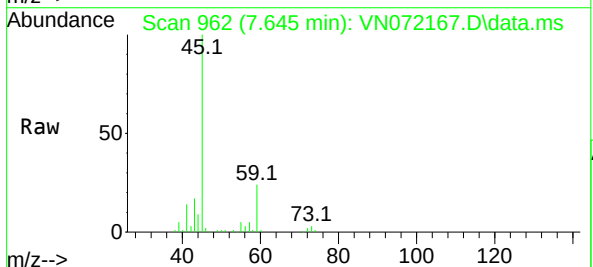
Instrument :
MSVOA_N
ClientSampleId :

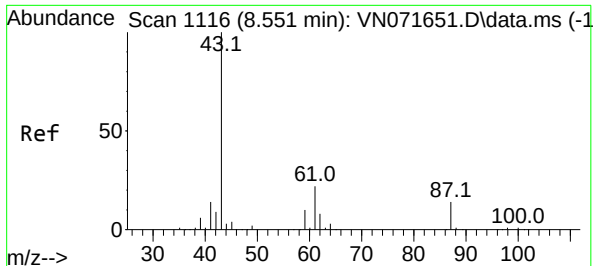
Tgt Ion: 78 Resp: 161070
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0



#41
Methacrylonitrile
Concen: 3.938 ug/l
RT: 7.645 min Scan# 962
Delta R.T. 0.017 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

Tgt Ion: 41 Resp: 17617
Ion Ratio Lower Upper
41 100
39 36.4 48.6 73.0#
67 0.0 73.4 110.2#
52 0.4 27.7 41.5#





#43

Isopropyl Acetate

Concen: 3.725 ug/l

RT: 8.639 min Scan# 1116

Delta R.T. 0.088 min

Lab File: VN072167.D

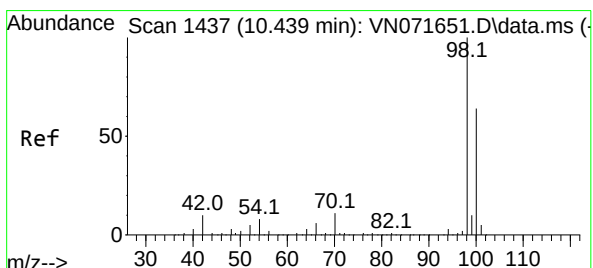
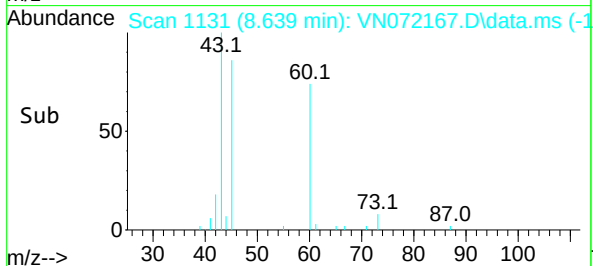
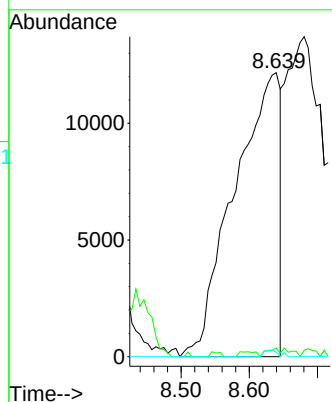
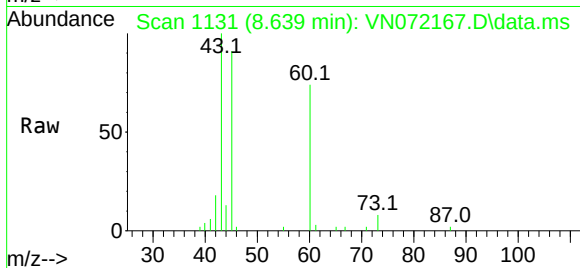
Acq: 22 Apr 2022 19:24

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp: 56614
Ion Ratio	Lower Upper
43	100
61	0.8 21.9 32.9#
87	0.7 12.0 18.0#



#50

Toluene-d8

Concen: 52.893 ug/l

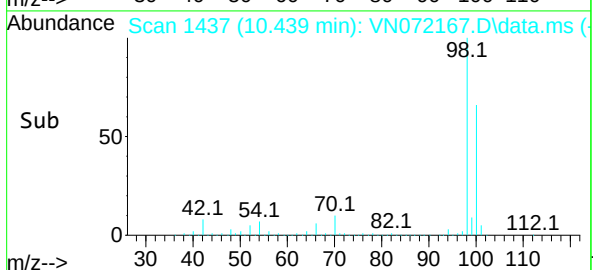
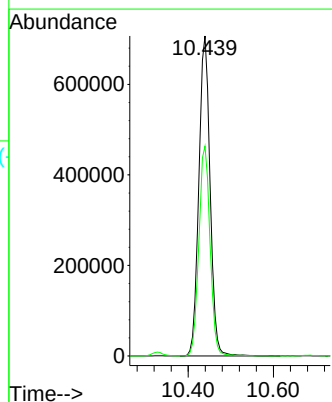
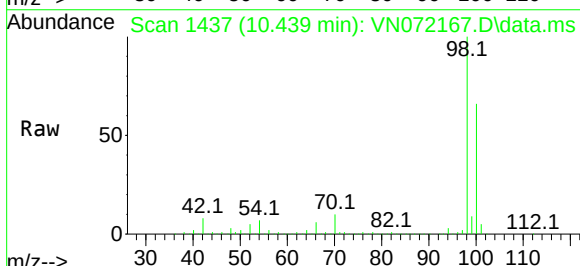
RT: 10.439 min Scan# 1437

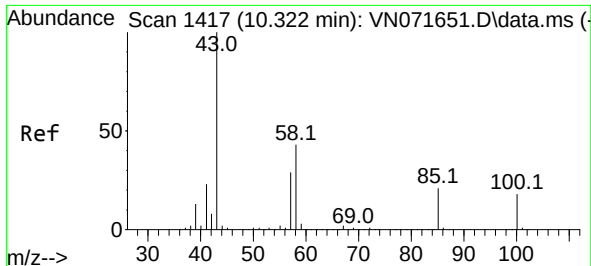
Delta R.T. 0.000 min

Lab File: VN072167.D

Acq: 22 Apr 2022 19:24

Tgt Ion: 98	Resp: 1293439
Ion Ratio	Lower Upper
98	100
100	65.6 52.6 78.8

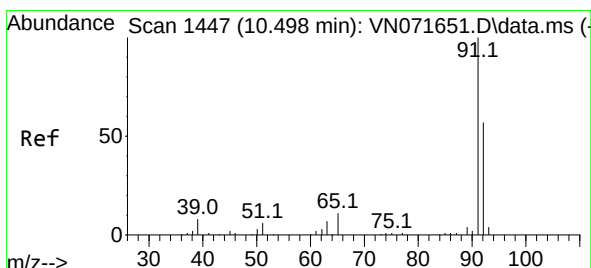
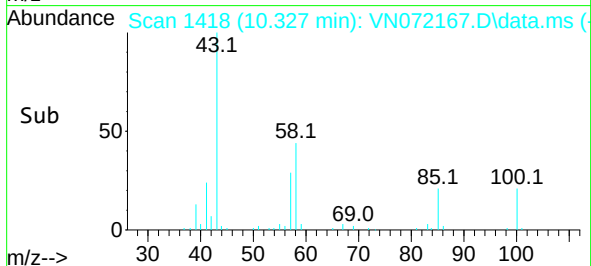
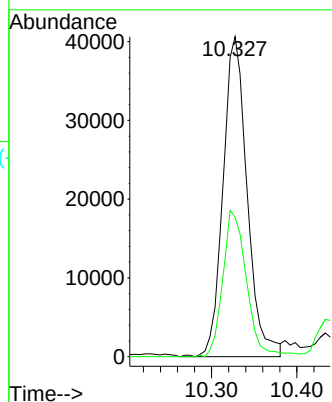
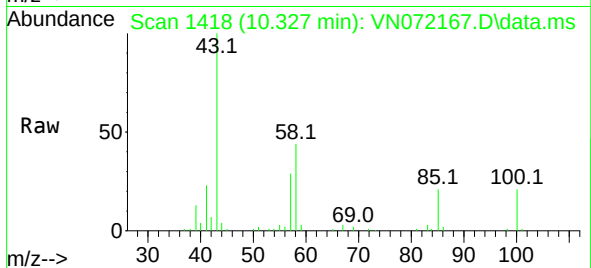




#51
4-Methyl-2-Pentanone
Concen: 9.125 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

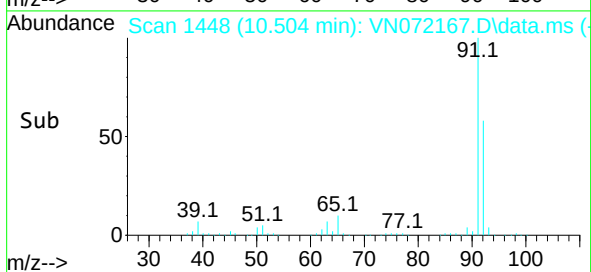
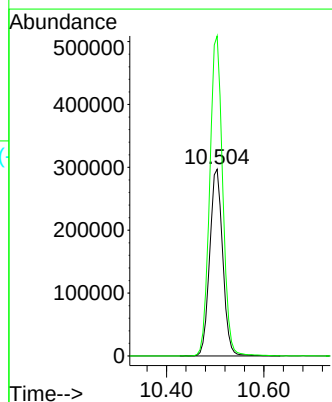
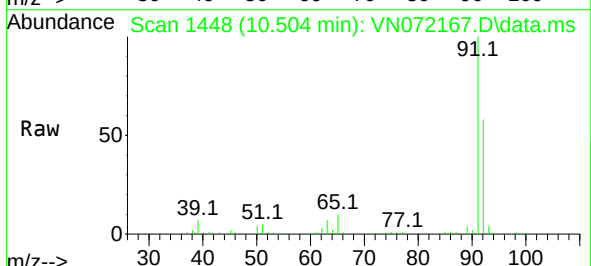
Instrument :
MSVOA_N
ClientSampleId :

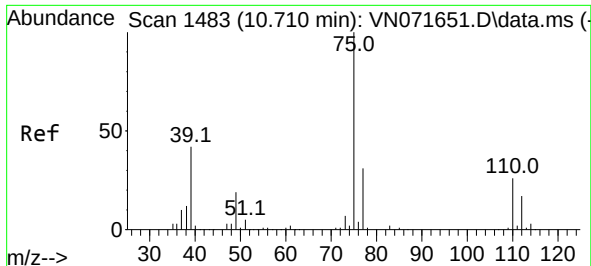
Tgt Ion: 43 Resp: 79735
Ion Ratio Lower Upper
43 100
58 44.9 34.1 51.1



#52
Toluene
Concen: 32.837 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

Tgt Ion: 92 Resp: 547377
Ion Ratio Lower Upper
92 100
91 171.5 138.6 207.8

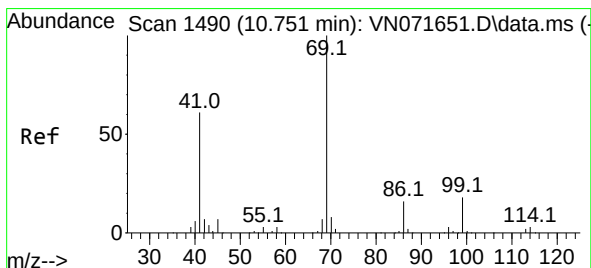
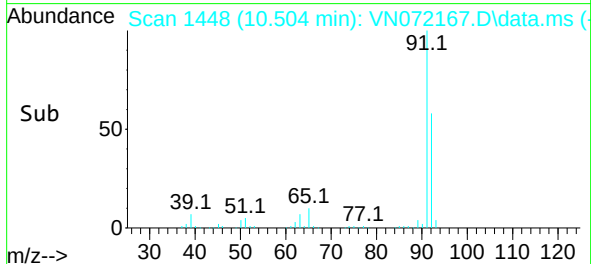
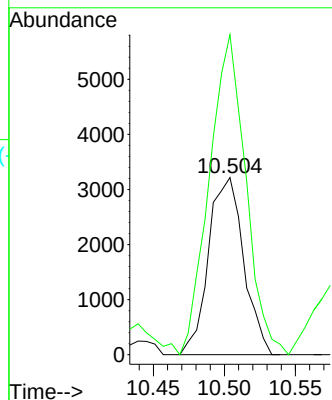
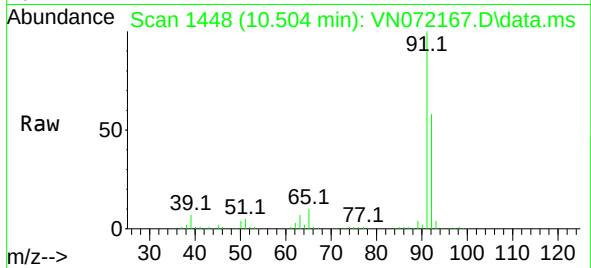




#53
t-1,3-Dichloropropene
Concen: 0.600 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.206 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

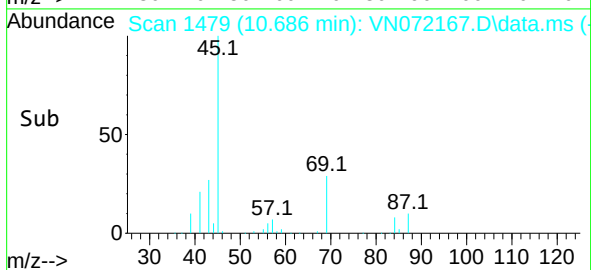
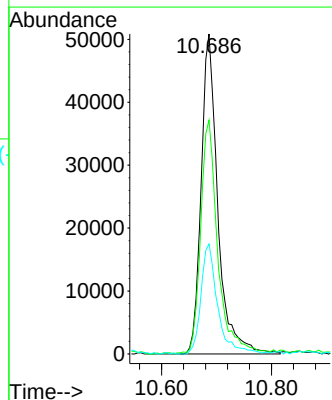
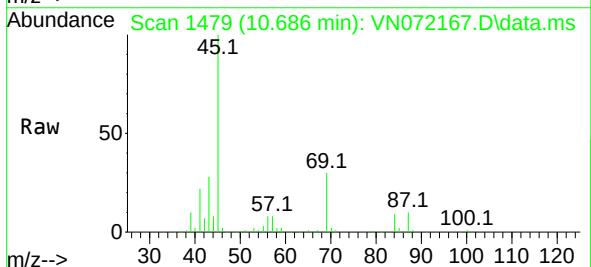
Instrument :
MSVOA_N
ClientSampleId :

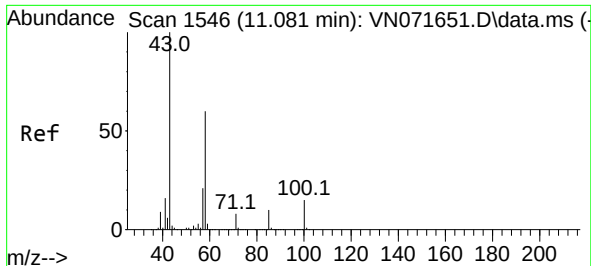
Tgt Ion: 75 Resp: 5539
Ion Ratio Lower Upper
75 100
77 180.7 25.6 38.4#



#56
Ethyl methacrylate
Concen: 10.946 ug/l
RT: 10.686 min Scan# 1479
Delta R.T. -0.065 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

Tgt Ion: 69 Resp: 107133
Ion Ratio Lower Upper
69 100
41 75.3 47.8 71.6#
39 34.4 27.3 40.9





#59

2-Hexanone

Concen: 0.478 ug/l

RT: 11.086 min Scan# 1546

Delta R.T. 0.005 min

Lab File: VN072167.D

Acq: 22 Apr 2022 19:24

Instrument :

MSVOA_N

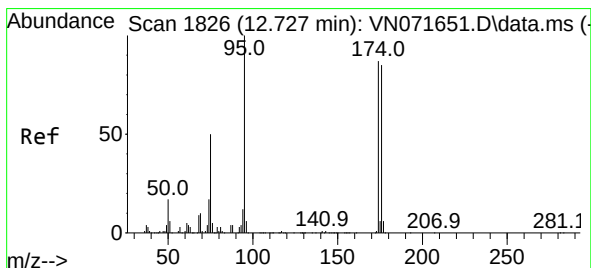
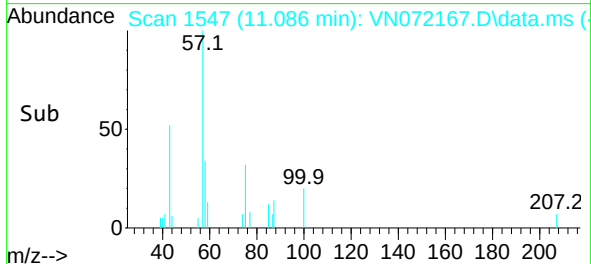
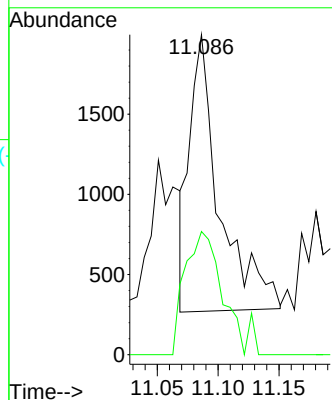
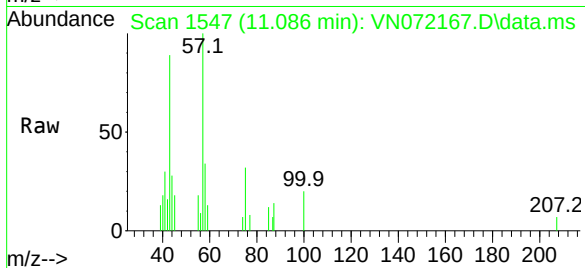
ClientSampleId :

Tgt Ion: 43 Resp: 2940

Ion Ratio Lower Upper

43 100

58 54.7 29.7 89.1



#62

4-Bromofluorobenzene

Concen: 61.638 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN072167.D

Acq: 22 Apr 2022 19:24

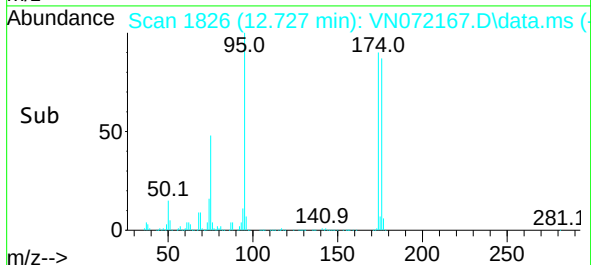
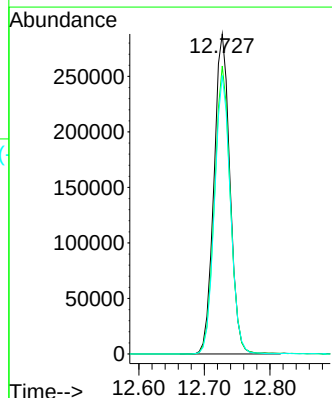
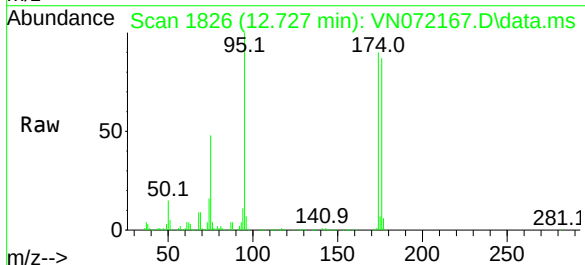
Tgt Ion: 95 Resp: 487486

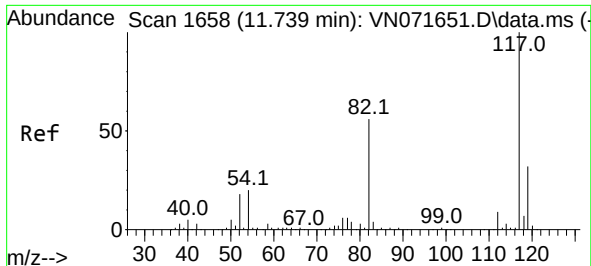
Ion Ratio Lower Upper

95 100

174 88.8 0.0 167.6

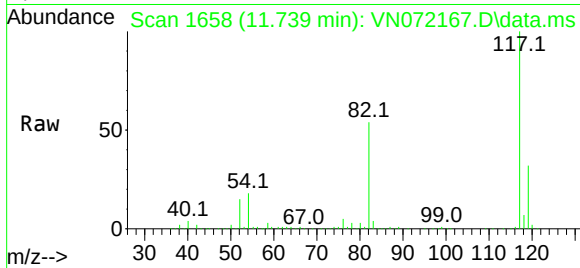
176 85.9 0.0 163.4



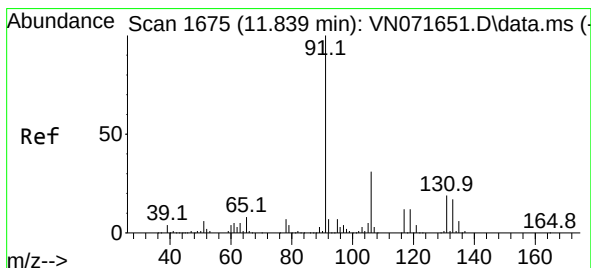
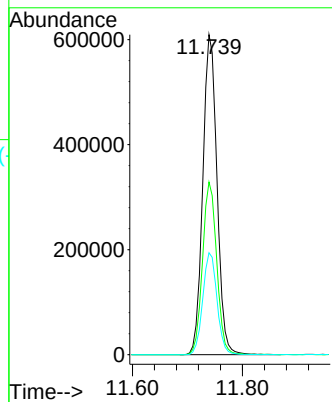
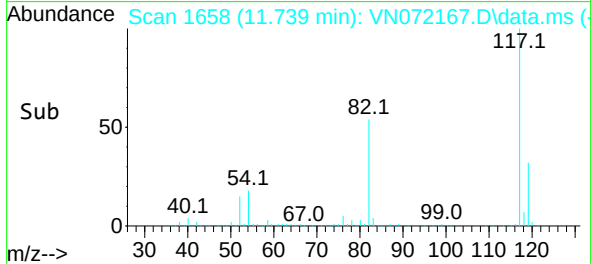


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

Instrument :
MSVOA_N
ClientSampleId :

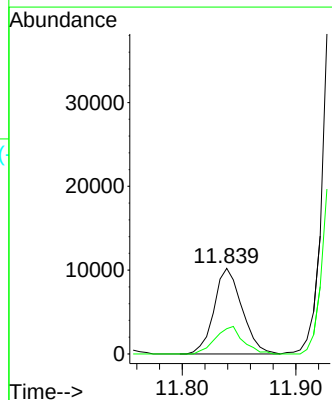
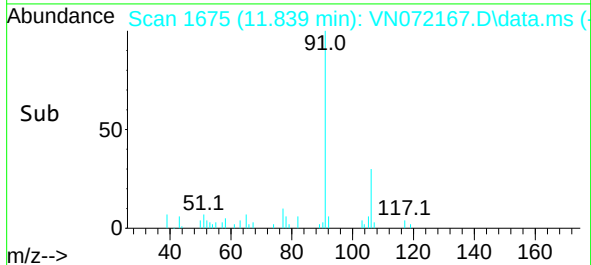
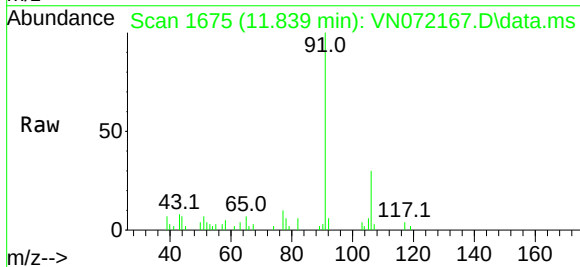


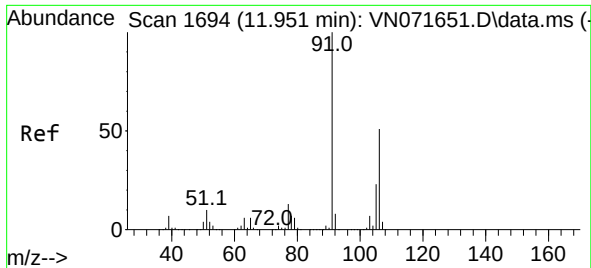
Tgt Ion:117 Resp: 1092185
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 31.9 25.4 38.0



#67
Ethyl Benzene
Concen: 0.471 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

Tgt Ion: 91 Resp: 17445
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3

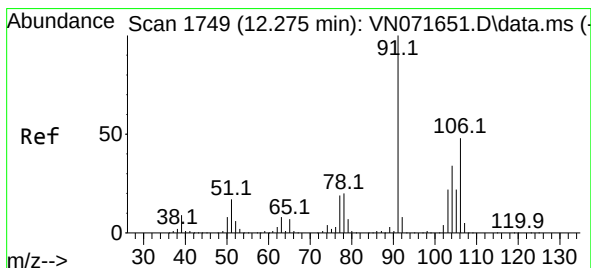
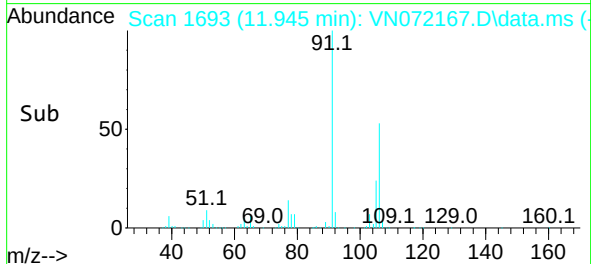
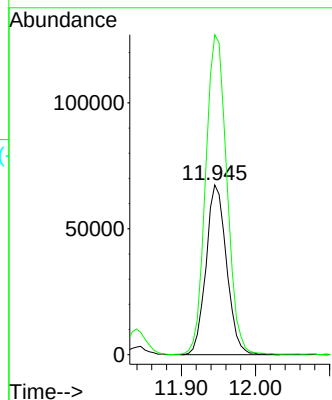
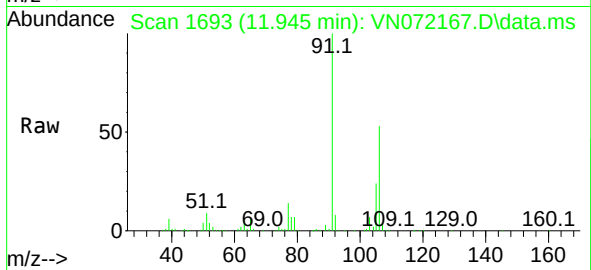




#68
m/p-Xylenes
Concen: 9.116 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

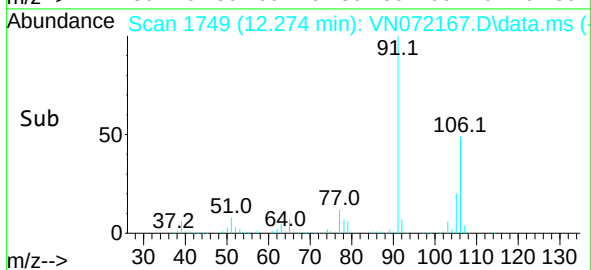
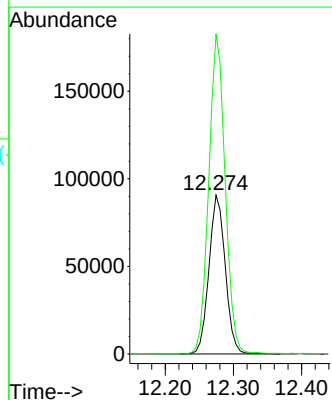
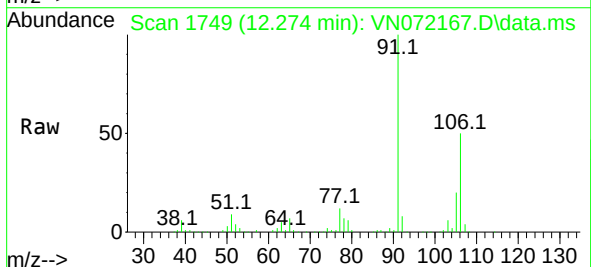
Instrument :
MSVOA_N
ClientSampleId :

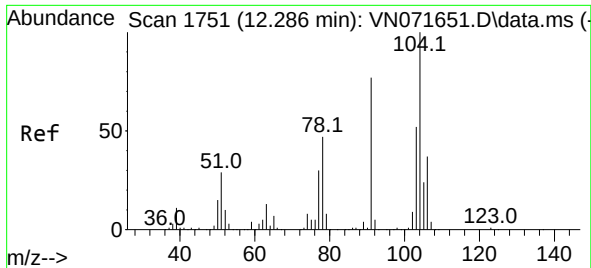
Tgt Ion:106 Resp: 129675
Ion Ratio Lower Upper
106 100
91 195.4 158.9 238.3



#69
o-Xylene
Concen: 10.713 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

Tgt Ion:106 Resp: 151252
Ion Ratio Lower Upper
106 100
91 202.5 106.0 318.0

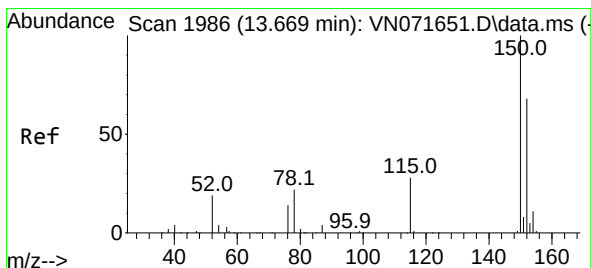
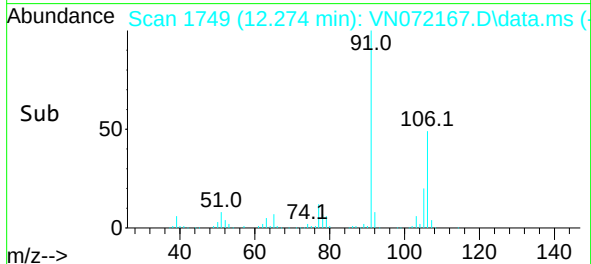
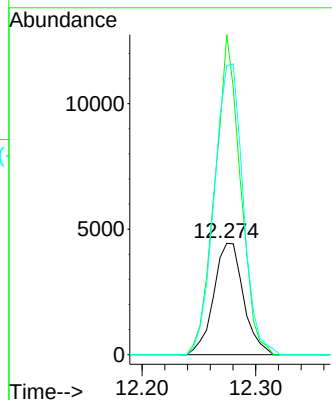
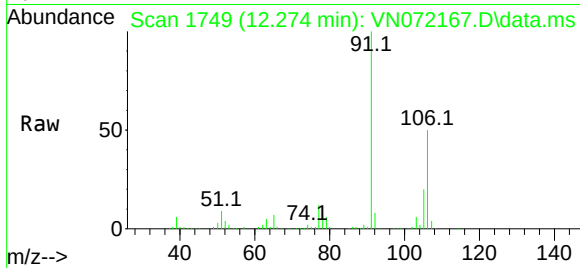




#70
Styrene
Concen: 0.378 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

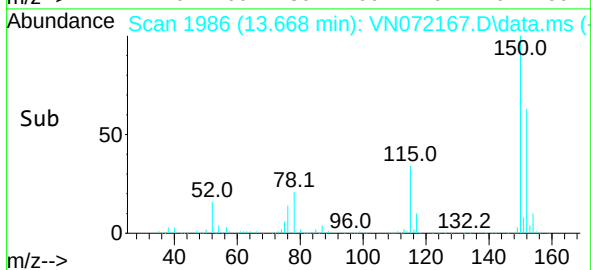
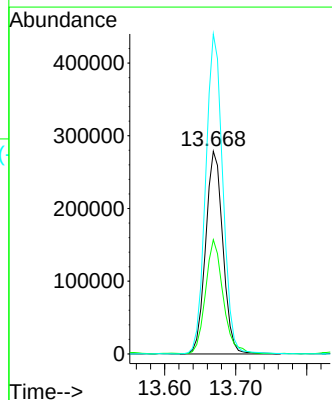
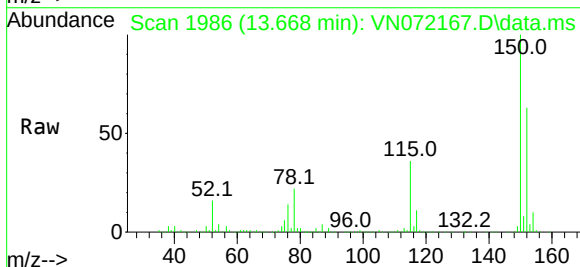
Instrument :
MSVOA_N
ClientSampleId :

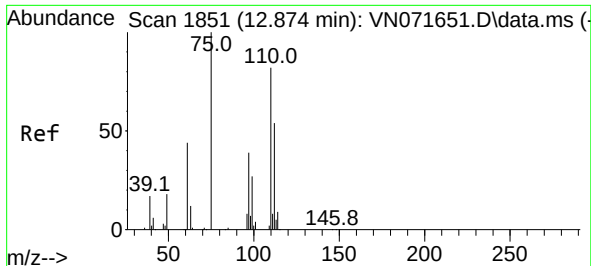
Tgt Ion:104 Resp: 8083
Ion Ratio Lower Upper
104 100
78 247.2 39.5 59.3#
103 253.0 44.0 66.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

Tgt Ion:152 Resp: 471242
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.7
150 156.8 0.0 356.2

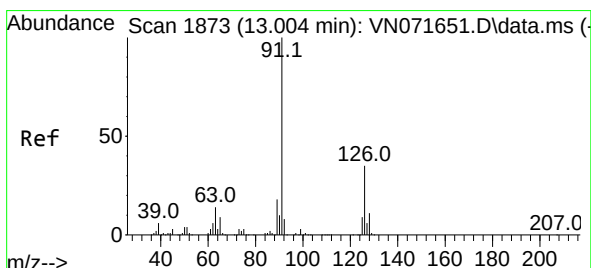
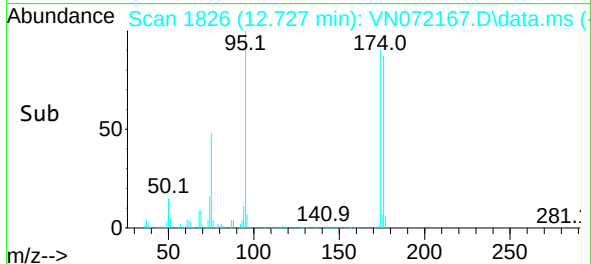
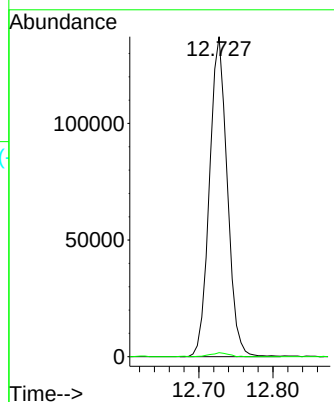
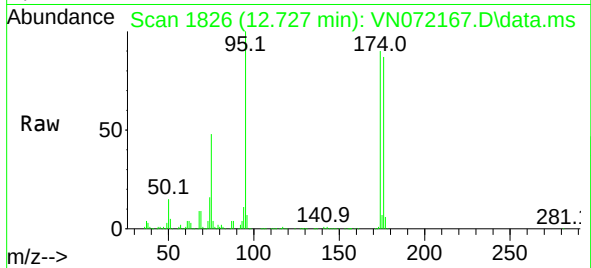




#76
1,2,3-Trichloropropane
Concen: 20.970 ug/l
RT: 12.727 min Scan# 1851
Delta R.T. -0.147 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

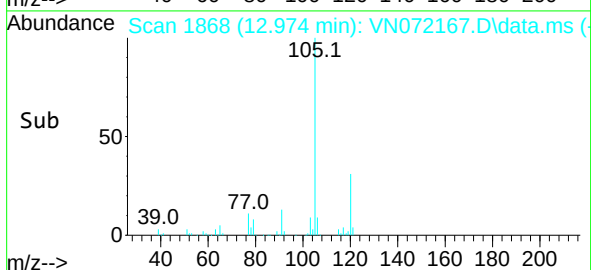
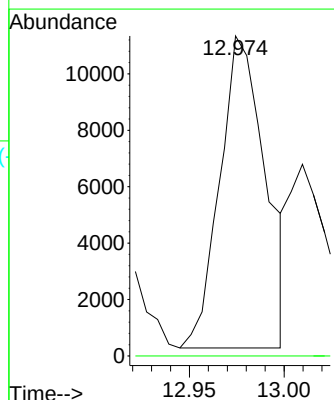
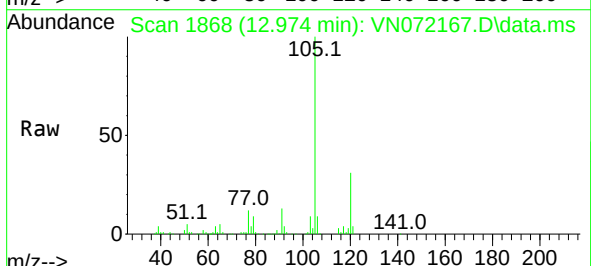
Instrument :
MSVOA_N
ClientSampleId :

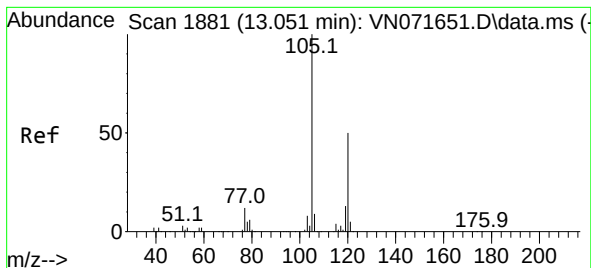
Tgt Ion: 75 Resp: 228926
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#79
2-Chlorotoluene
Concen: 0.693 ug/l
RT: 12.974 min Scan# 1868
Delta R.T. -0.030 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

Tgt Ion: 91 Resp: 18567
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 3.477 ug/l

RT: 13.057 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN072167.D

Acq: 22 Apr 2022 19:24

Instrument :

MSVOA_N

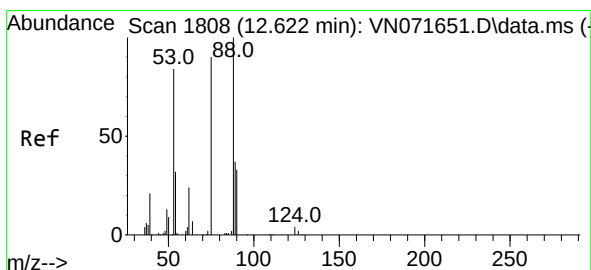
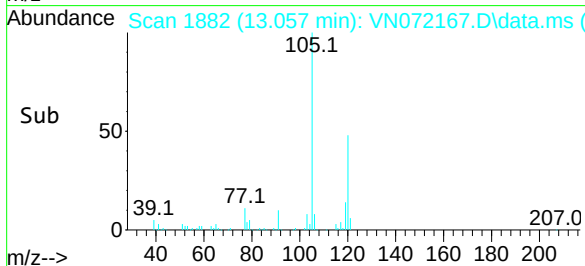
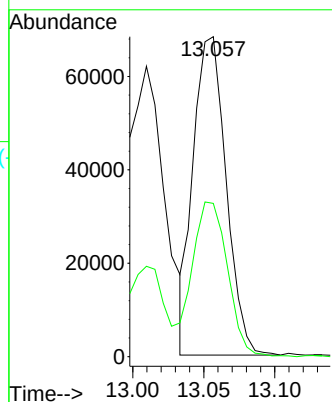
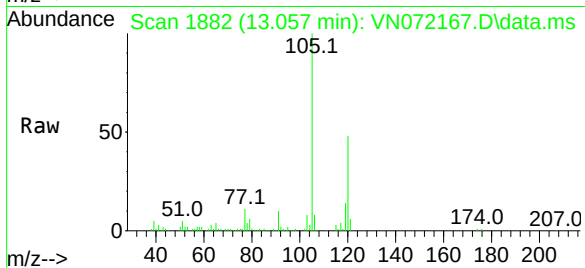
ClientSampleId :

Tgt Ion:105 Resp: 109395

Ion Ratio Lower Upper

105 100

120 53.3 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 64.986 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.105 min

Lab File: VN072167.D

Acq: 22 Apr 2022 19:24

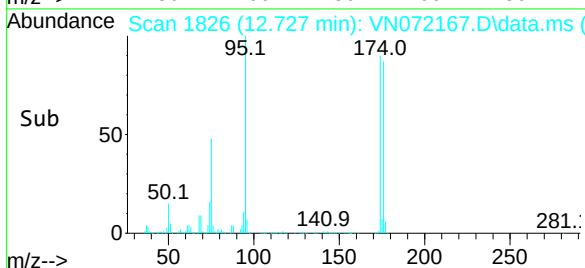
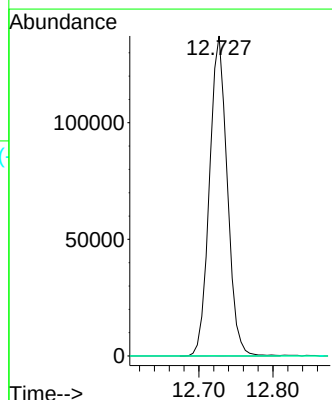
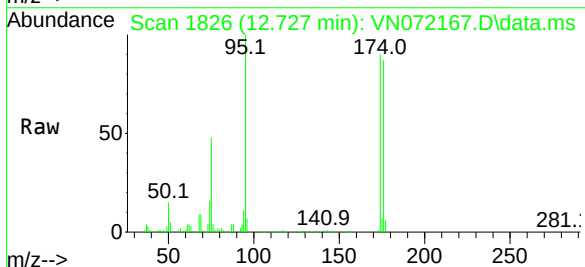
Tgt Ion: 75 Resp: 228926

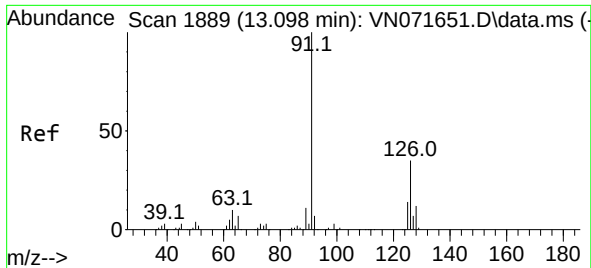
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 37.2 55.8#

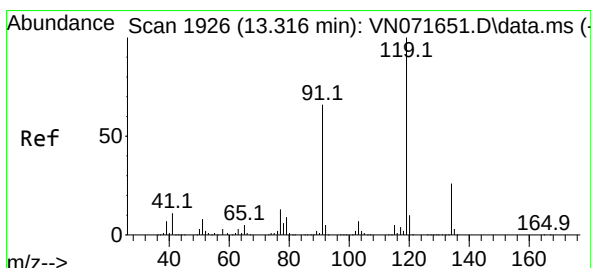
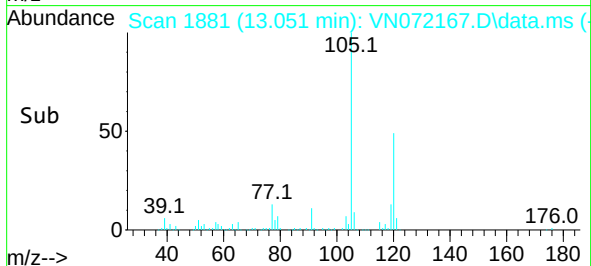
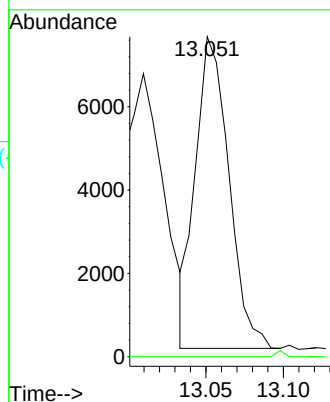
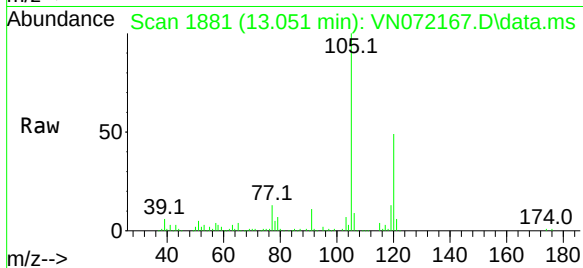




#82
4-Chlorotoluene
Concen: 0.452 ug/l
RT: 13.051 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

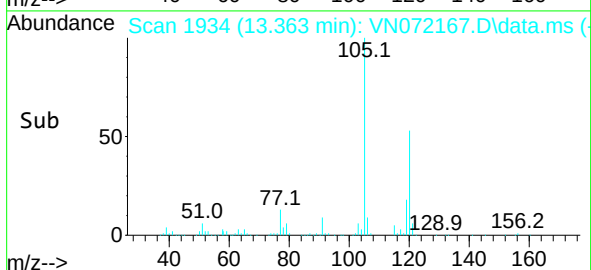
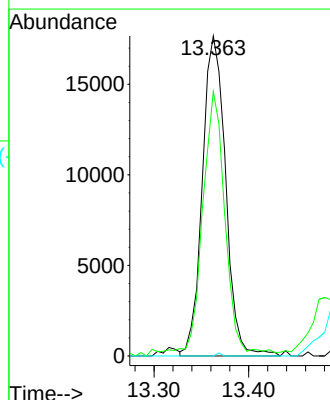
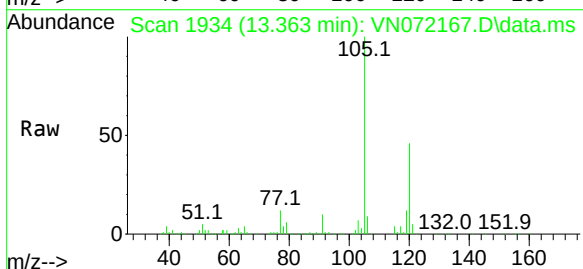
Instrument :
MSVOA_N
ClientSampleId :

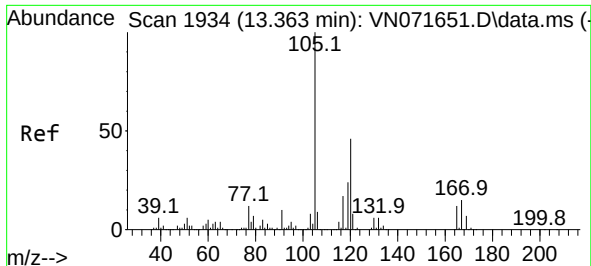
Tgt Ion: 91 Resp: 11224
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 1.047 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.047 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

Tgt Ion: 119 Resp: 30104
Ion Ratio Lower Upper
119 100
91 82.1 31.6 94.8
134 0.0 13.7 41.1#

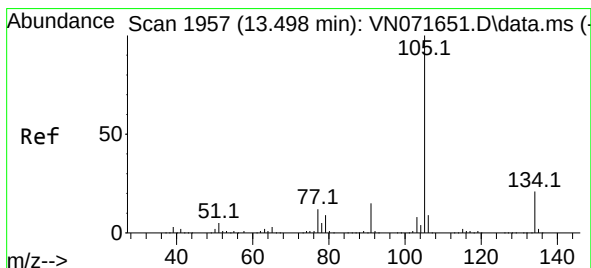
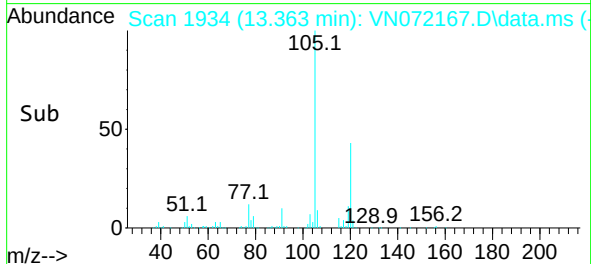
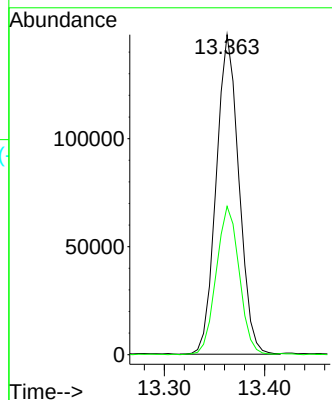
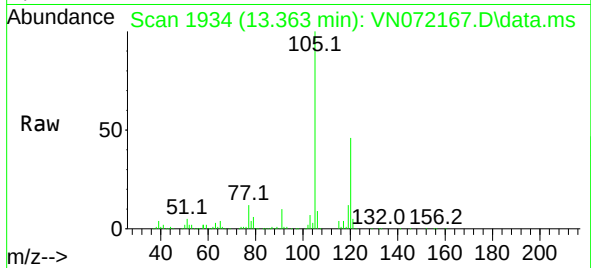




#84
1,2,4-Trimethylbenzene
Concen: 7.576 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

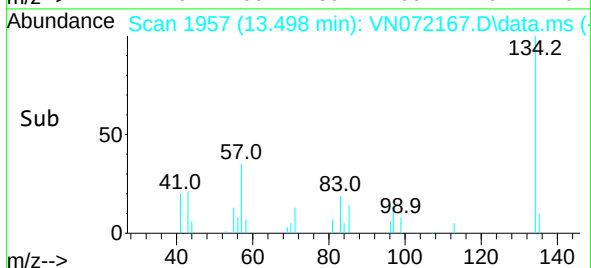
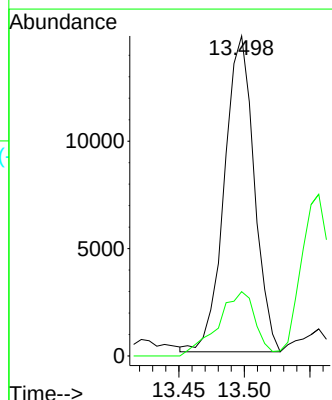
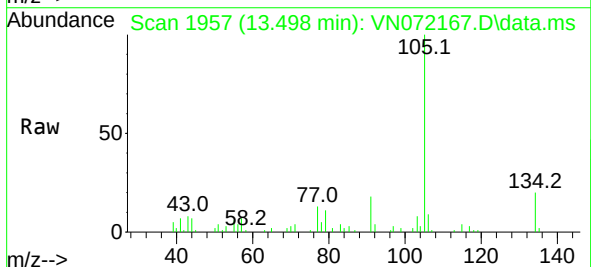
Instrument :
MSVOA_N
ClientSampleId :

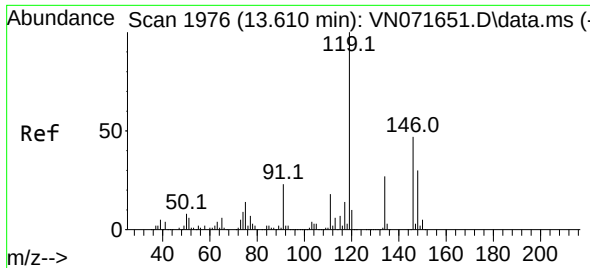
Tgt Ion:105 Resp: 232569
Ion Ratio Lower Upper
105 100
120 47.2 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.625 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

Tgt Ion:105 Resp: 23284
Ion Ratio Lower Upper
105 100
134 25.5 10.4 31.1

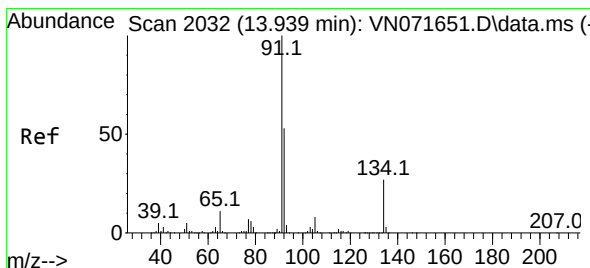
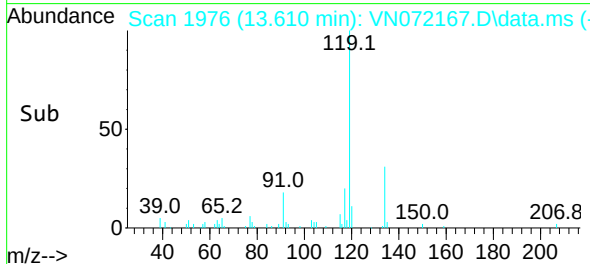
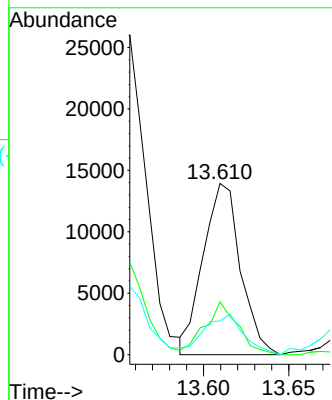
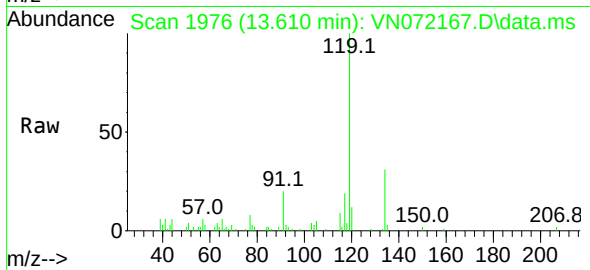




#86
p-Isopropyltoluene
Concen: 0.713 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

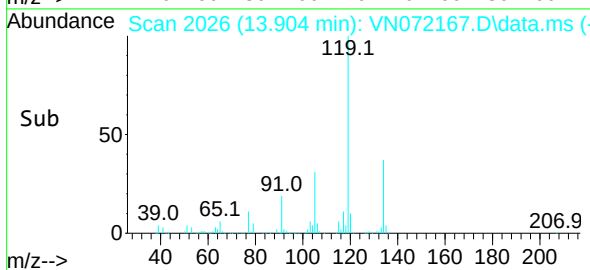
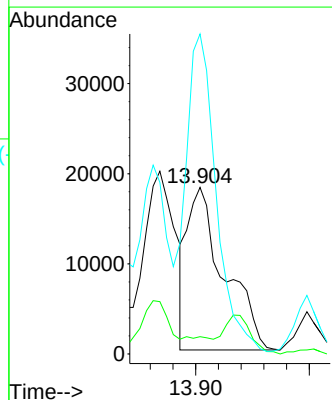
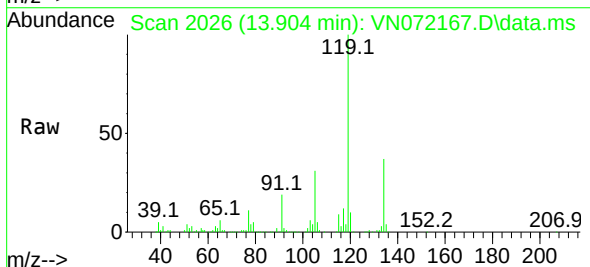
Instrument :
MSVOA_N
ClientSampleId :

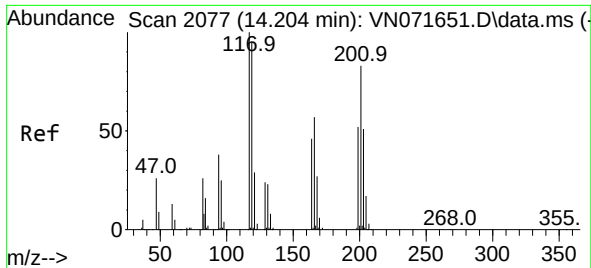
Tgt Ion:119 Resp: 21209
Ion Ratio Lower Upper
119 100
134 27.5 13.3 39.8
91 25.0 11.3 33.9



#89
n-Butylbenzene
Concen: 1.858 ug/l
RT: 13.904 min Scan# 2026
Delta R.T. -0.035 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

Tgt Ion: 91 Resp: 40955
Ion Ratio Lower Upper
91 100
92 0.0 26.9 80.7#
134 159.0 13.6 40.8#

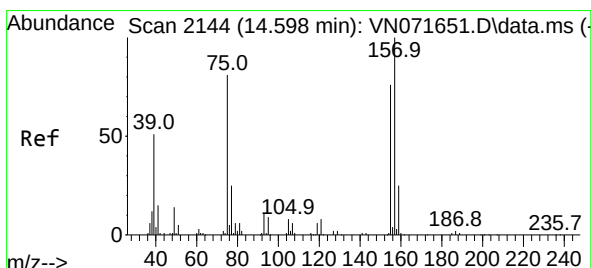
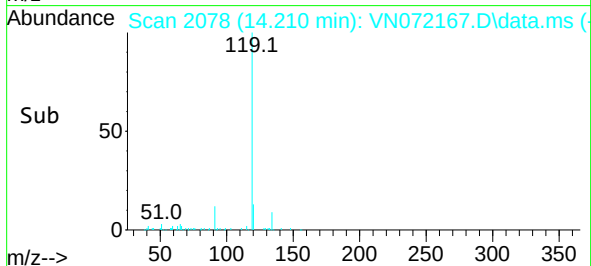
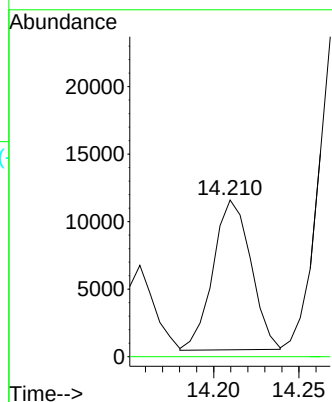
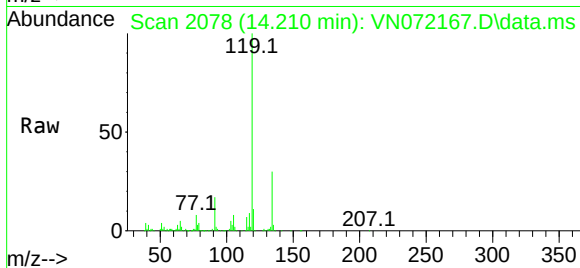




#90
Hexachloroethane
Concen: 3.149 ug/l
RT: 14.210 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

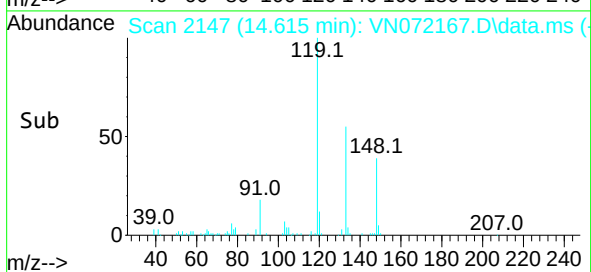
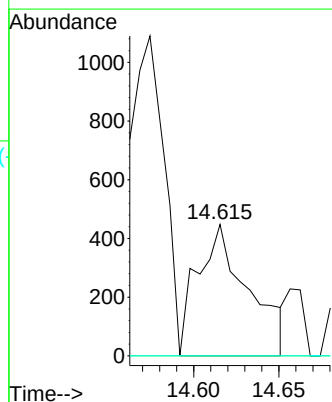
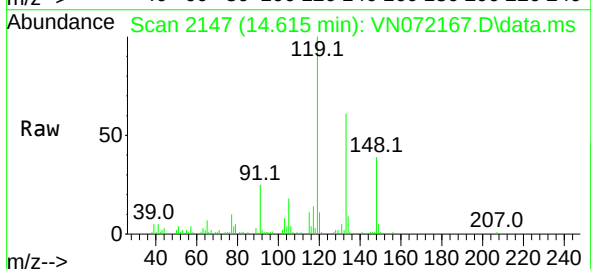
Instrument :
MSVOA_N
ClientSampleId :

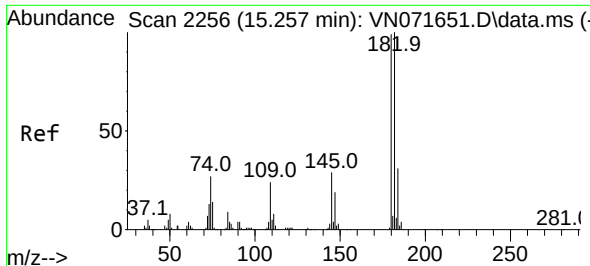
Tgt Ion:117 Resp: 17136
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.452 ug/l
RT: 14.615 min Scan# 2147
Delta R.T. 0.017 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

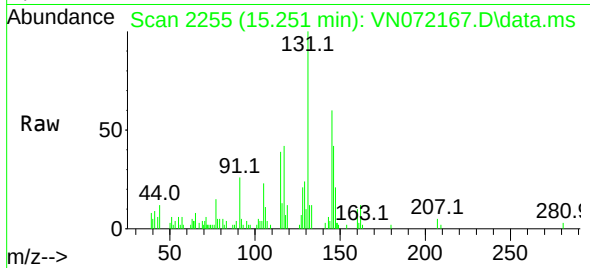
Tgt Ion: 75 Resp: 928
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#



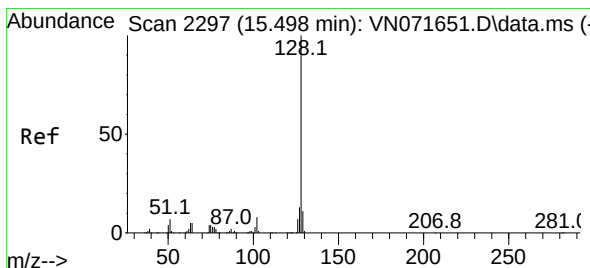
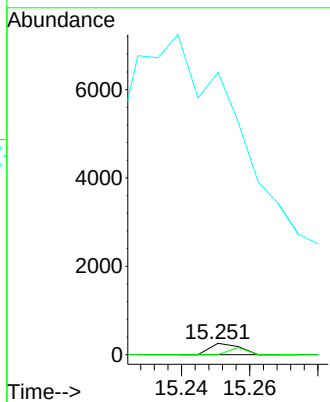
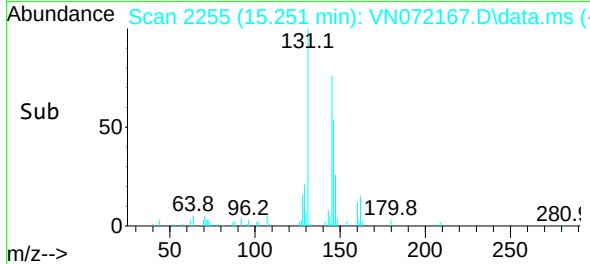


#93
 1,2,4-Trichlorobenzene
 Concen: 2.106 ug/l
 RT: 15.251 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072167.D
 Acq: 22 Apr 2022 19:24

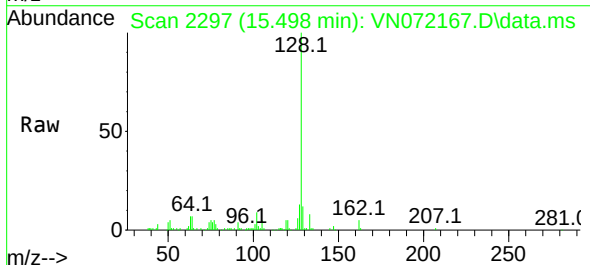
Instrument :
 MSVOA_N
 ClientSampleId :



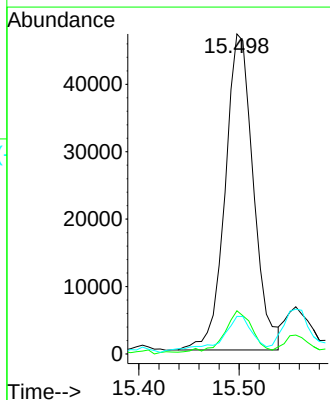
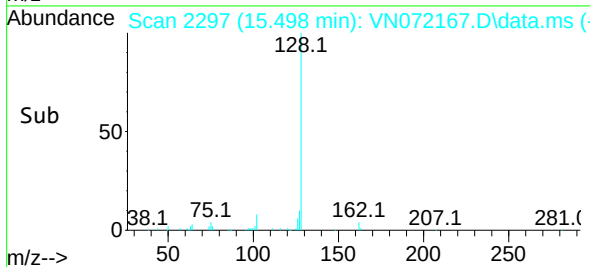
Tgt Ion:180 Resp: 156
 Ion Ratio Lower Upper
 180 100
 182 37.2 47.5 142.5#
 145 13503.8 14.5 43.5#

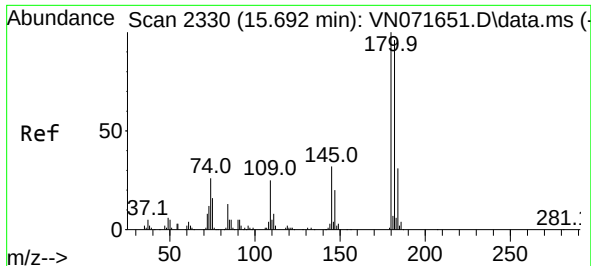


#95
 Naphthalene
 Concen: 7.753 ug/l
 RT: 15.498 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VN072167.D
 Acq: 22 Apr 2022 19:24



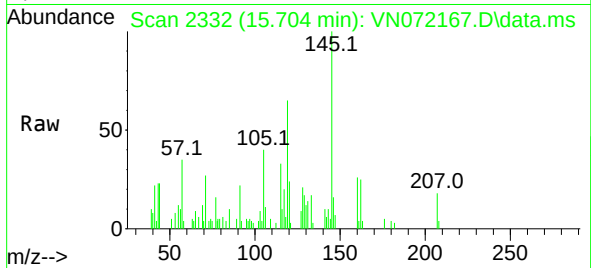
Tgt Ion:128 Resp: 91743
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.3 15.5
 129 12.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.424 ug/l
 RT: 15.704 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN072167.D
 Acq: 22 Apr 2022 19:24

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	78
Ion	Ratio	Lower	Upper
180	100		
182	479.5	47.8	143.3#
145	0.0	15.5	46.5#

