

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061022\
 Data File : VN072775.D
 Acq On : 10 Jun 2022 19:25
 Operator : JC\MD
 Sample : N3293-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30986

Quant Time: Jun 11 01:56:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

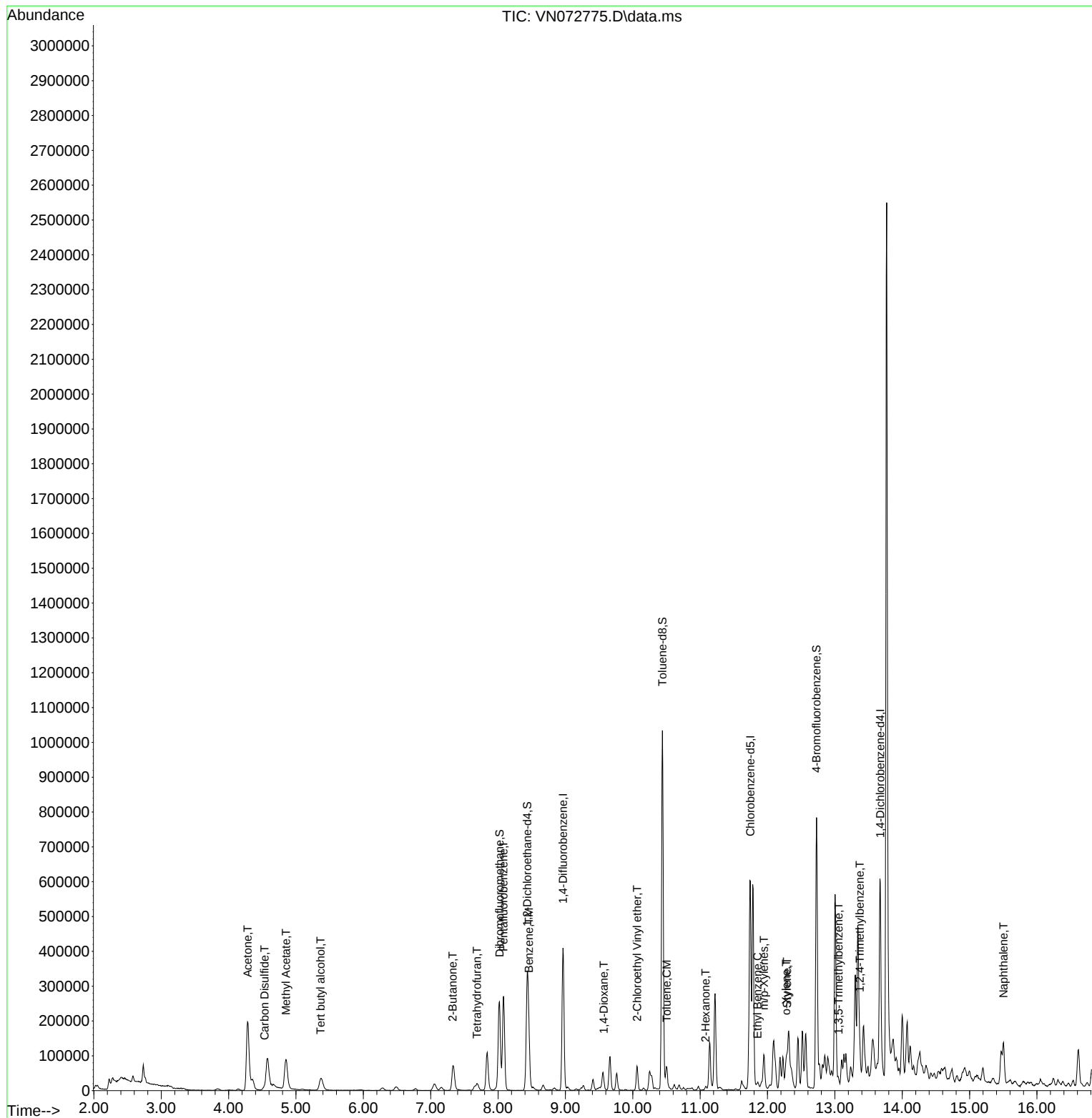
Internal Standards						
1) Pentafluorobenzene	8.081	168	177020	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	330352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	304442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	133856	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	249661	52.548	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.100%	
35) Dibromofluoromethane	8.022	113	183015	55.989	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 111.980%	
50) Toluene-d8	10.439	98	596358	45.727	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 91.460%	
62) 4-Bromofluorobenzene	12.727	95	248121	55.443	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 110.880%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.363	59	53202	46.942	ug/l	99
16) Acetone	4.281	43	375708	165.030	ug/l	92
17) Carbon Disulfide	4.534	76	27651	4.946	ug/l	98
18) Methyl Acetate	4.851	43	180772	30.518	ug/l	91
25) 2-Butanone	7.328	43	125272	34.207	ug/l	# 85
29) Tetrahydrofuran	7.687	42	8696	3.843	ug/l	# 89
40) Benzene	8.457	78	109209	7.932	ug/l	97
49) 1,4-Dioxane	9.569	88	6239	65.712	ug/l	# 55
52) Toluene	10.504	92	24571	2.858	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.063	63	5203	1.990	ug/l	# 44
59) 2-Hexanone	11.080	43	8366	1.591	ug/l	81
67) Ethyl Benzene	11.851	91	12443	0.816	ug/l	100
68) m/p-Xylenes	11.945	106	27725	5.114	ug/l	94
69) o-Xylene	12.274	106	7024	1.289	ug/l	49
70) Styrene	12.292	104	32959	3.848	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	3511	0.309	ug/l	91
84) 1,2,4-Trimethylbenzene	13.369	105	27144	2.494	ug/l	91
95) Naphthalene	15.504	128	104362	11.866	ug/l	95

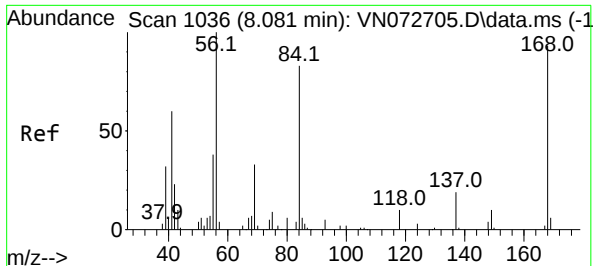
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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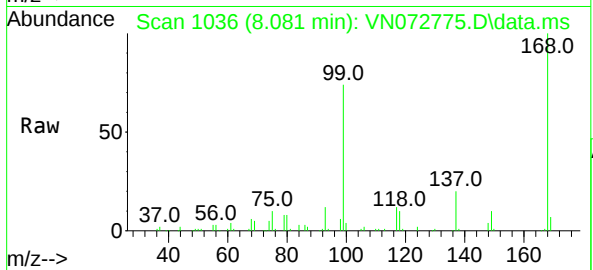
Quant Time: Jun 11 01:56:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 05:17:31 2022
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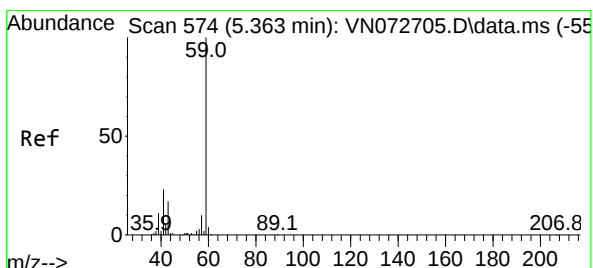
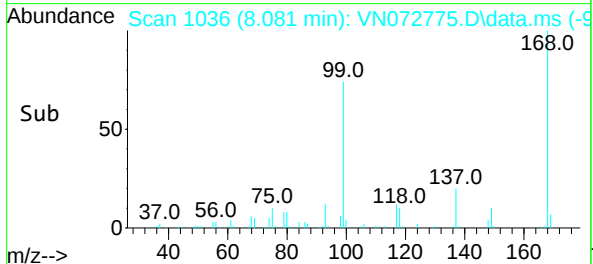
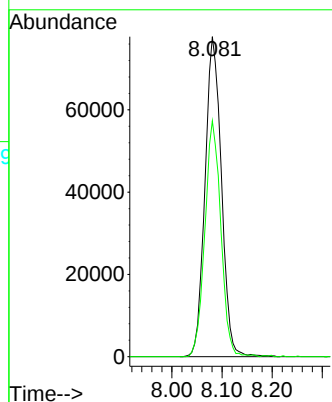


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072775.D
Acq: 10 Jun 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
30986

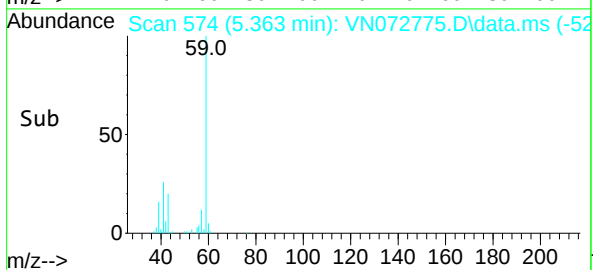
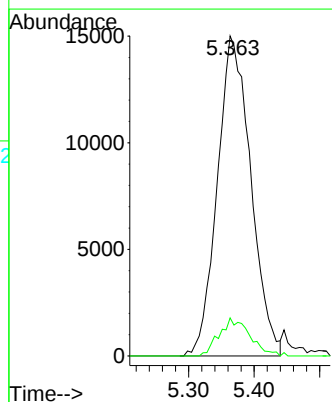
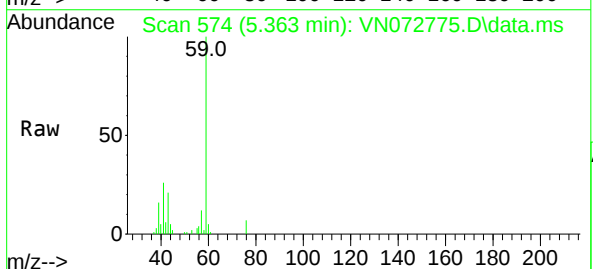


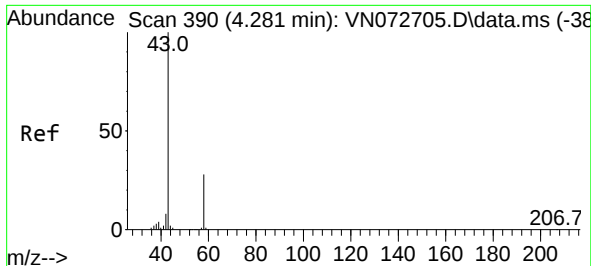
Tgt Ion:168 Resp: 177020
Ion Ratio Lower Upper
168 100
99 73.7 42.3 63.5#



#11
Tert butyl alcohol
Concen: 46.942 ug/l
RT: 5.363 min Scan# 574
Delta R.T. 0.000 min
Lab File: VN072775.D
Acq: 10 Jun 2022 19:25

Tgt Ion: 59 Resp: 53202
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

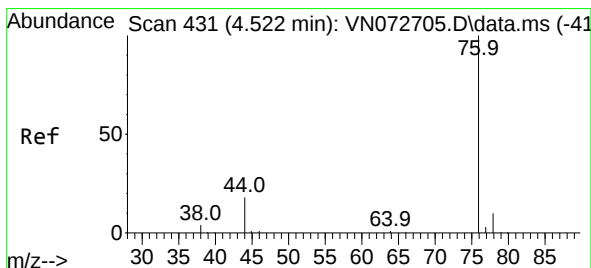
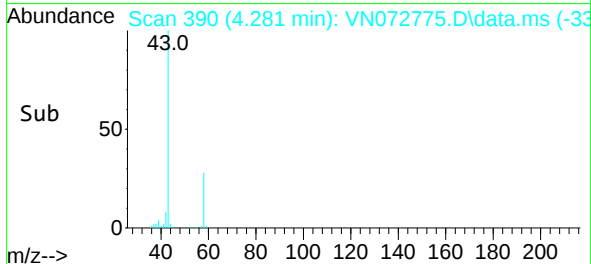
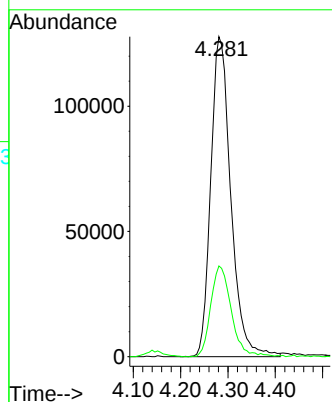
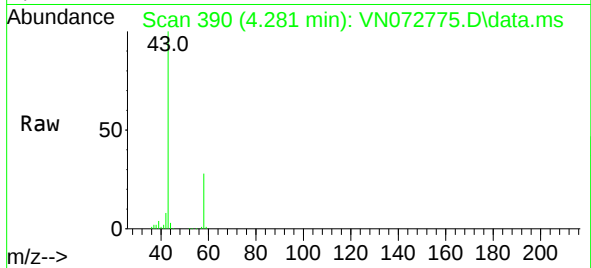




#16
Acetone
Concen: 165.030 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072775.D
Acq: 10 Jun 2022 19:25

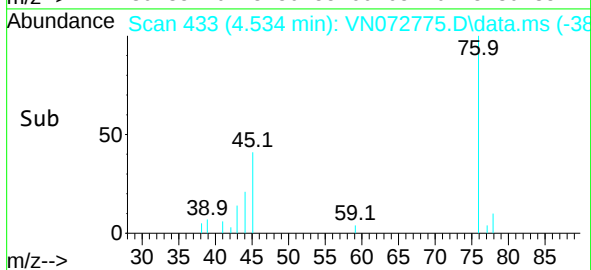
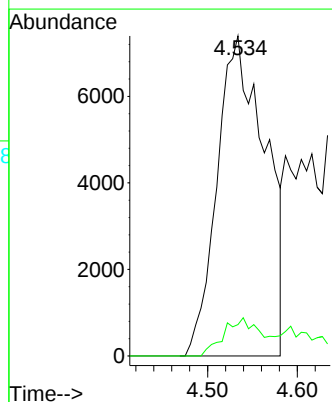
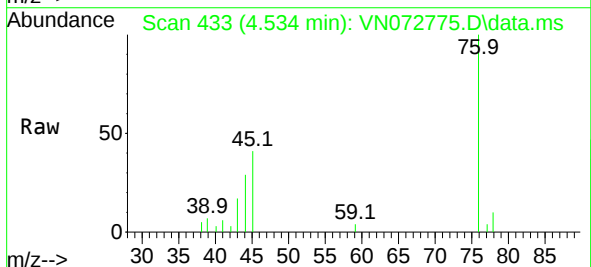
Instrument :
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ClientSampleId :
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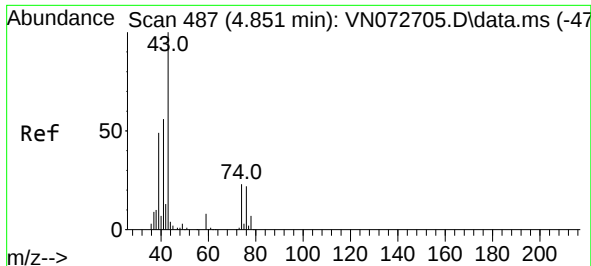
Tgt Ion: 43 Resp: 375708
Ion Ratio Lower Upper
43 100
58 28.2 26.0 39.0



#17
Carbon Disulfide
Concen: 4.946 ug/l
RT: 4.534 min Scan# 433
Delta R.T. 0.012 min
Lab File: VN072775.D
Acq: 10 Jun 2022 19:25

Tgt Ion: 76 Resp: 27651
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

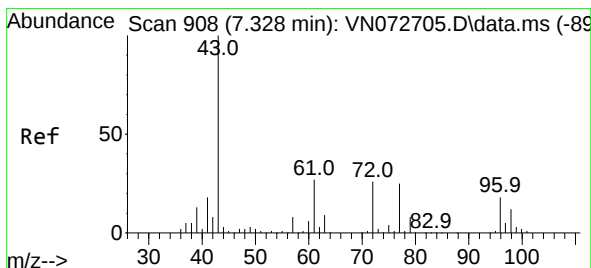
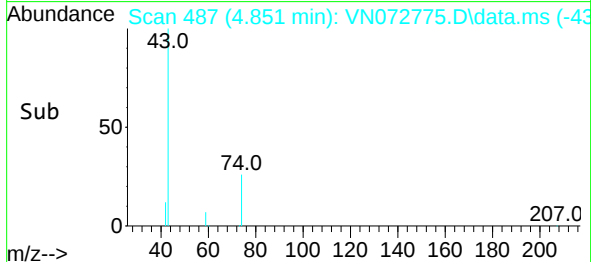
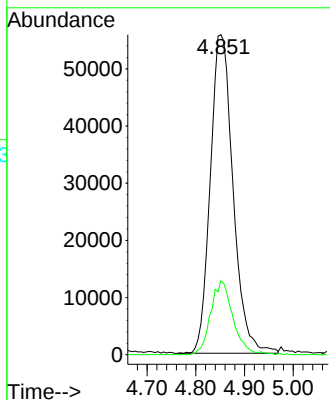
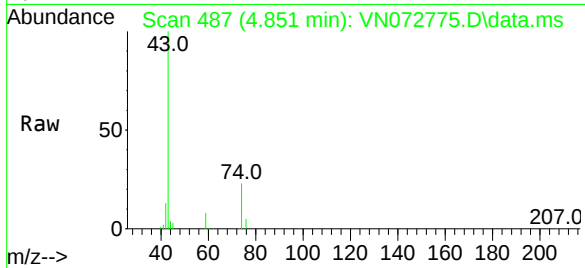




#18
Methyl Acetate
Concen: 30.518 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072775.D
Acq: 10 Jun 2022 19:25

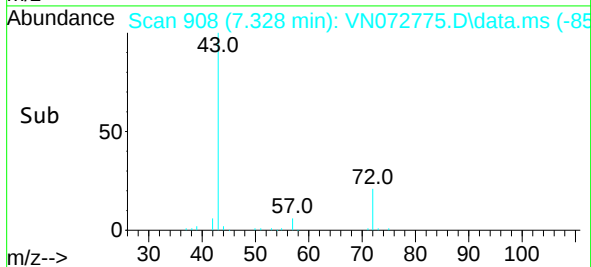
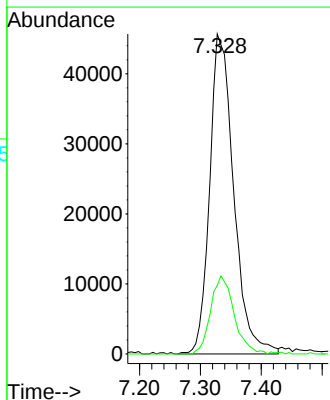
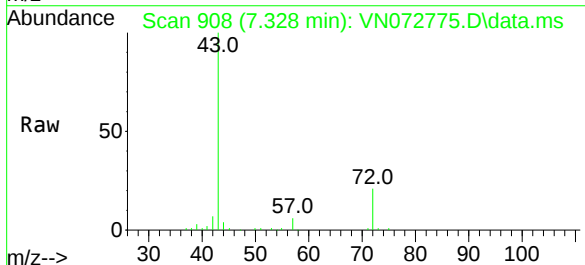
Instrument :
MSVOA_N
ClientSampleId :
30986

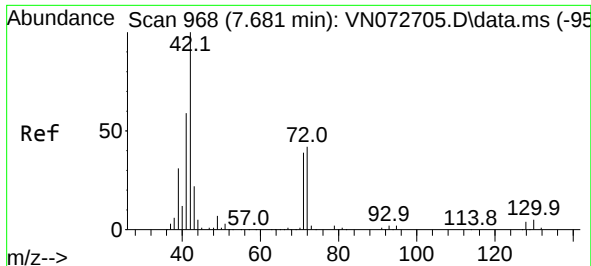
Tgt Ion: 43 Resp: 180772
Ion Ratio Lower Upper
43 100
74 22.5 21.6 32.4



#25
2-Butanone
Concen: 34.207 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072775.D
Acq: 10 Jun 2022 19:25

Tgt Ion: 43 Resp: 125272
Ion Ratio Lower Upper
43 100
72 21.4 23.7 35.5#





#29

Tetrahydrofuran

Concen: 3.843 ug/l

RT: 7.687 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN072775.D

Acq: 10 Jun 2022 19:25

Instrument :

MSVOA_N

ClientSampleId :

30986

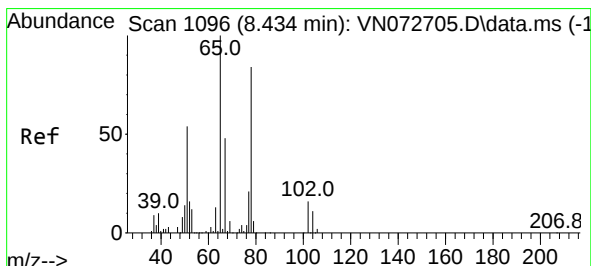
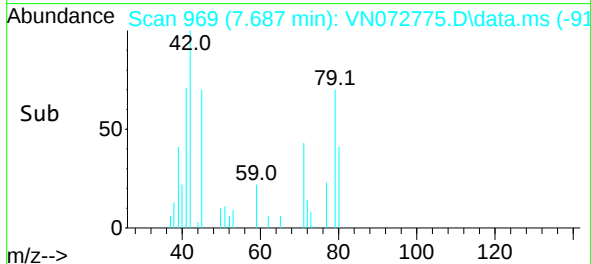
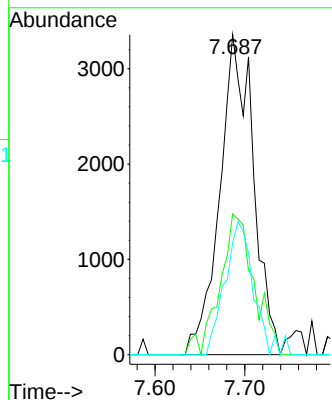
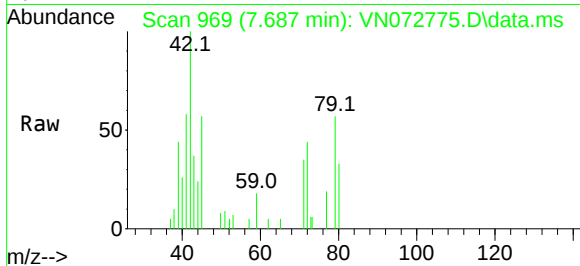
Tgt Ion: 42 Resp: 8696

Ion Ratio Lower Upper

42 100

72 44.9 39.7 59.5

71 35.8 36.6 55.0#



#33

1,2-Dichloroethane-d4

Concen: 52.548 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072775.D

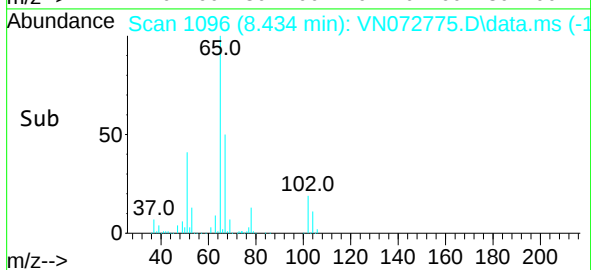
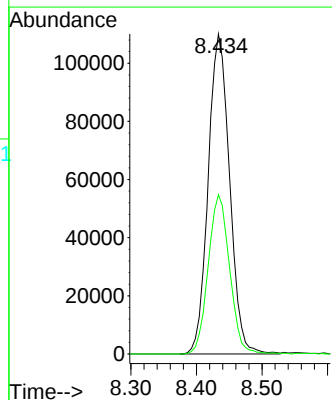
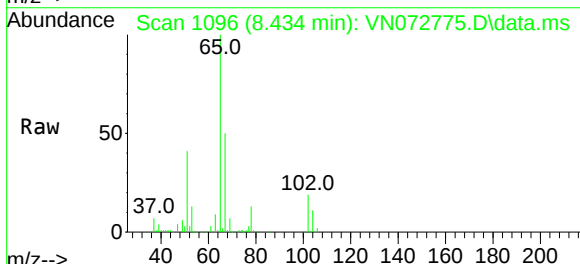
Acq: 10 Jun 2022 19:25

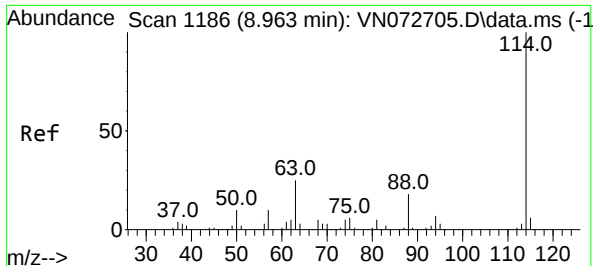
Tgt Ion: 65 Resp: 249661

Ion Ratio Lower Upper

65 100

67 49.7 0.0 104.8

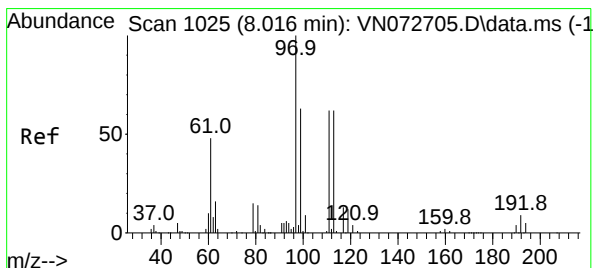
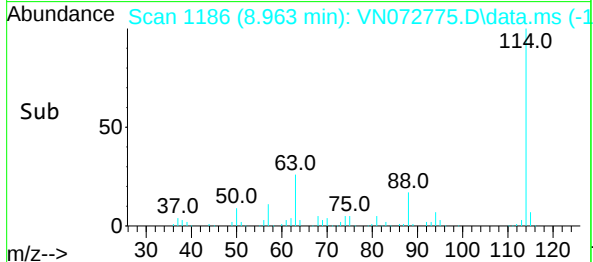
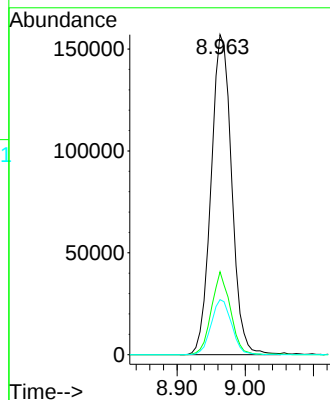
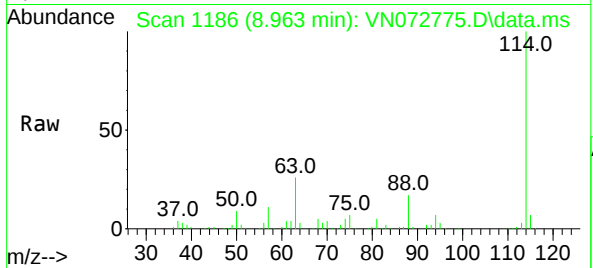




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072775.D
Acq: 10 Jun 2022 19:25

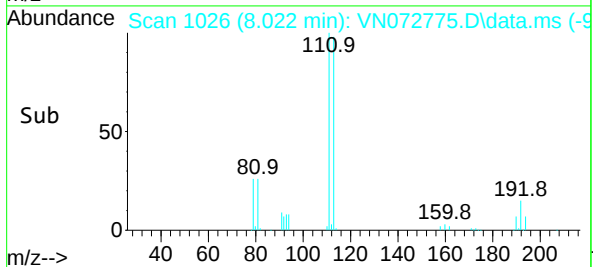
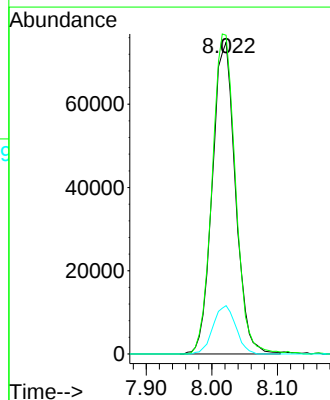
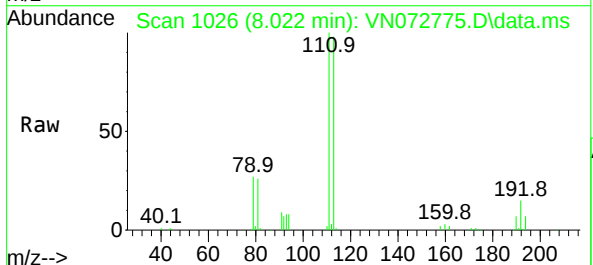
Instrument :
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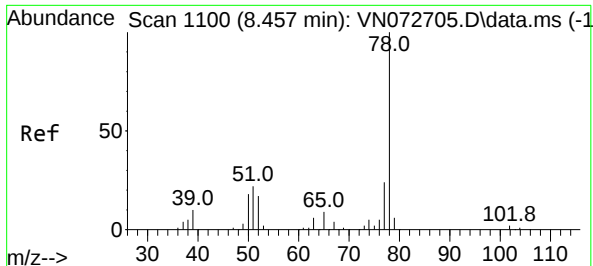
Tgt Ion:114 Resp: 330352
Ion Ratio Lower Upper
114 100
63 25.9 0.0 40.0
88 17.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 55.989 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072775.D
Acq: 10 Jun 2022 19:25

Tgt Ion:113 Resp: 183015
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.0
192 15.3 17.0 25.6#

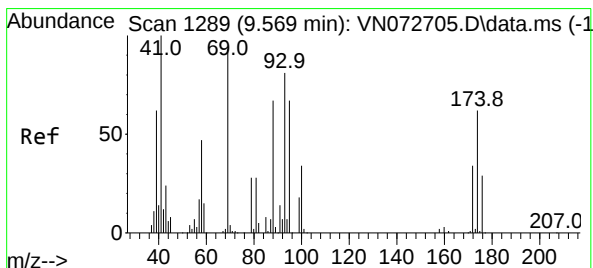
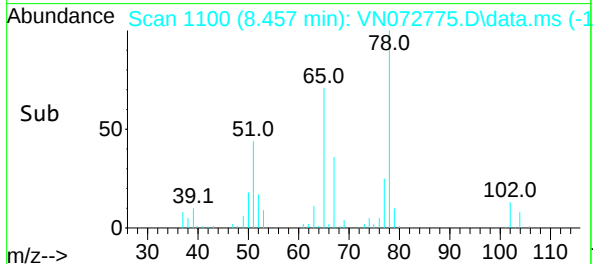
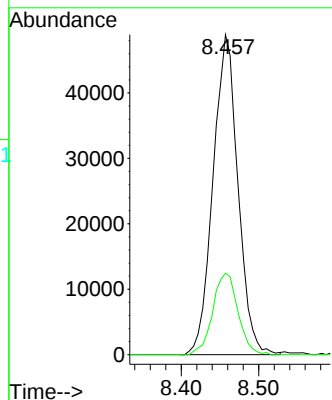
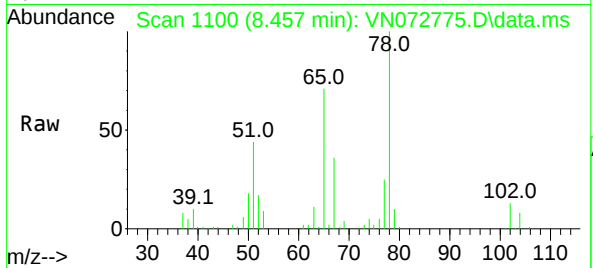




#40
Benzene
Concen: 7.932 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072775.D
Acq: 10 Jun 2022 19:25

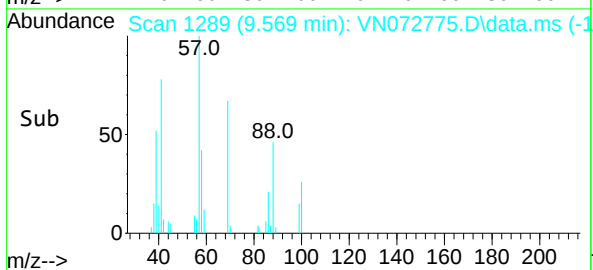
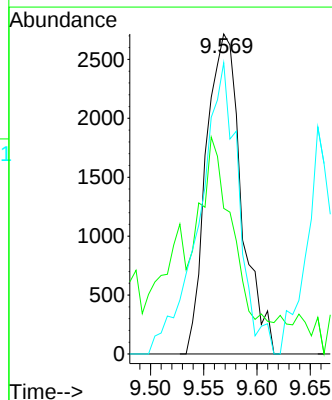
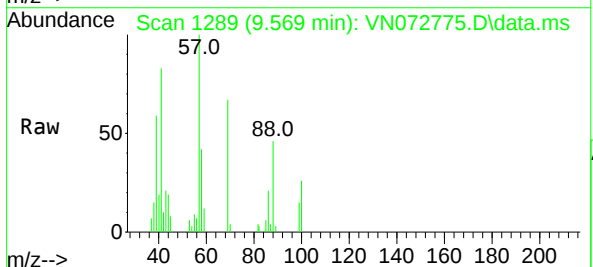
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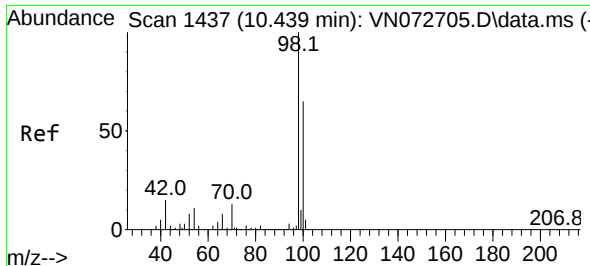
Tgt Ion: 78 Resp: 109209
Ion Ratio Lower Upper
78 100
77 25.5 19.4 29.0



#49
1,4-Dioxane
Concen: 65.712 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. -0.000 min
Lab File: VN072775.D
Acq: 10 Jun 2022 19:25

Tgt Ion: 88 Resp: 6239
Ion Ratio Lower Upper
88 100
43 52.3 20.2 30.4#
58 101.3 54.2 81.4#

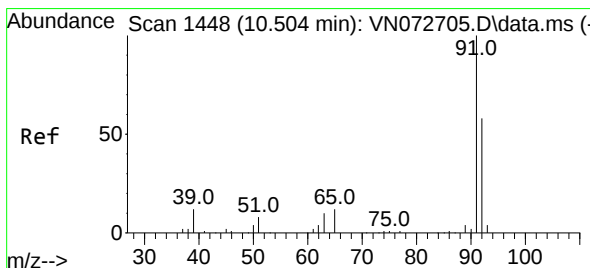
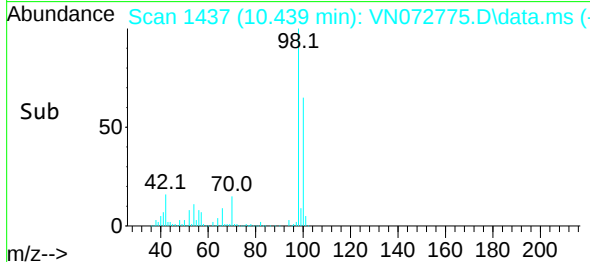
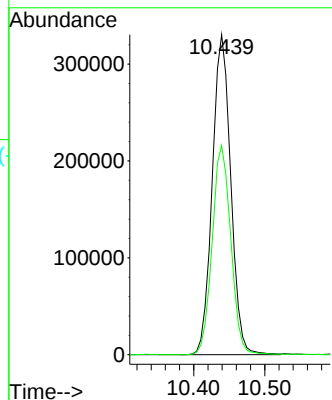
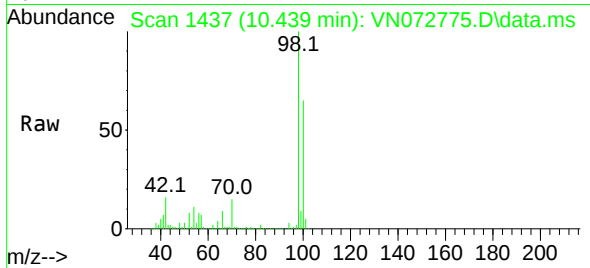




#50
Toluene-d8
Concen: 45.727 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072775.D
Acq: 10 Jun 2022 19:25

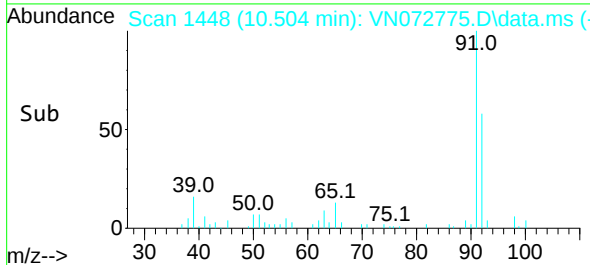
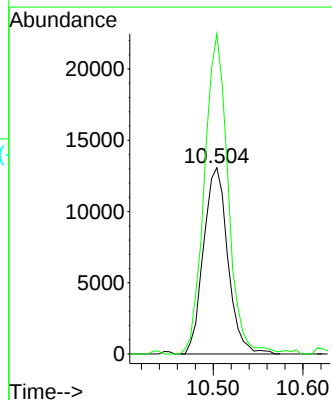
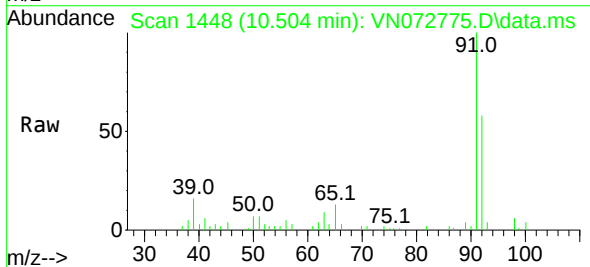
Instrument :
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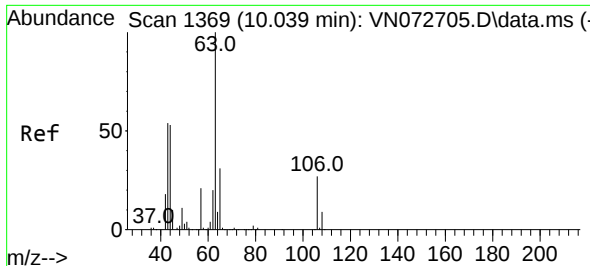
Tgt Ion: 98 Resp: 596358
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#52
Toluene
Concen: 2.858 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072775.D
Acq: 10 Jun 2022 19:25

Tgt Ion: 92 Resp: 24571
Ion Ratio Lower Upper
92 100
91 167.2 138.6 207.8

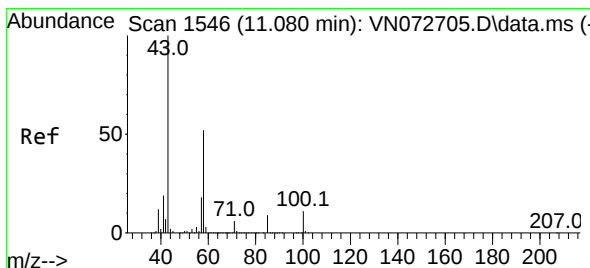
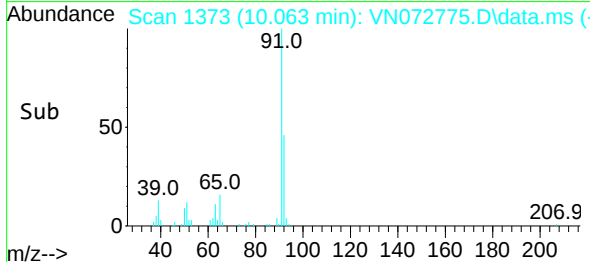
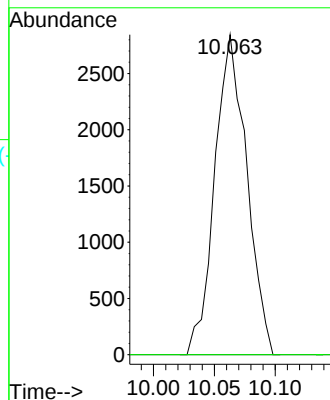
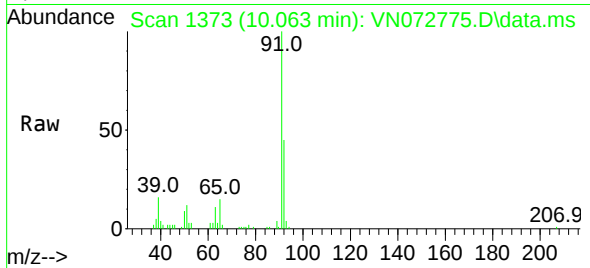




#58
2-Chloroethyl Vinyl ether
Concen: 1.990 ug/l
RT: 10.063 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN072775.D
Acq: 10 Jun 2022 19:25

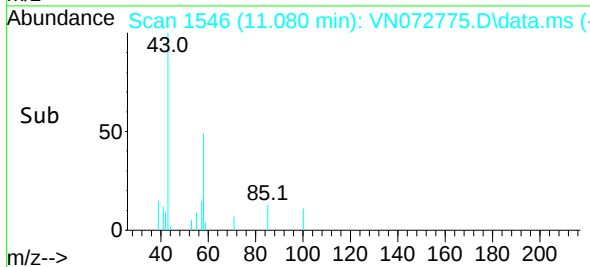
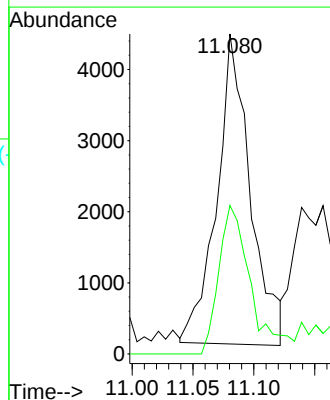
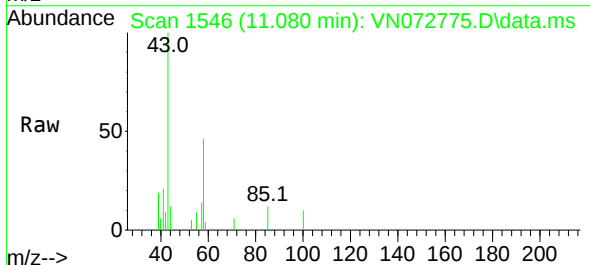
Instrument :
MSVOA_N
ClientSampleId :
30986

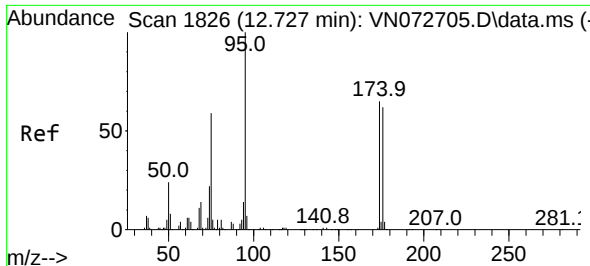
Tgt Ion: 63 Resp: 5203
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 1.591 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072775.D
Acq: 10 Jun 2022 19:25

Tgt Ion: 43 Resp: 8366
Ion Ratio Lower Upper
43 100
58 44.8 29.7 89.1

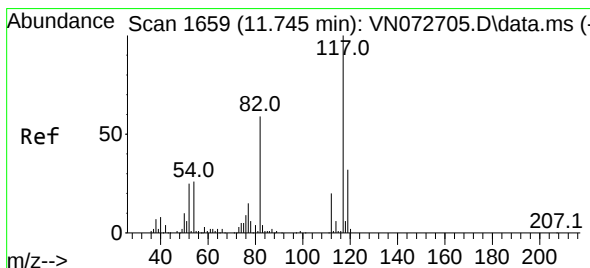
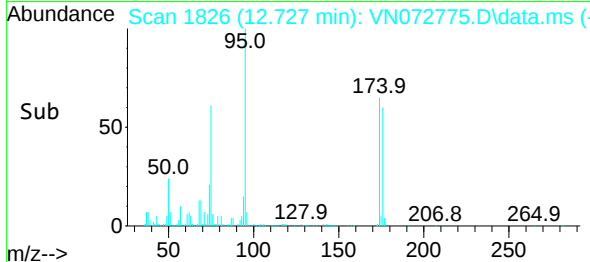
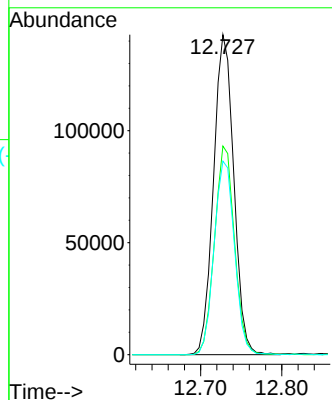
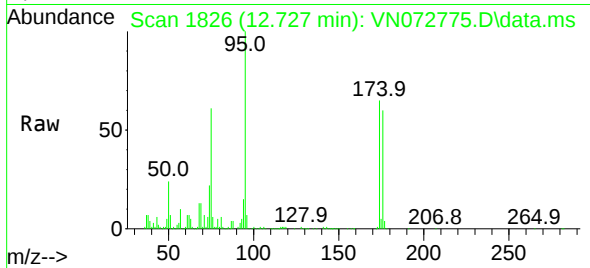




#62
4-Bromofluorobenzene
Concen: 55.443 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072775.D
Acq: 10 Jun 2022 19:25

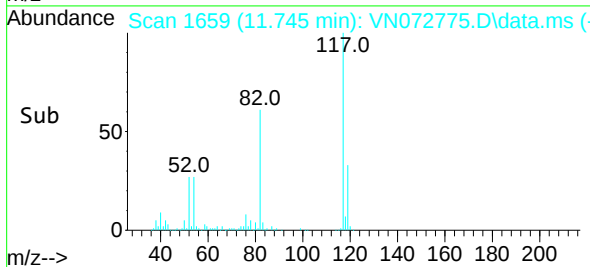
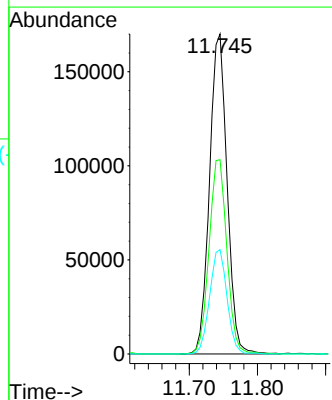
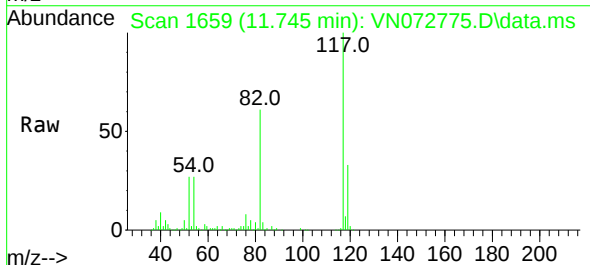
Instrument :
MSVOA_N
ClientSampleId :
30986

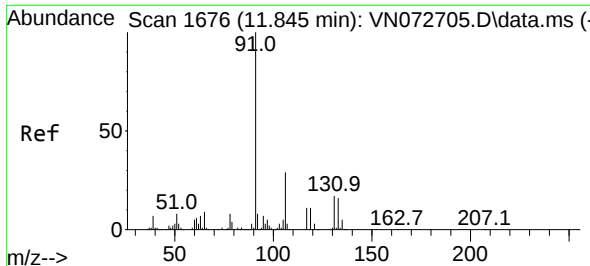
Tgt Ion: 95 Resp: 248121
Ion Ratio Lower Upper
95 100
174 64.2 0.0 167.6
176 60.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VN072775.D
Acq: 10 Jun 2022 19:25

Tgt Ion: 117 Resp: 304442
Ion Ratio Lower Upper
117 100
82 60.7 44.2 66.2
119 32.6 25.4 38.0

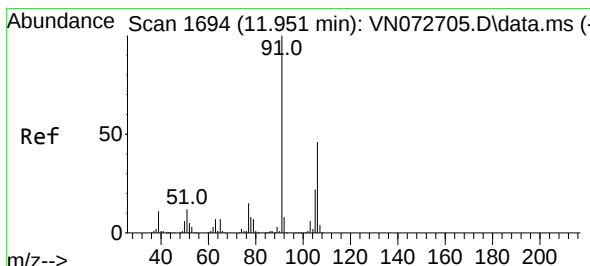
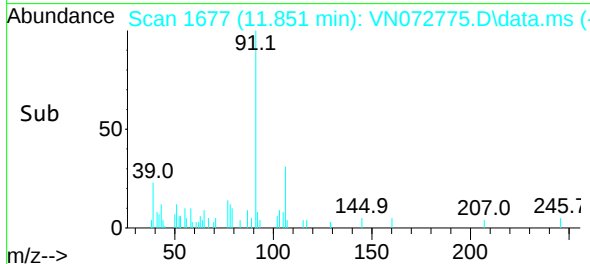
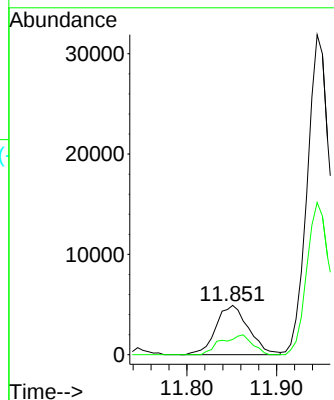
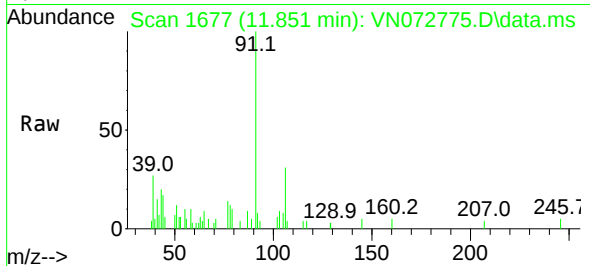




#67
Ethyl Benzene
Concen: 0.816 ug/l
RT: 11.851 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VN072775.D
Acq: 10 Jun 2022 19:25

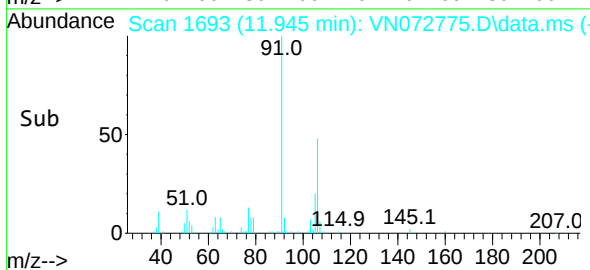
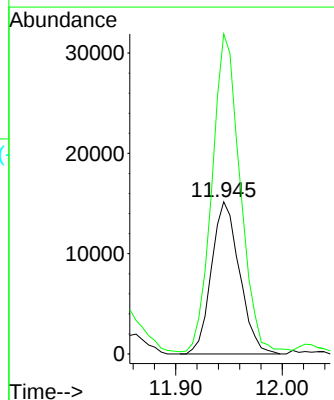
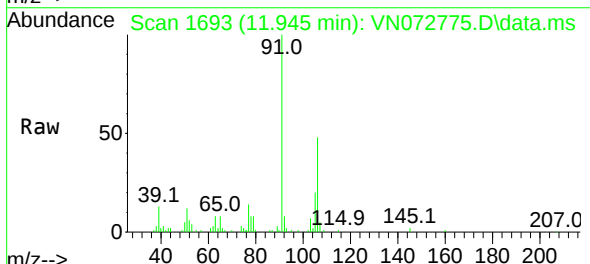
Instrument :
MSVOA_N
ClientSampleId :
30986

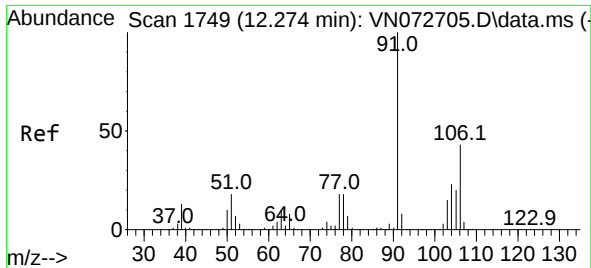
Tgt Ion: 91 Resp: 12443
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3



#68
m/p-Xylenes
Concen: 5.114 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072775.D
Acq: 10 Jun 2022 19:25

Tgt Ion: 106 Resp: 27725
Ion Ratio Lower Upper
106 100
91 208.1 158.9 238.3

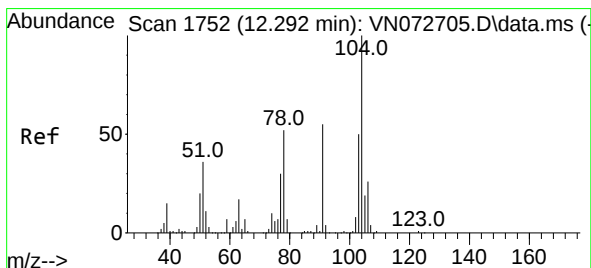
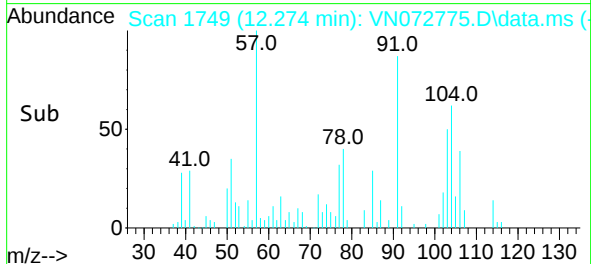
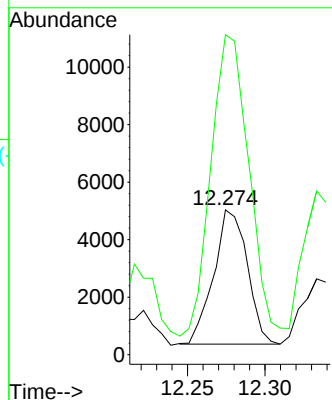
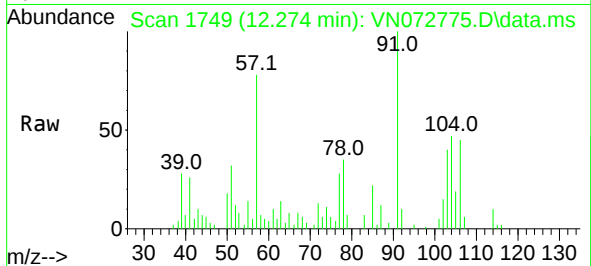




#69
o-Xylene
Concen: 1.289 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072775.D
Acq: 10 Jun 2022 19:25

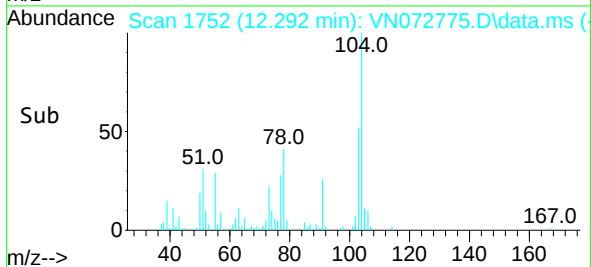
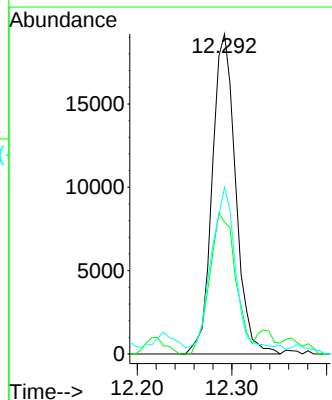
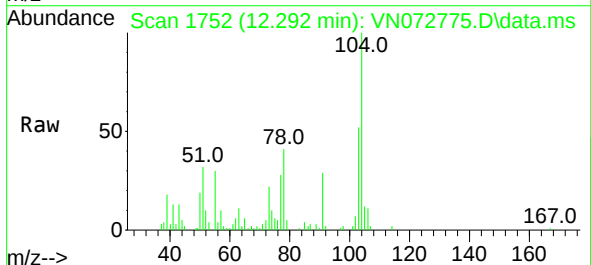
Instrument :
MSVOA_N
ClientSampleId :
30986

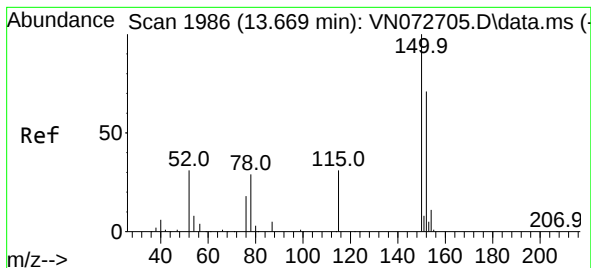
Tgt Ion:106 Resp: 7024
Ion Ratio Lower Upper
106 100
91 292.0 106.0 318.0



#70
Styrene
Concen: 3.848 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072775.D
Acq: 10 Jun 2022 19:25

Tgt Ion:104 Resp: 32959
Ion Ratio Lower Upper
104 100
78 48.8 39.5 59.3
103 51.9 44.0 66.0

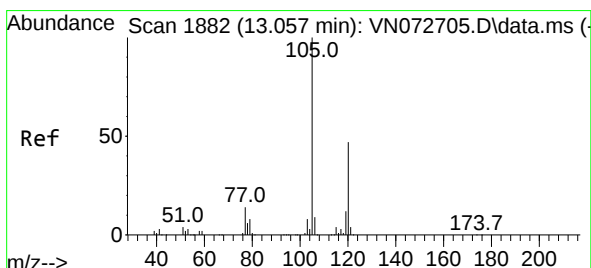
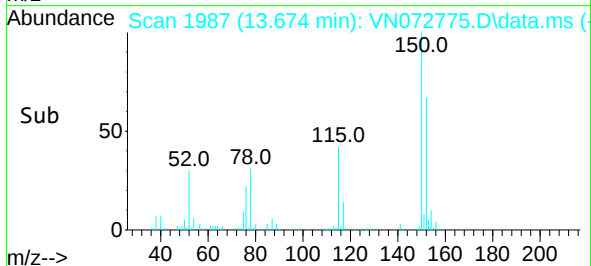
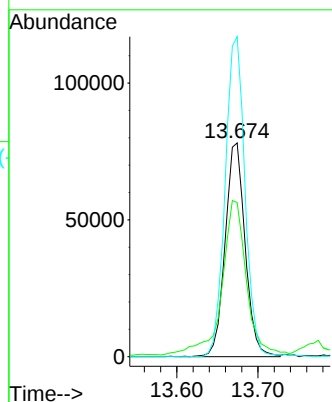
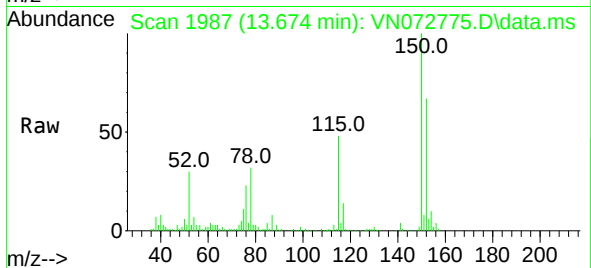




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1986
 Delta R.T. 0.005 min
 Lab File: VN072775.D
 Acq: 10 Jun 2022 19:25

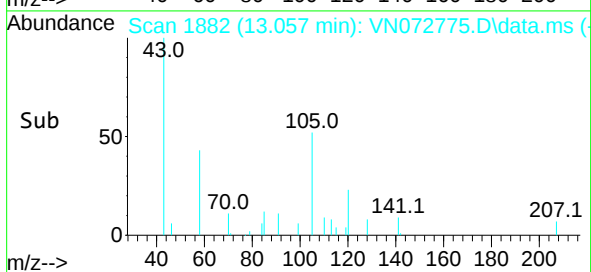
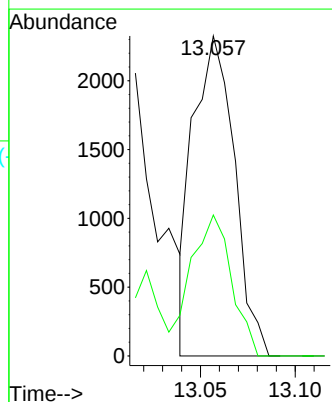
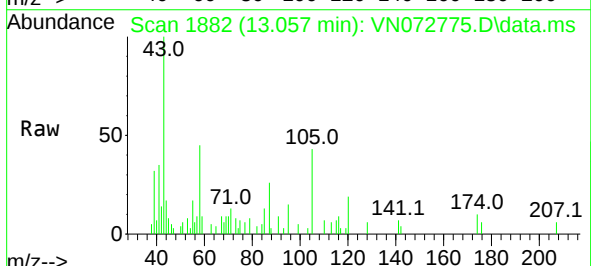
Instrument :
 MSVOA_N
 ClientSampleId :
 30986

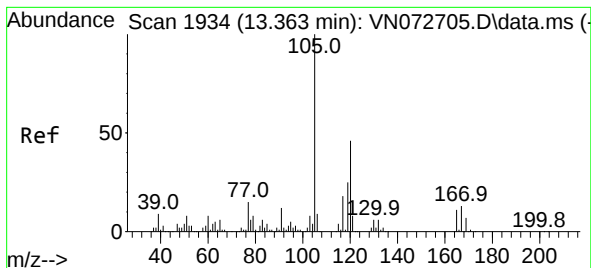
Tgt Ion:152 Resp: 133856
 Ion Ratio Lower Upper
 152 100
 115 87.7 28.9 86.7#
 150 148.9 0.0 356.2



#80
 1,3,5-Trimethylbenzene
 Concen: 0.309 ug/l
 RT: 13.057 min Scan# 1882
 Delta R.T. -0.000 min
 Lab File: VN072775.D
 Acq: 10 Jun 2022 19:25

Tgt Ion:105 Resp: 3511
 Ion Ratio Lower Upper
 105 100
 120 43.5 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 2.494 ug/l

RT: 13.369 min Scan# 1934

Delta R.T. 0.006 min

Lab File: VN072775.D

Acq: 10 Jun 2022 19:25

Instrument :

MSVOA_N

ClientSampleId :

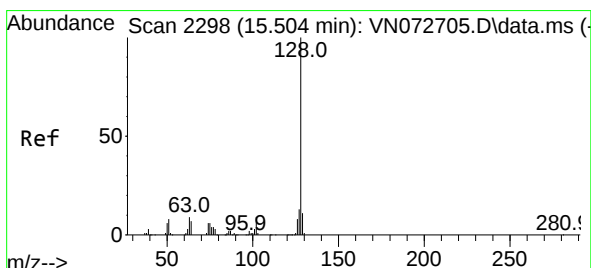
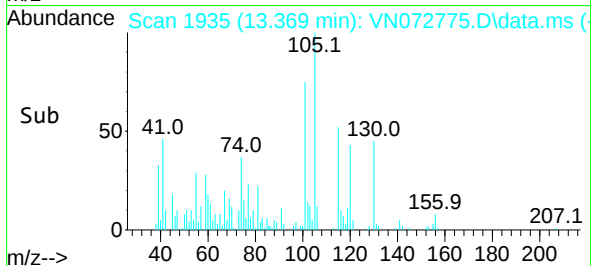
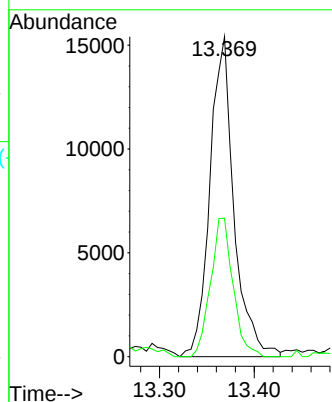
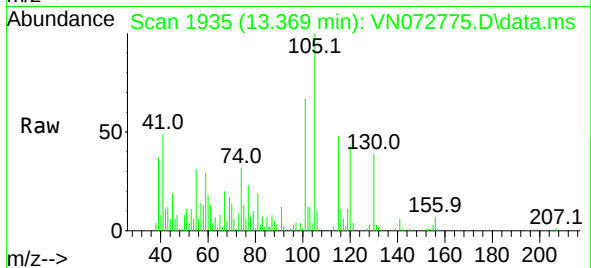
30986

Tgt Ion:105 Resp: 27144

Ion Ratio Lower Upper

105 100

120 40.5 23.3 69.8



#95

Naphthalene

Concen: 11.866 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VN072775.D

Acq: 10 Jun 2022 19:25

Tgt Ion:128 Resp: 104362

Ion Ratio Lower Upper

128 100

127 15.1 10.3 15.5

129 12.1 8.6 13.0

