

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 :
 NWB-1766

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)

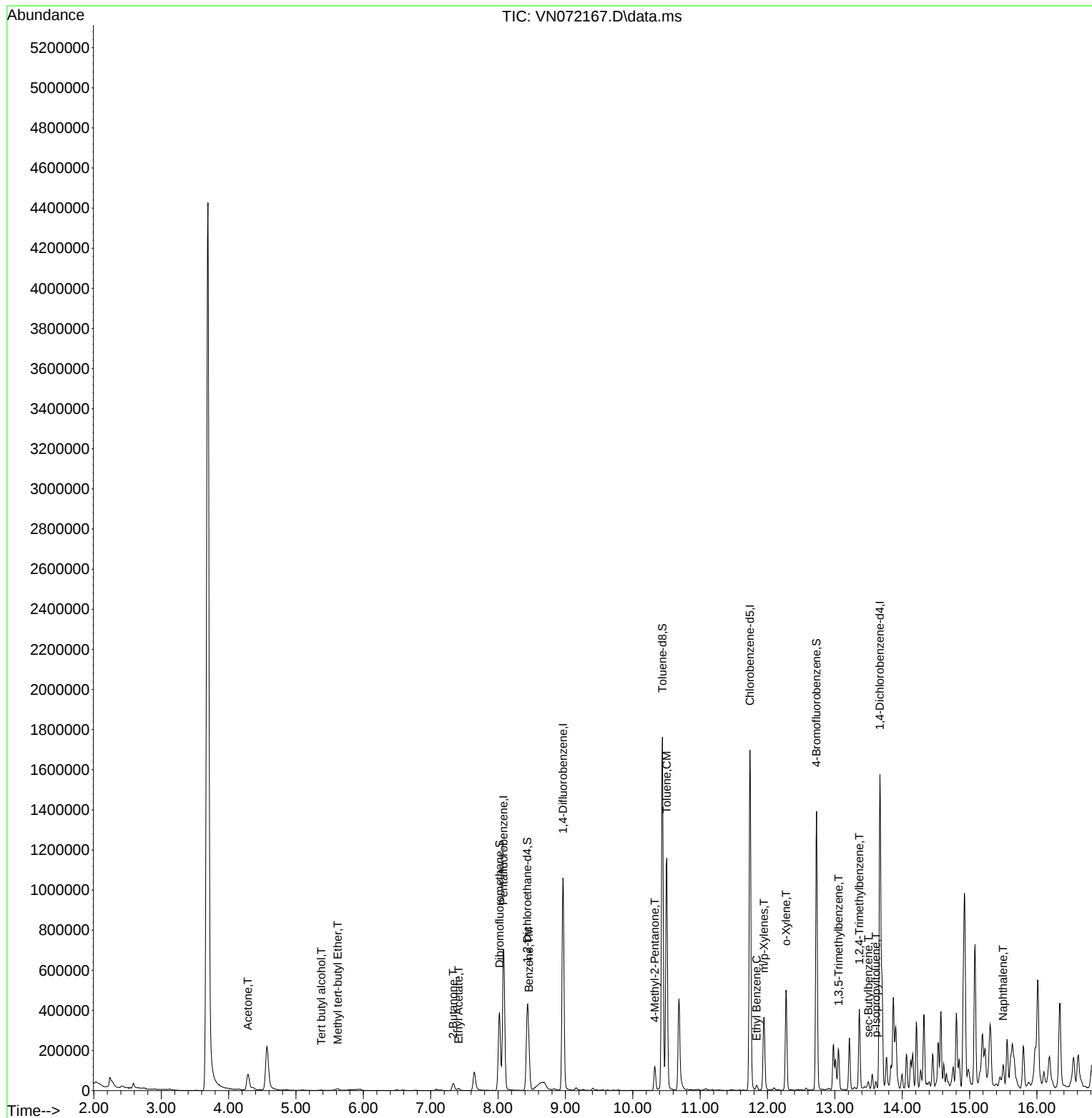
Internal Standards						
1) Pentafluorobenzene	8.081	168	606805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1015879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1092185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	471242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
11) Tert butyl alcohol	5.375	59	5185	4.612	ug/l #	72
16) Acetone	4.287	43	144745	48.892	ug/l	91
19) Methyl tert-butyl Ether	5.622	73	12721	0.684	ug/l	100
25) 2-Butanone	7.334	43	58916	13.804	ug/l	97
37) Ethyl Acetate	7.416	43	13423	1.469	ug/l #	91
40) Benzene	8.457	78	161070	6.108	ug/l	100
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
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
80) 1,3,5-Trimethylbenzene	13.057	105	109395	3.477	ug/l	95
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
95) Naphthalene	15.498	128	91743	7.753	ug/l	97

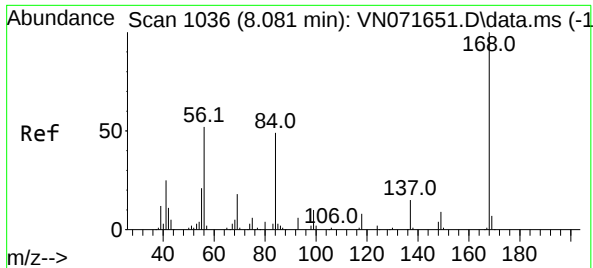
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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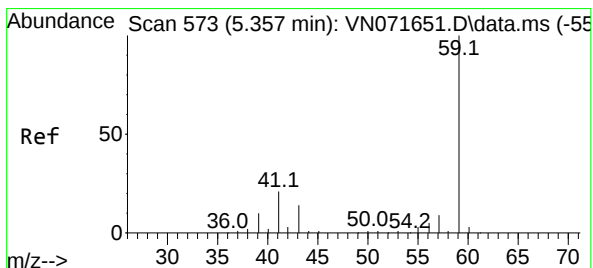
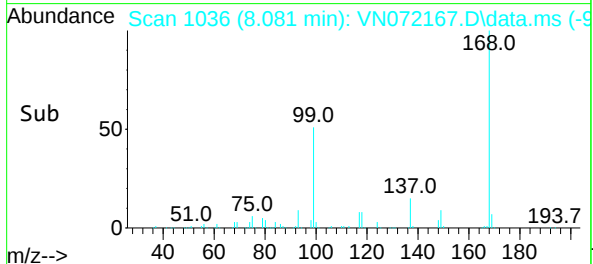
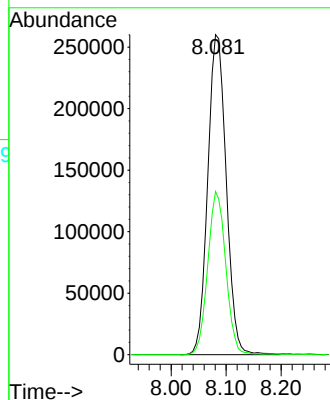
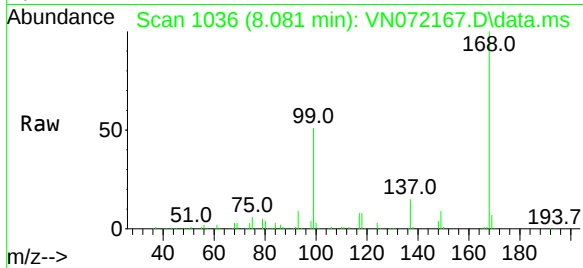




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

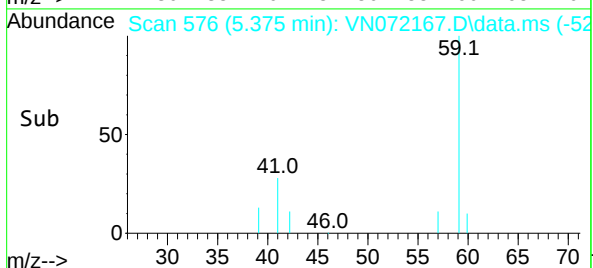
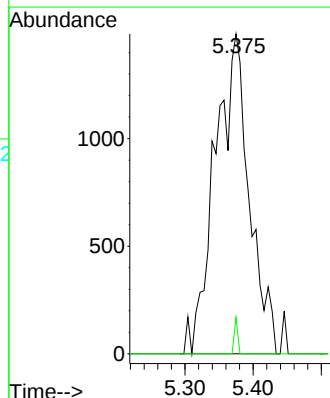
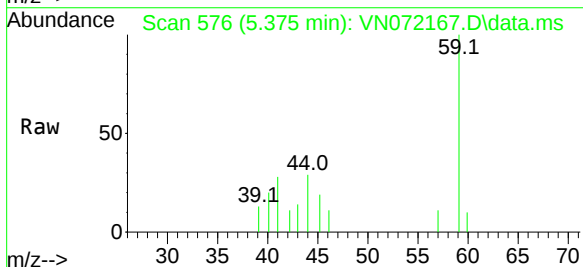
Instrument :
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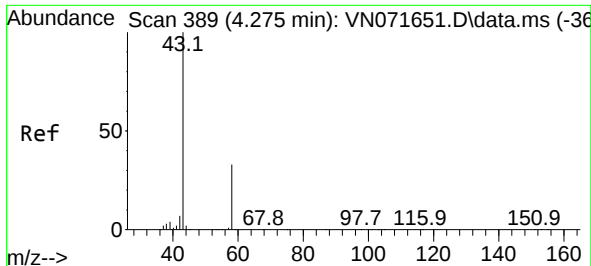
Tgt Ion:168 Resp: 606805
Ion Ratio Lower Upper
168 100
99 51.0 42.3 63.5



#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#

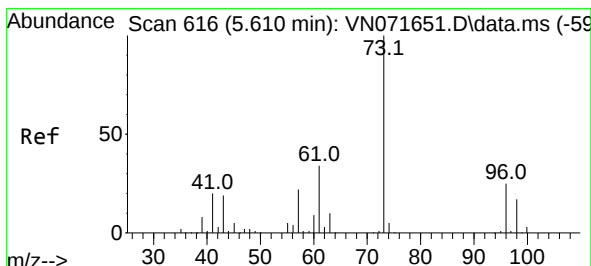
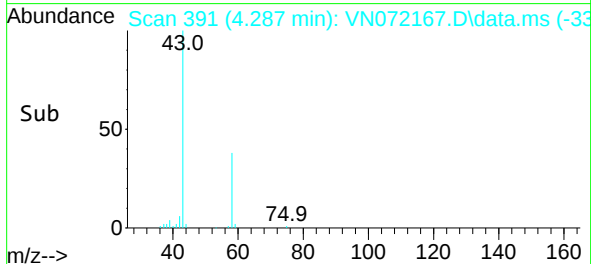
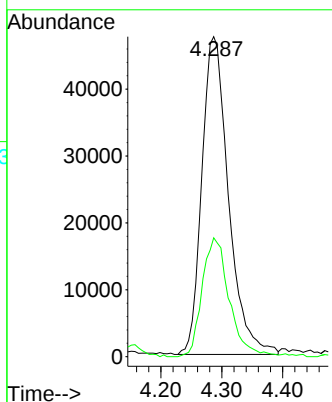
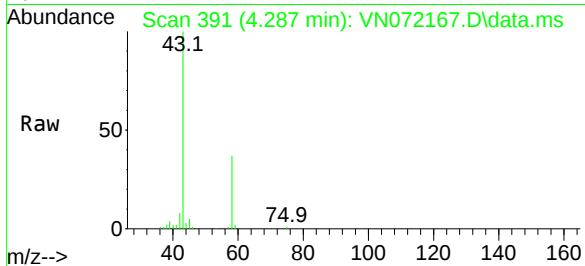




#16
Acetone
Concen: 48.892 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

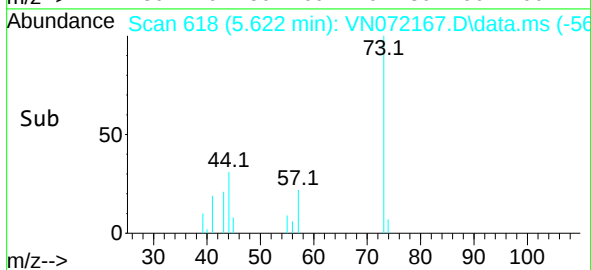
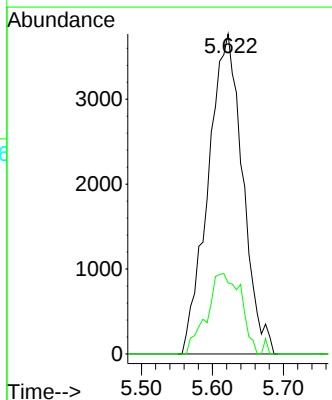
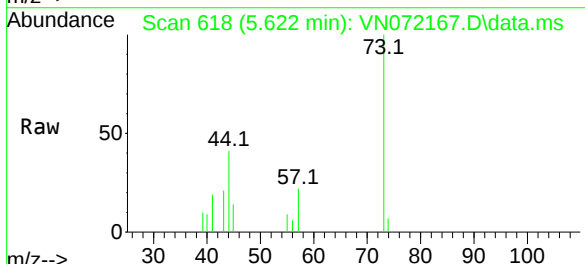
Instrument :
MSVOA_N
ClientSampleId :
NWB-1766

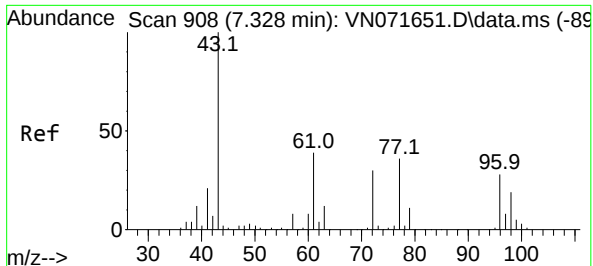
Tgt Ion: 43 Resp: 144745
Ion Ratio Lower Upper
43 100
58 37.4 26.0 39.0



#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

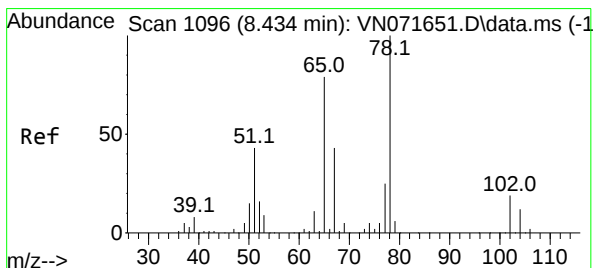
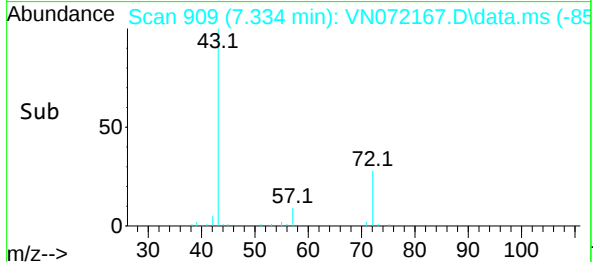
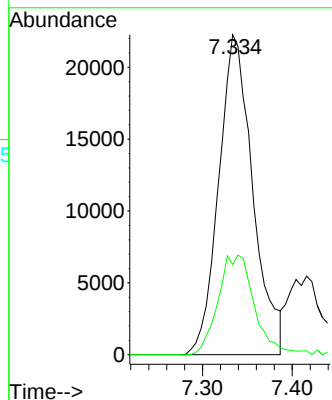
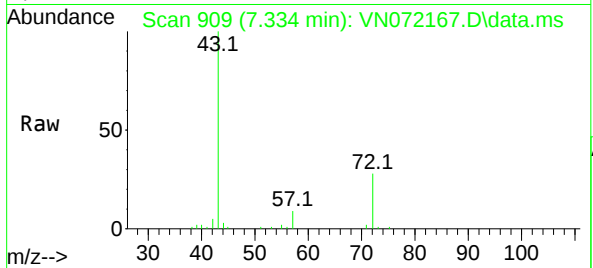




#25
2-Butanone
Concen: 13.804 ug/l
RT: 7.334 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

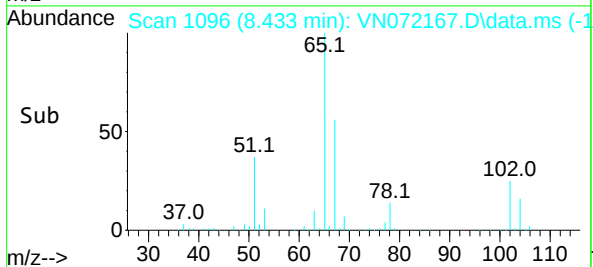
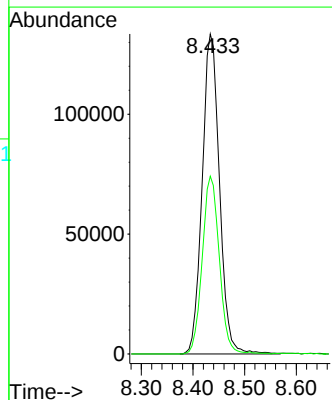
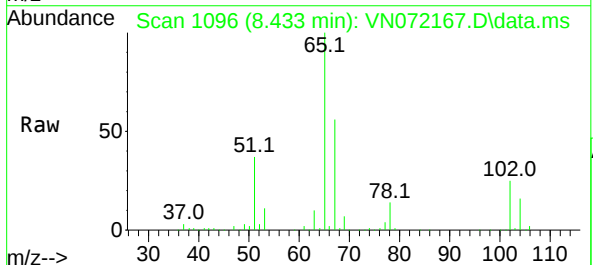
Instrument :
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ClientSampleId :
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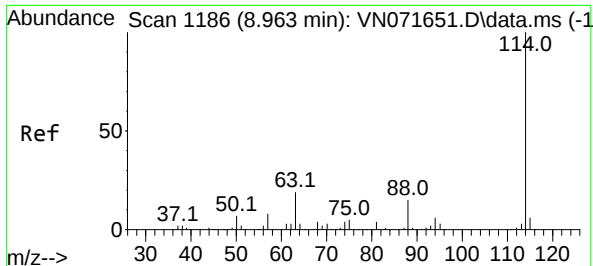
Tgt Ion: 43 Resp: 58916
Ion Ratio Lower Upper
43 100
72 28.2 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 44.823 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

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

Instrument :

MSVOA_N

ClientSampleId :

NWB-1766

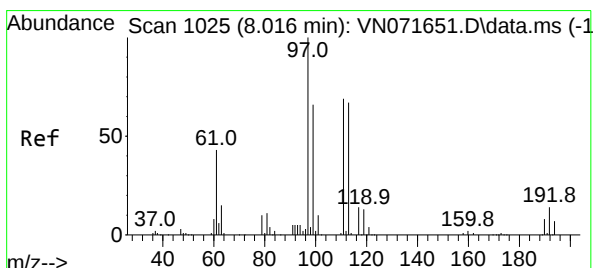
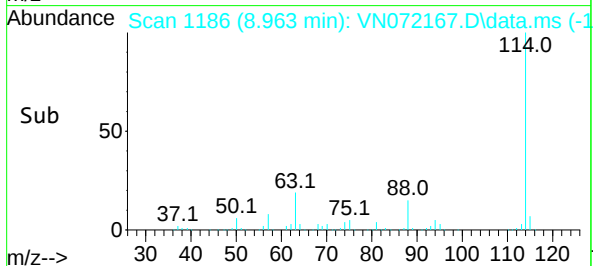
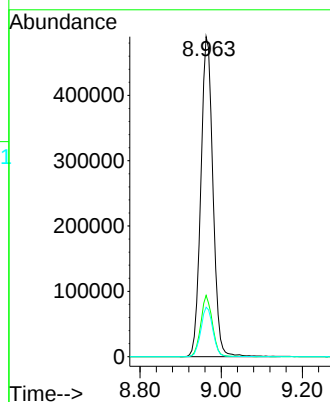
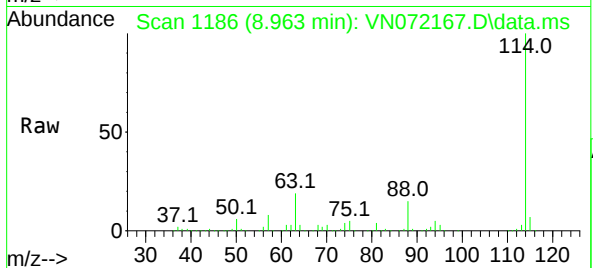
Tgt Ion:114 Resp: 1015879

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

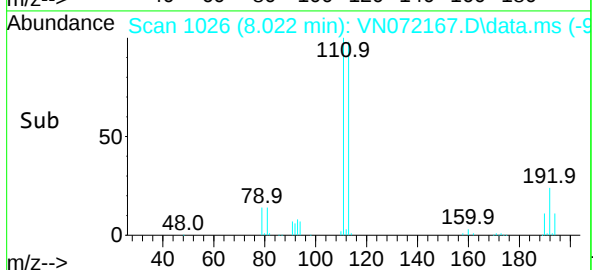
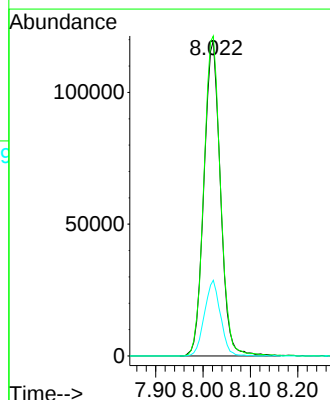
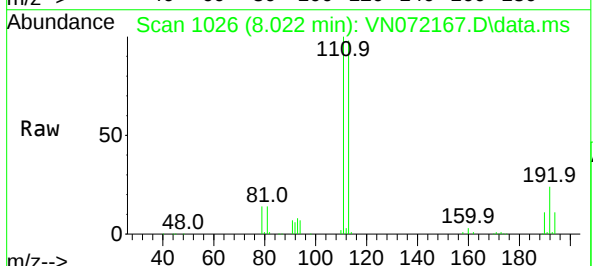
Tgt Ion:113 Resp: 289336

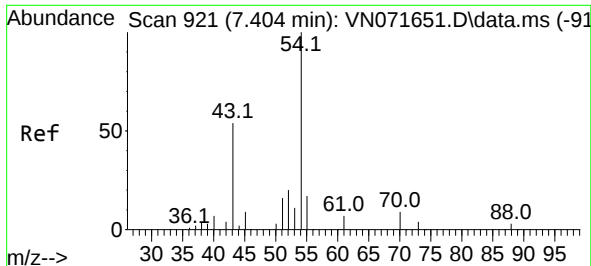
Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 23.4 17.0 25.6

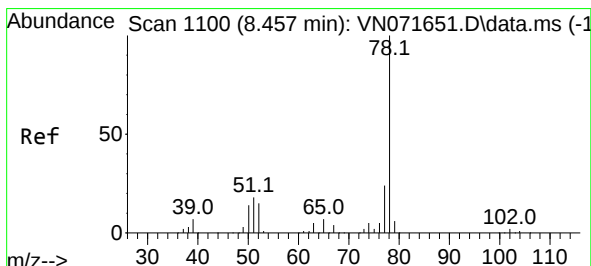
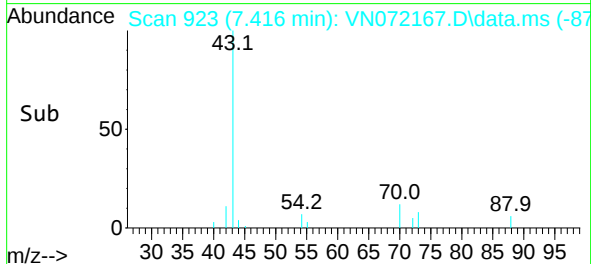
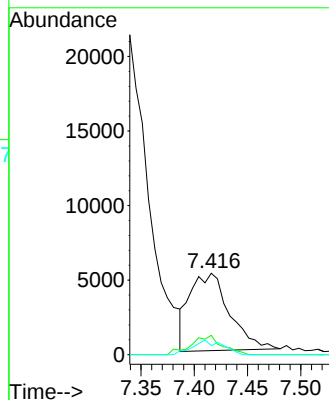
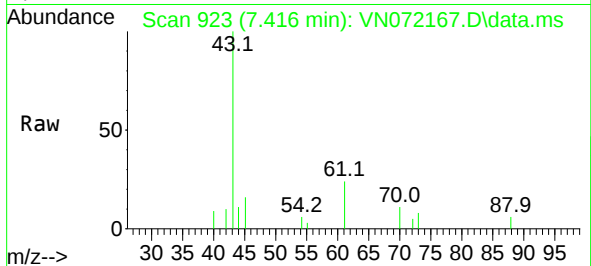




#37
Ethyl Acetate
Concen: 1.469 ug/l
RT: 7.416 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

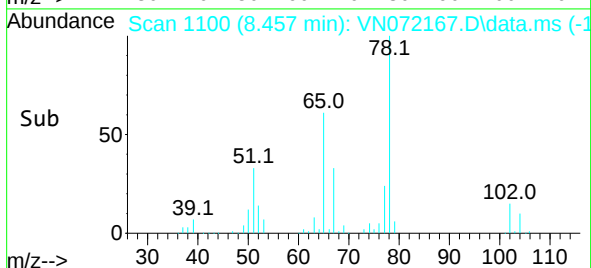
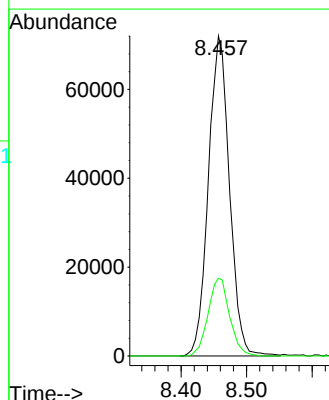
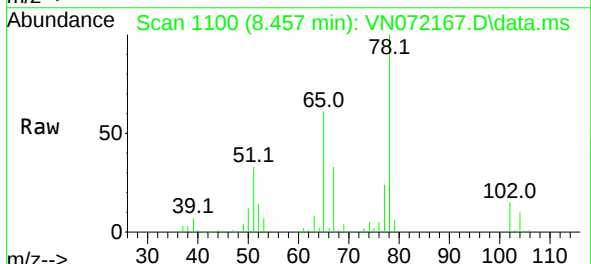
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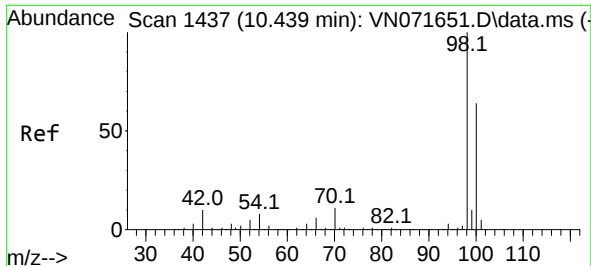
Tgt Ion: 43 Resp: 13423
Ion Ratio Lower Upper
43 100
61 19.3 11.8 17.6#
70 14.1 9.3 13.9#



#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

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

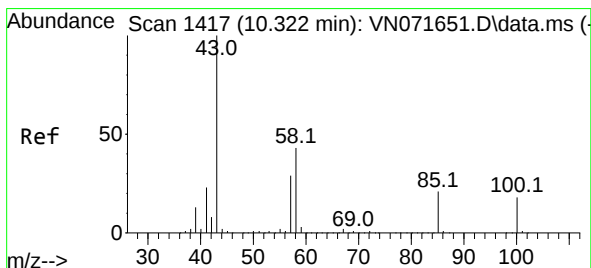
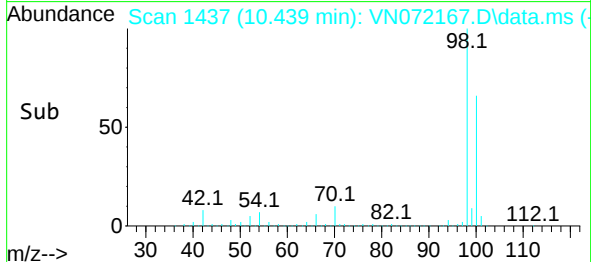
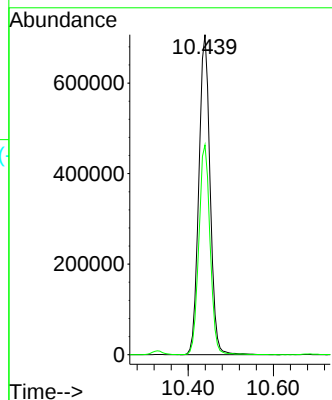
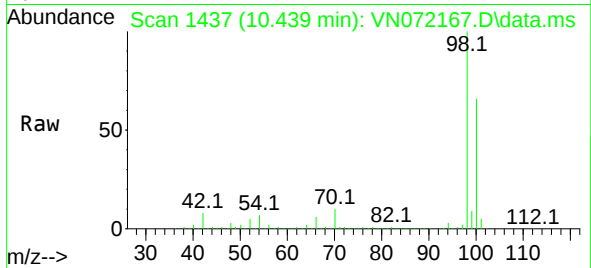




#50
Toluene-d8
Concen: 52.893 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

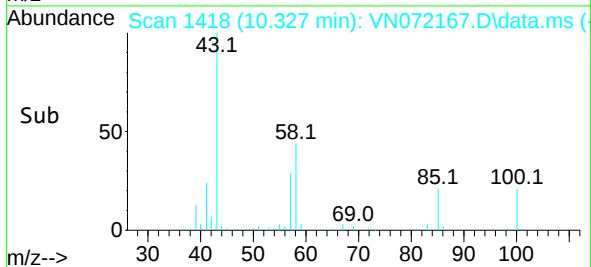
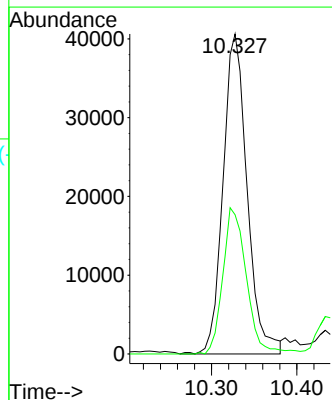
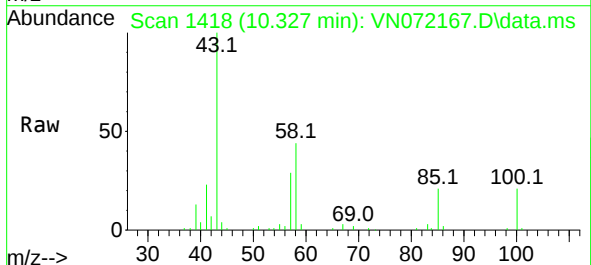
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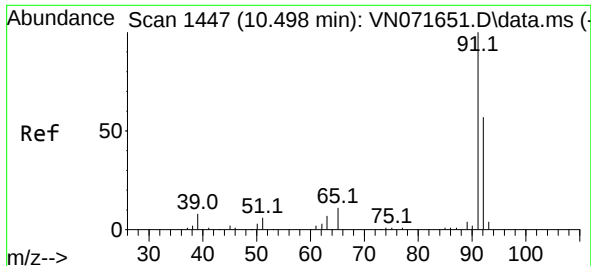
Tgt Ion: 98 Resp: 1293439
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 9.125 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.005 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

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

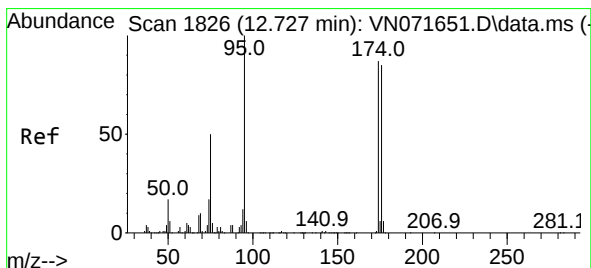
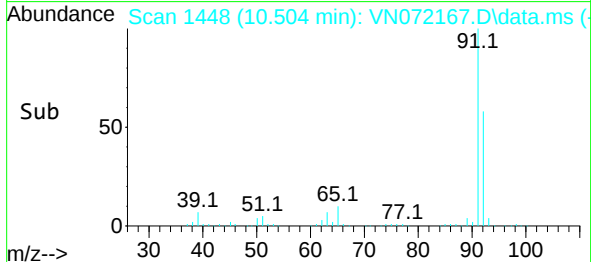
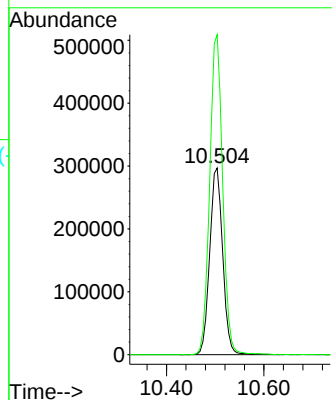
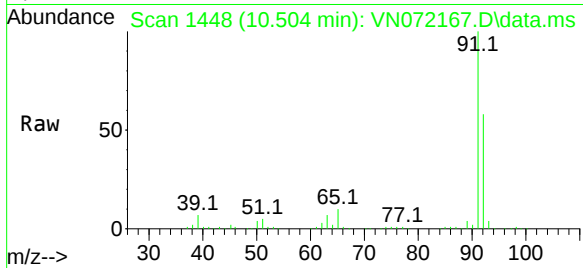




#52
Toluene
Concen: 32.837 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

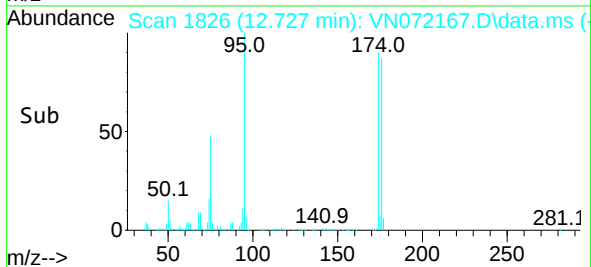
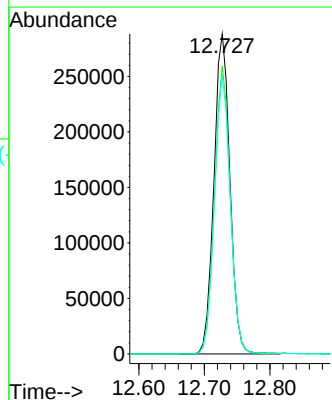
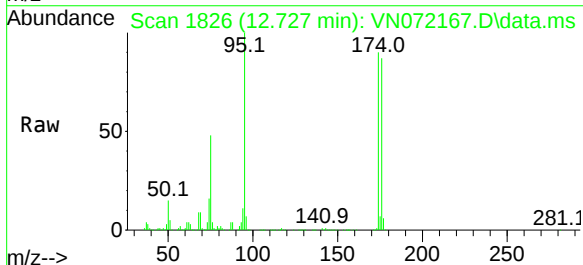
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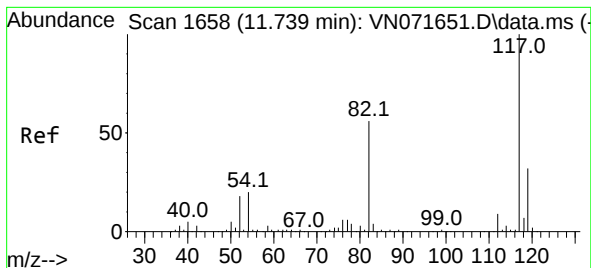
Tgt Ion: 92 Resp: 547377
Ion Ratio Lower Upper
92 100
91 171.5 138.6 207.8



#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# 1

Delta R.T. 0.000 min

Lab File: VN072167.D

Acq: 22 Apr 2022 19:24

Instrument :

MSVOA_N

ClientSampleId :

NWB-1766

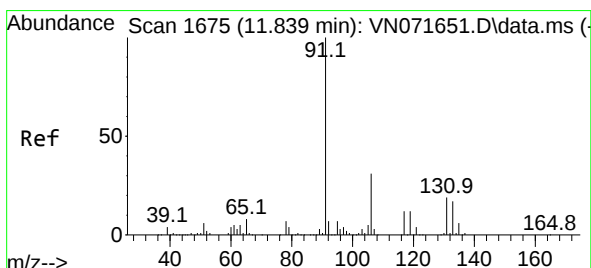
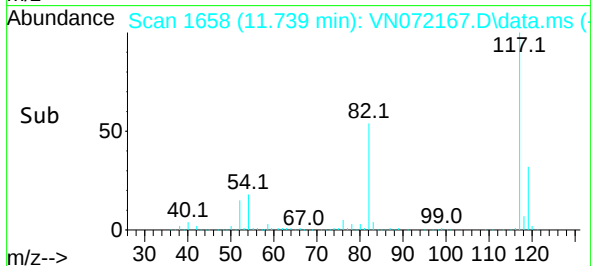
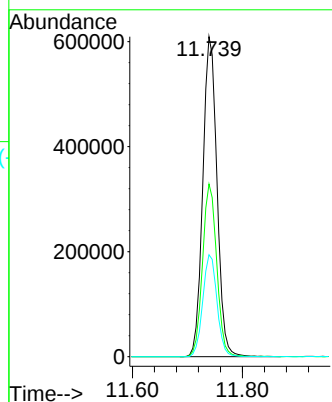
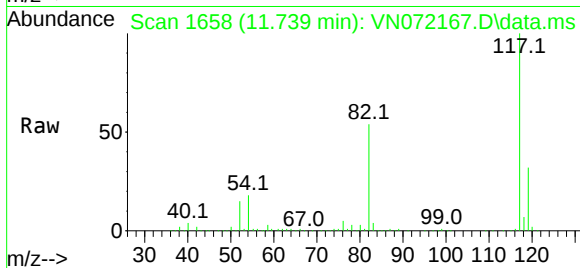
Tgt Ion:117 Resp: 1092185

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

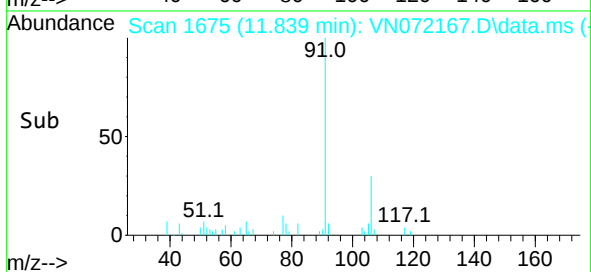
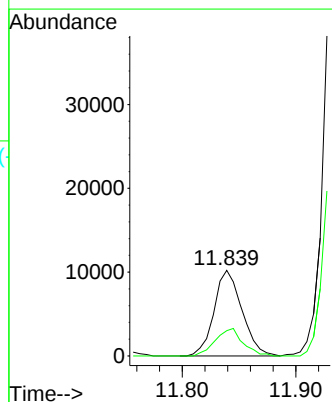
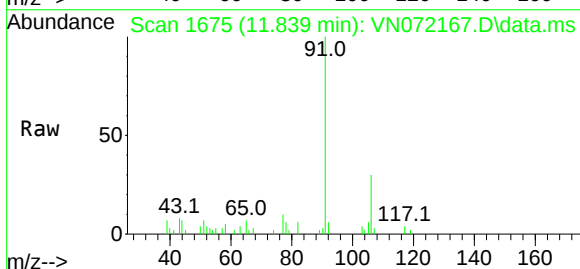
Acq: 22 Apr 2022 19:24

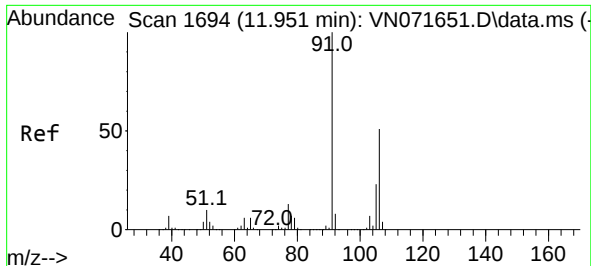
Tgt Ion: 91 Resp: 17445

Ion Ratio Lower Upper

91 100

106 29.5 24.9 37.3

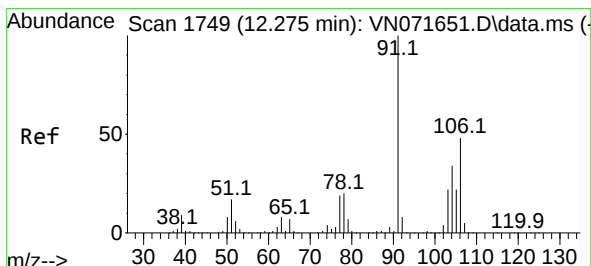
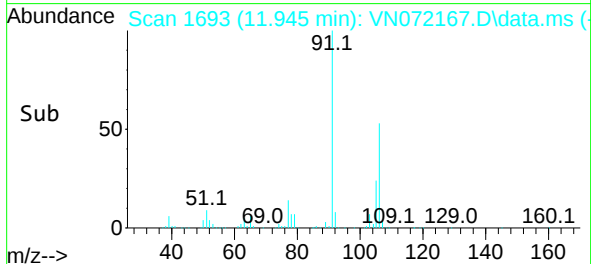
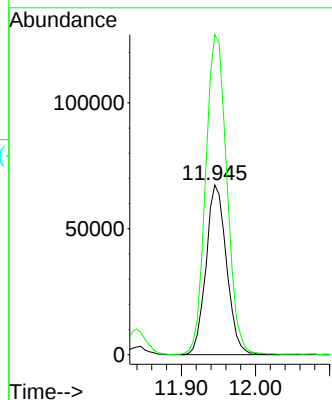
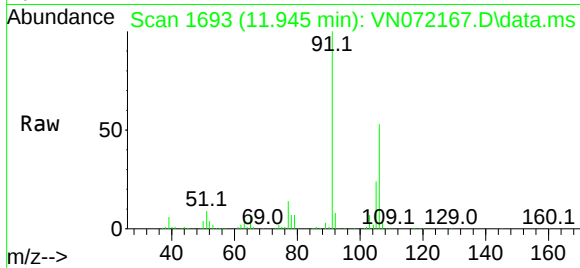




#68
m/p-Xylenes
Concen: 9.116 ug/l
RT: 11.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

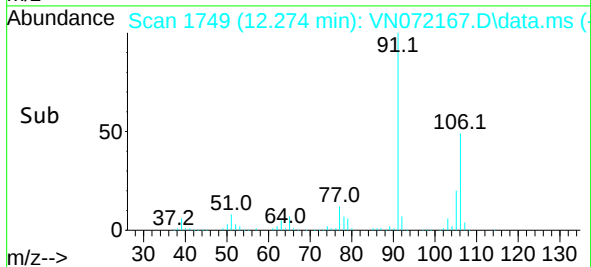
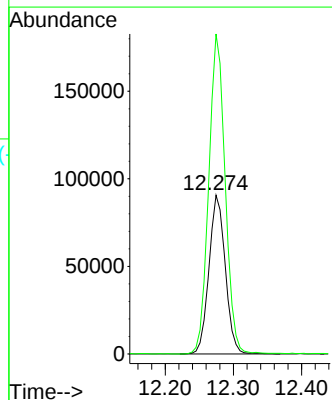
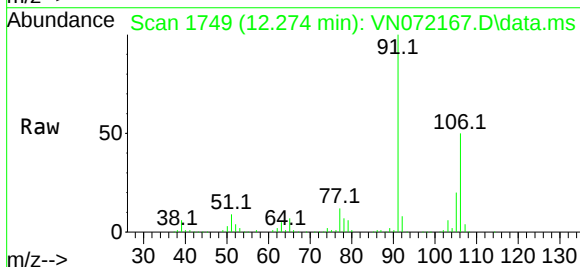
Instrument :
MSVOA_N
ClientSampleId :
NWB-1766

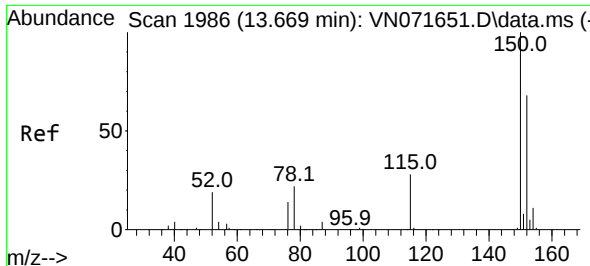
Tgt Ion:106 Resp: 129675
Ion Ratio Lower Upper
106 100
91 195.4 158.9 238.3



#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

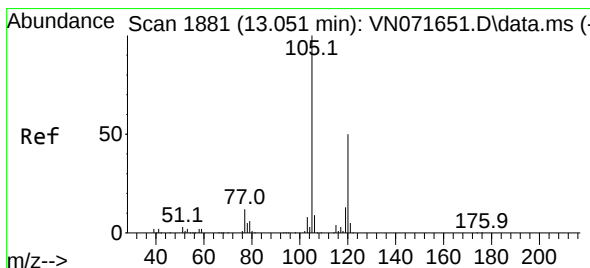
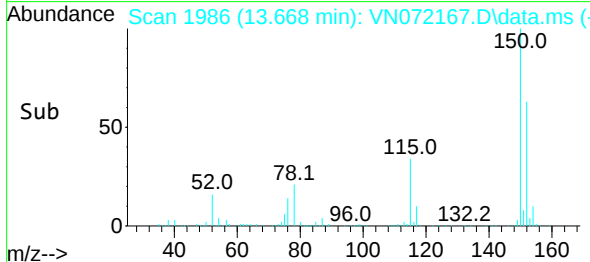
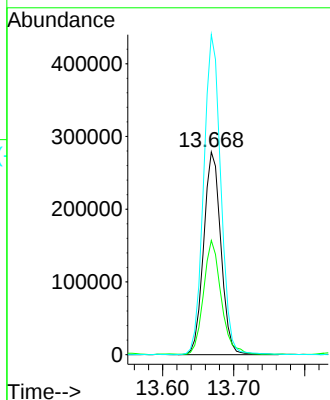
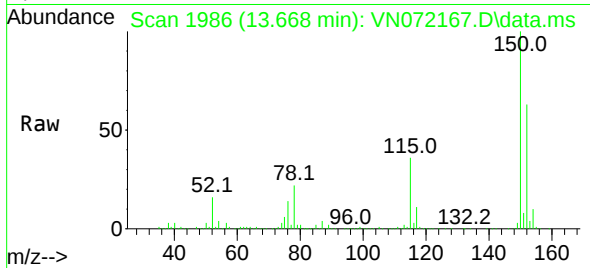




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072167.D
 Acq: 22 Apr 2022 19:24

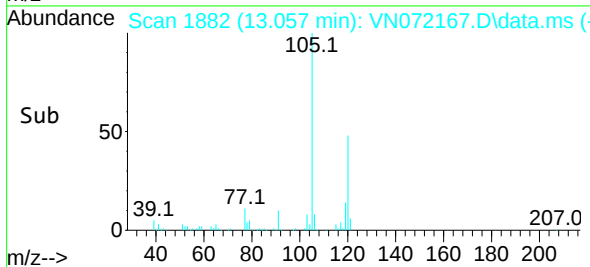
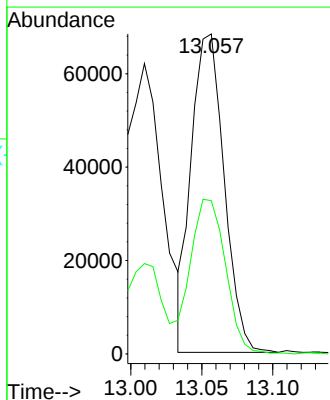
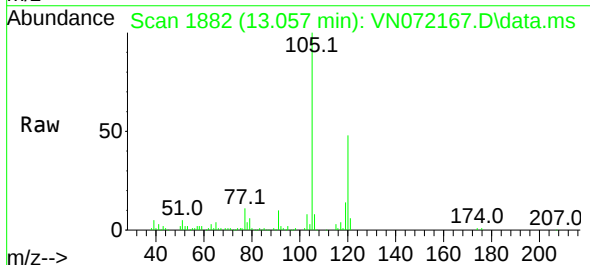
Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1766

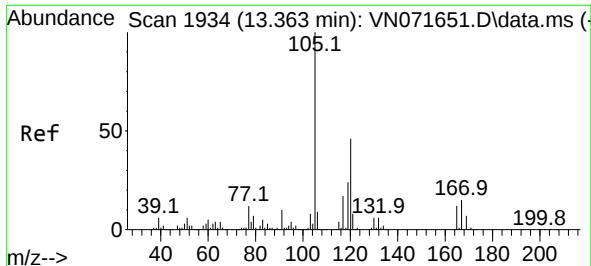
Tgt Ion:152 Resp: 471242
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.9 86.7
 150 156.8 0.0 356.2



#80
 1,3,5-Trimethylbenzene
 Concen: 3.477 ug/l
 RT: 13.057 min Scan# 1882
 Delta R.T. 0.006 min
 Lab File: VN072167.D
 Acq: 22 Apr 2022 19:24

Tgt Ion:105 Resp: 109395
 Ion Ratio Lower Upper
 105 100
 120 53.3 24.9 74.7

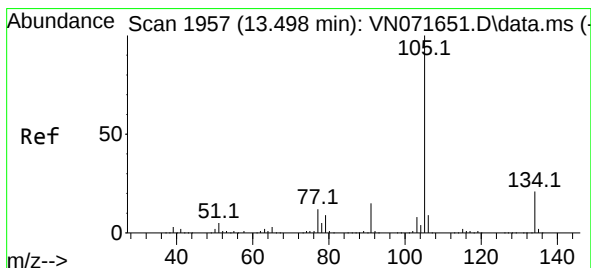
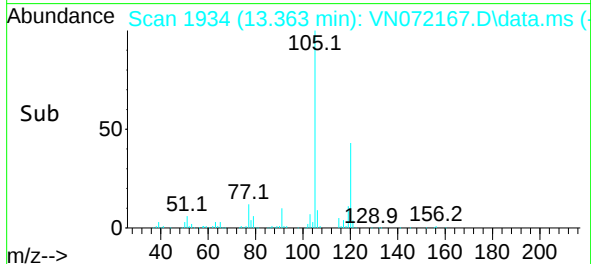
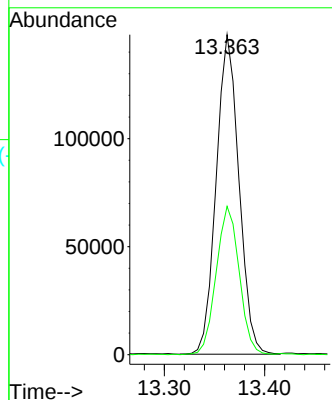
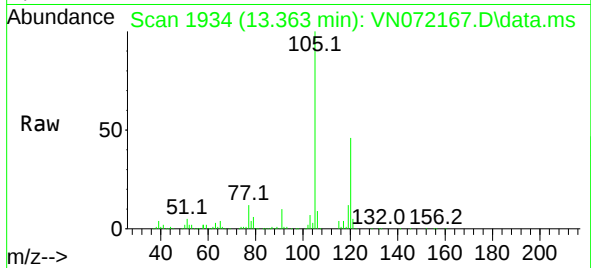




#84
1,2,4-Trimethylbenzene
Concen: 7.576 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

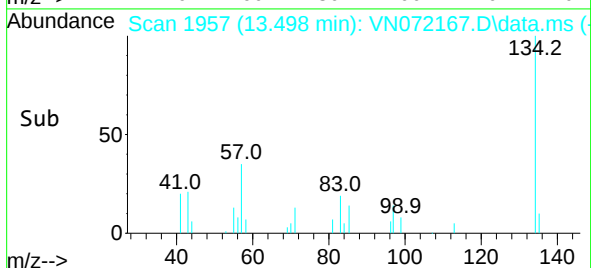
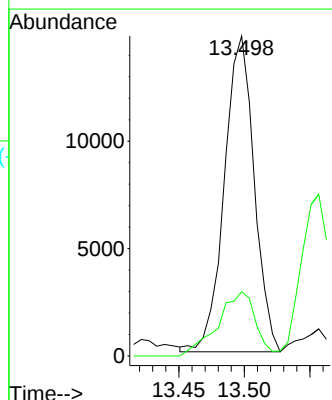
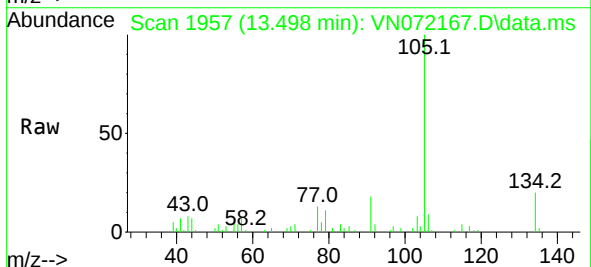
Instrument :
MSVOA_N
ClientSampleId :
NWB-1766

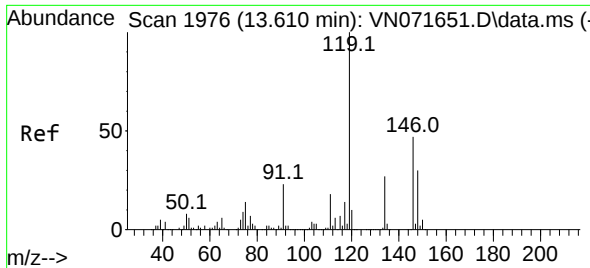
Tgt Ion:105 Resp: 232569
Ion Ratio Lower Upper
105 100
120 47.2 23.3 69.8



#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

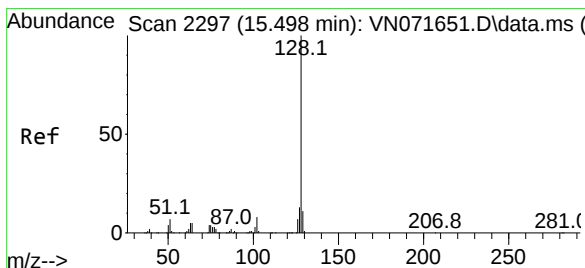
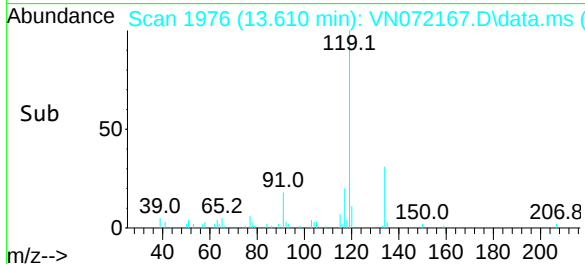
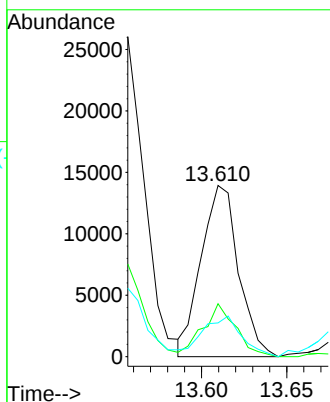
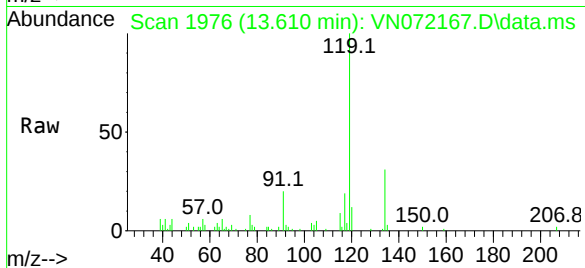




#86
p-Isopropyltoluene
Concen: 0.713 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072167.D
Acq: 22 Apr 2022 19:24

Instrument :
MSVOA_N
ClientSampleId :
NWB-1766

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



#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

