

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061022\
 Data File : VN072776.D
 Acq On : 10 Jun 2022 19:50
 Operator : JC\MD
 Sample : N3293-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 52322-A

Quant Time: Jun 11 01:56:42 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)

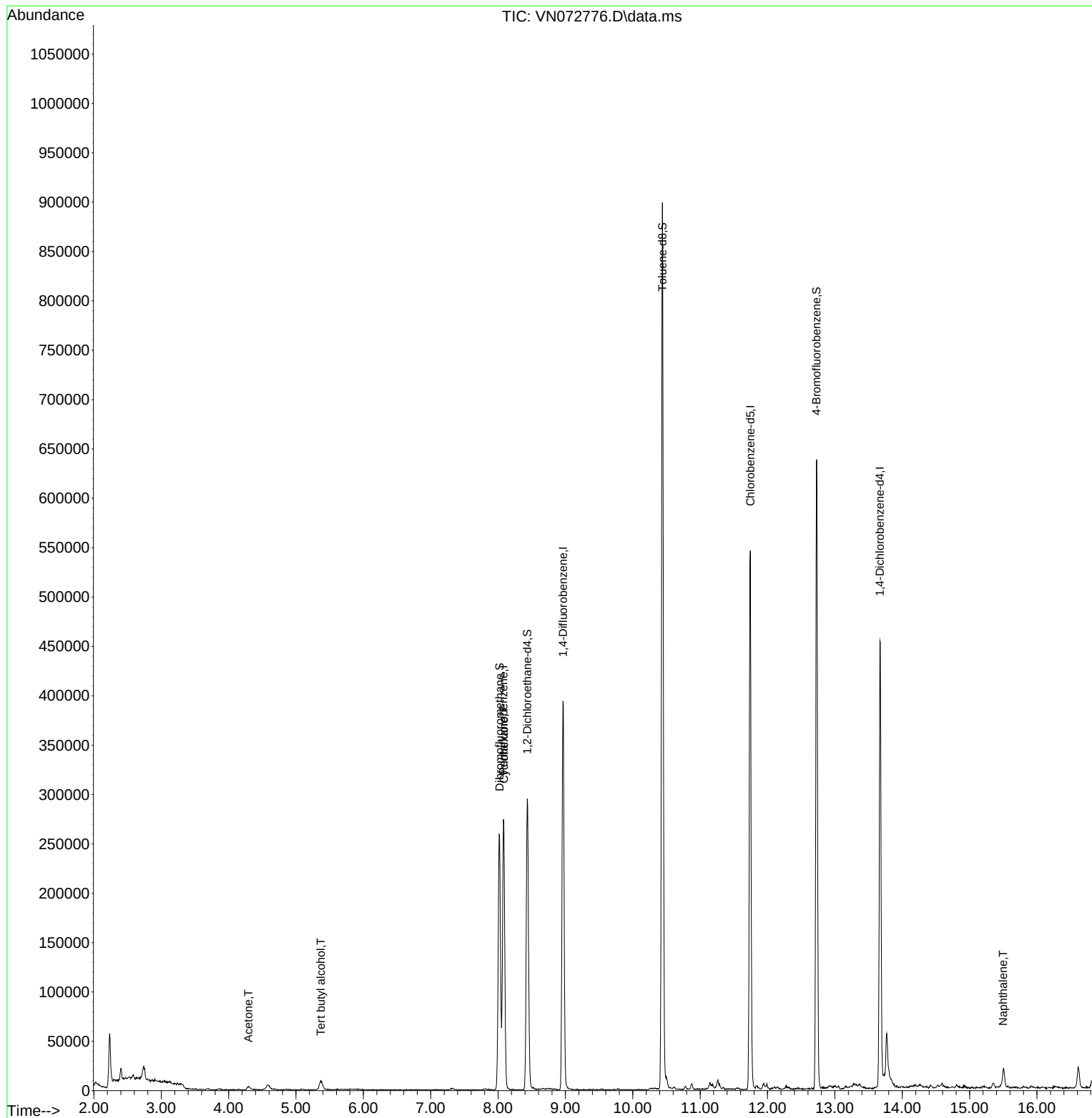
Internal Standards						
1) Pentafluorobenzene	8.081	168	171635	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	324934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	285675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	108330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	250775	54.439	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.880%	
35) Dibromofluoromethane	8.022	113	183198	56.979	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 113.960%	
50) Toluene-d8	10.439	98	584544	45.568	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 91.140%	
62) 4-Bromofluorobenzene	12.727	95	222744	50.602	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.369	59	15480	14.087	ug/l	96
16) Acetone	4.293	43	7170	3.248	ug/l	# 79
31) Cyclohexane	8.086	56	13360	2.058	ug/l	# 62
95) Naphthalene	15.498	128	18870	2.651	ug/l	97

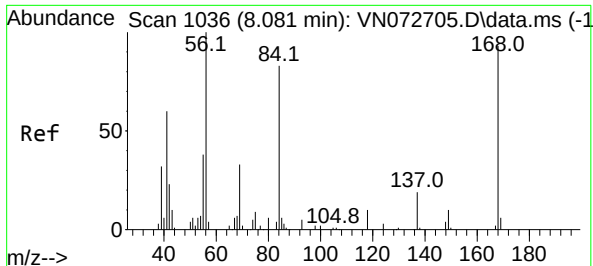
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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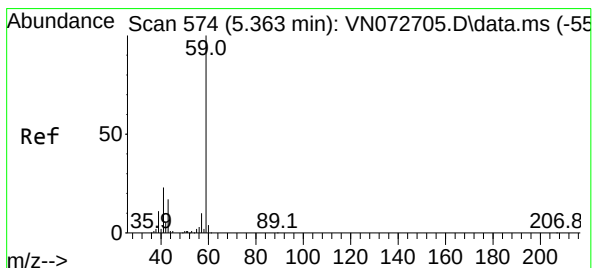
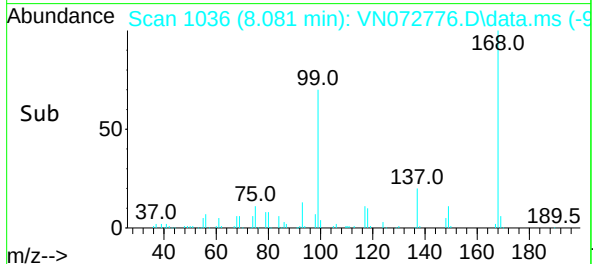
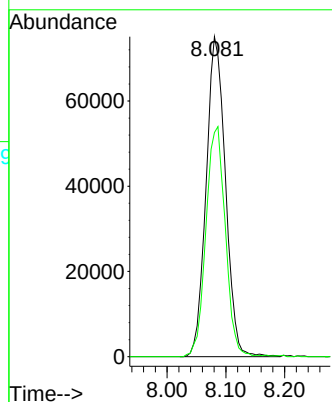
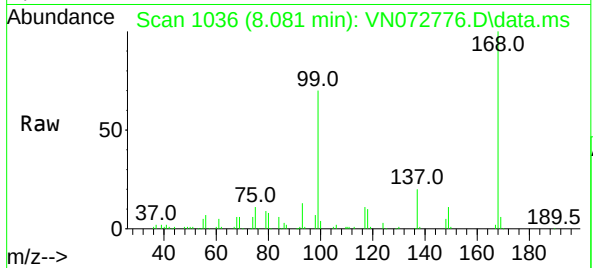




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072776.D
Acq: 10 Jun 2022 19:50

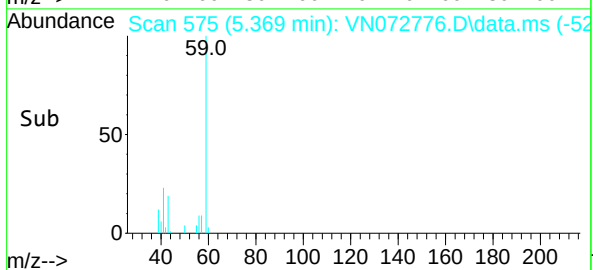
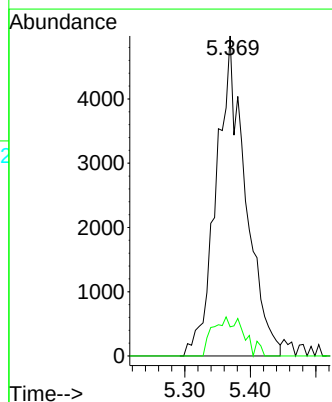
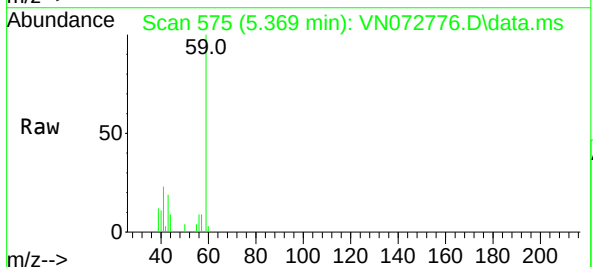
Instrument :
MSVOA_N
ClientSampleId :
52322-A

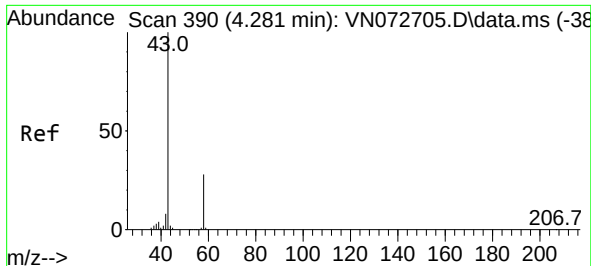
Tgt Ion:168 Resp: 171635
Ion Ratio Lower Upper
168 100
99 70.0 42.3 63.5#



#11
Tert butyl alcohol
Concen: 14.087 ug/l
RT: 5.369 min Scan# 575
Delta R.T. 0.006 min
Lab File: VN072776.D
Acq: 10 Jun 2022 19:50

Tgt Ion: 59 Resp: 15480
Ion Ratio Lower Upper
59 100
57 11.9 8.3 12.5

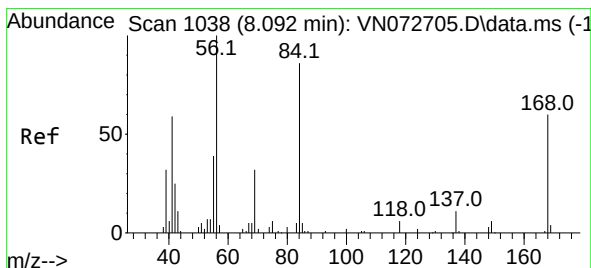
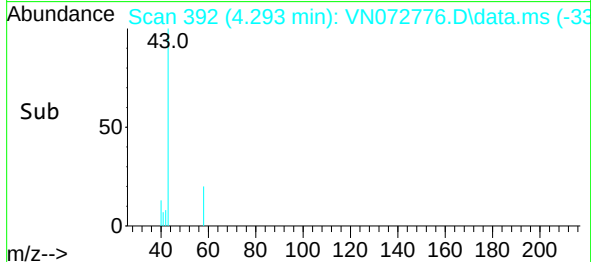
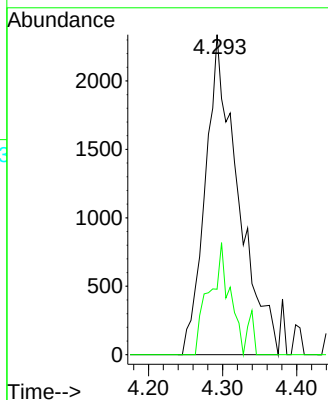
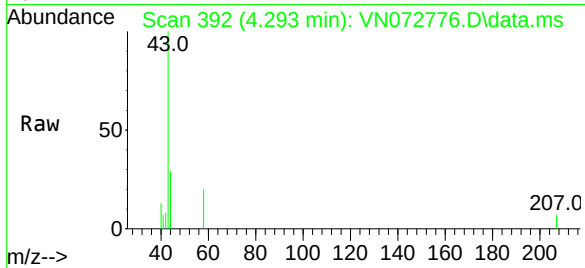




#16
Acetone
Concen: 3.248 ug/l
RT: 4.293 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072776.D
Acq: 10 Jun 2022 19:50

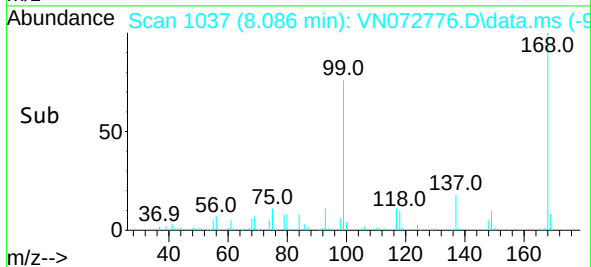
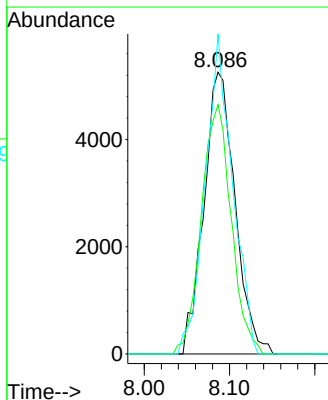
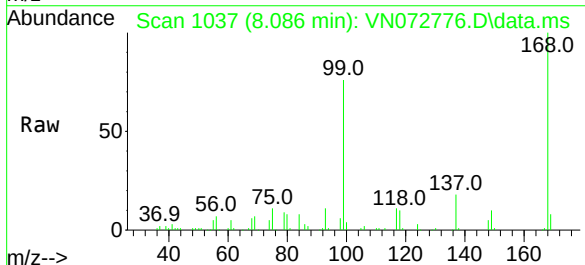
Instrument :
MSVOA_N
ClientSampleId :
52322-A

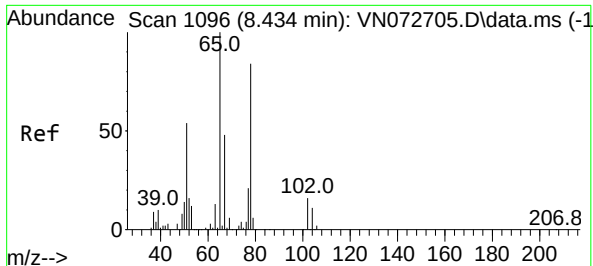
Tgt Ion: 43 Resp: 7170
Ion Ratio Lower Upper
43 100
58 20.4 26.0 39.0#



#31
Cyclohexane
Concen: 2.058 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072776.D
Acq: 10 Jun 2022 19:50

Tgt Ion: 56 Resp: 13360
Ion Ratio Lower Upper
56 100
69 88.5 27.8 41.8#
84 113.6 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 54.439 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.001 min

Lab File: VN072776.D

Acq: 10 Jun 2022 19:50

Instrument :

MSVOA_N

ClientSampleId :

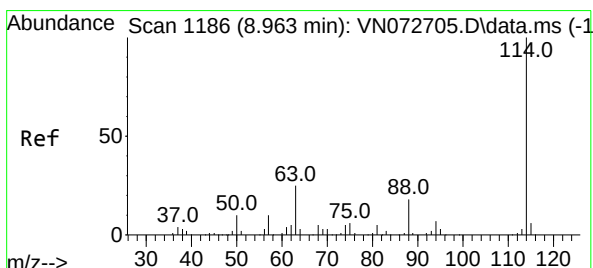
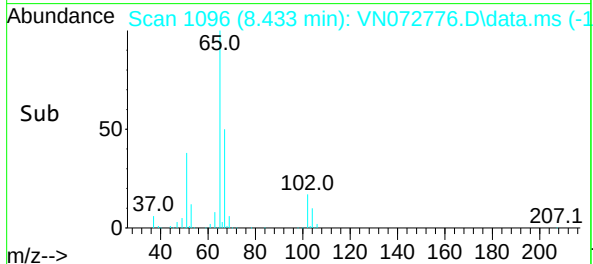
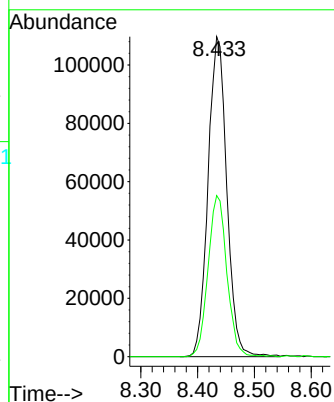
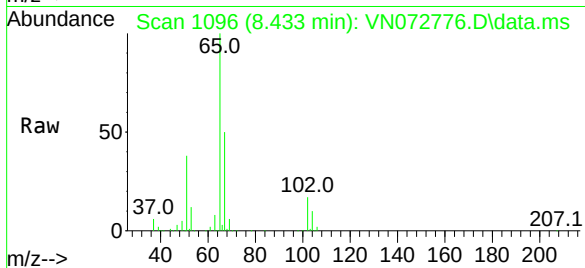
52322-A

Tgt Ion: 65 Resp: 250775

Ion Ratio Lower Upper

65 100

67 50.7 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: VN072776.D

Acq: 10 Jun 2022 19:50

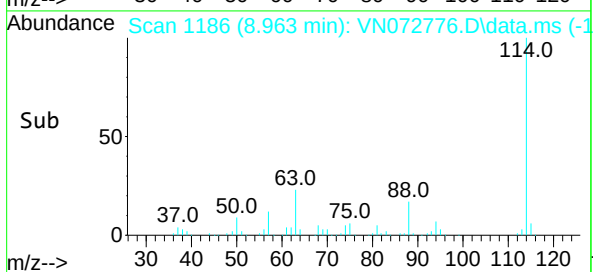
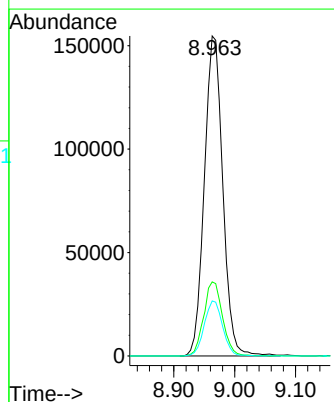
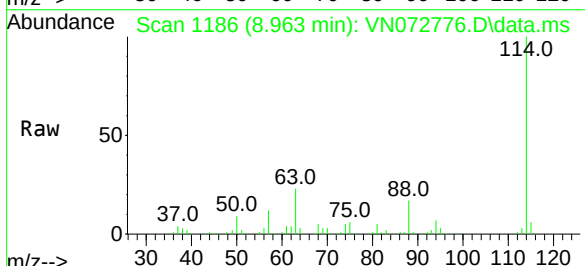
Tgt Ion: 114 Resp: 324934

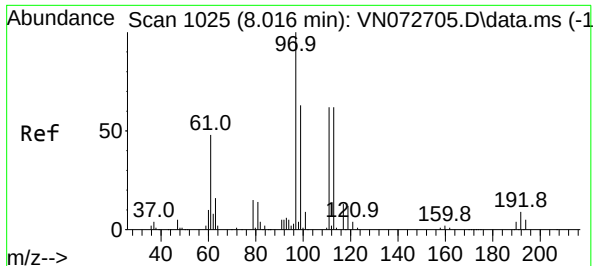
Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

88 17.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 56.979 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072776.D

Acq: 10 Jun 2022 19:50

Instrument :

MSVOA_N

ClientSampleId :

52322-A

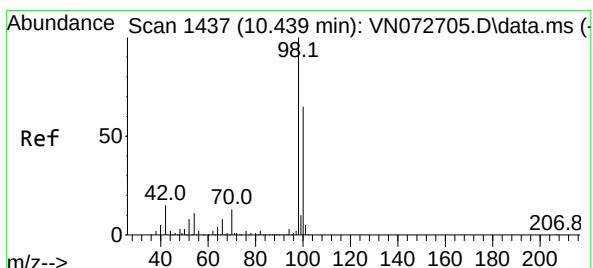
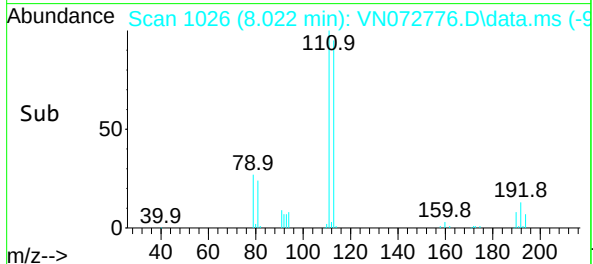
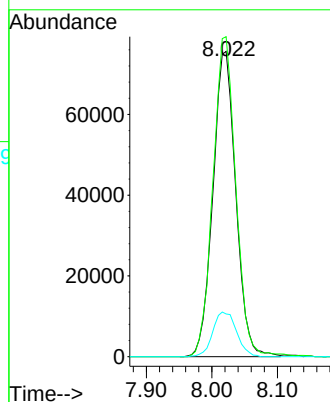
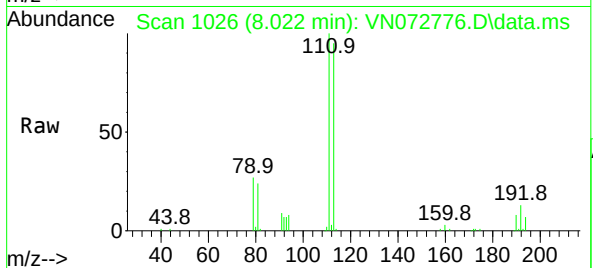
Tgt Ion:113 Resp: 183198

Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.0

192 15.2 17.0 25.6#



#50

Toluene-d8

Concen: 45.568 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072776.D

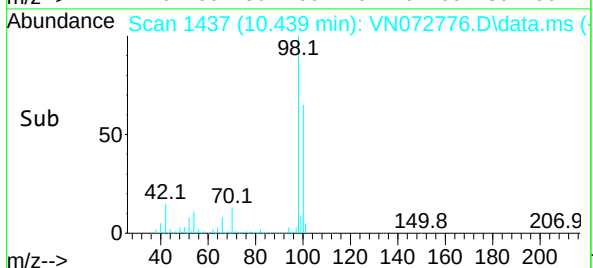
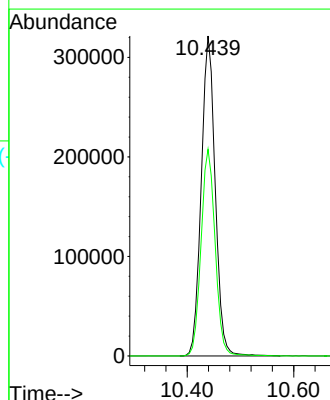
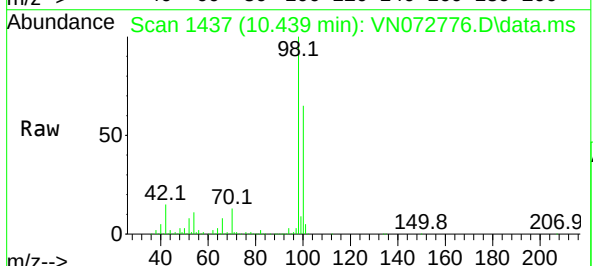
Acq: 10 Jun 2022 19:50

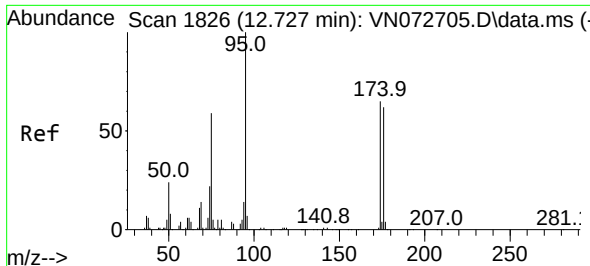
Tgt Ion: 98 Resp: 584544

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8

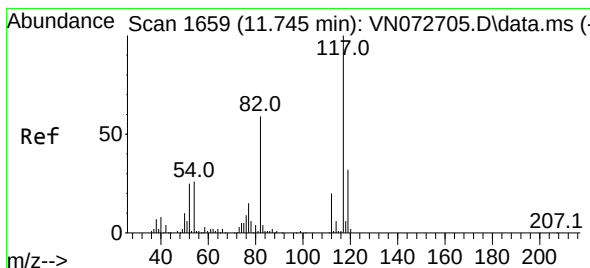
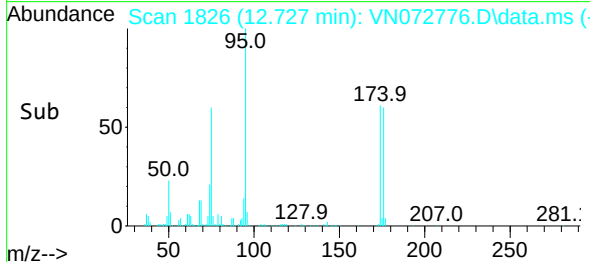
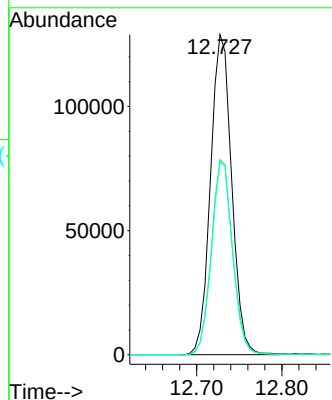
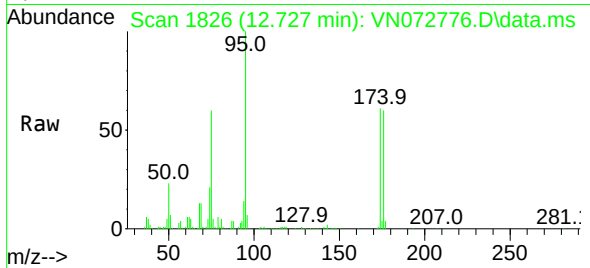




#62
4-Bromofluorobenzene
Concen: 50.602 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072776.D
Acq: 10 Jun 2022 19:50

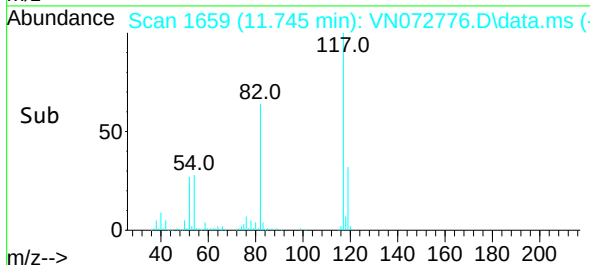
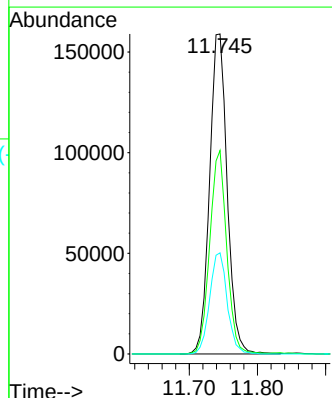
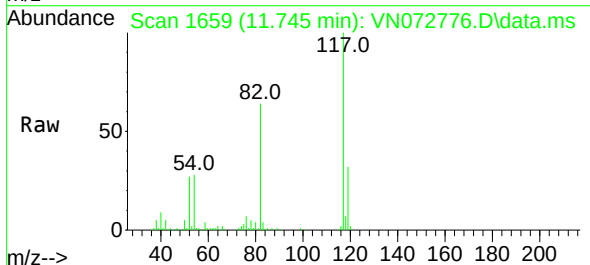
Instrument :
MSVOA_N
ClientSampleId :
52322-A

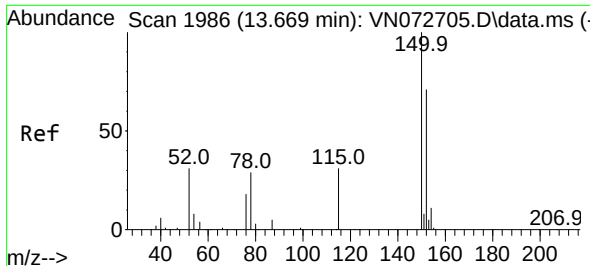
Tgt Ion: 95 Resp: 222744
Ion Ratio Lower Upper
95 100
174 61.2 0.0 167.6
176 59.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VN072776.D
Acq: 10 Jun 2022 19:50

Tgt Ion: 117 Resp: 285675
Ion Ratio Lower Upper
117 100
82 63.6 44.2 66.2
119 31.6 25.4 38.0

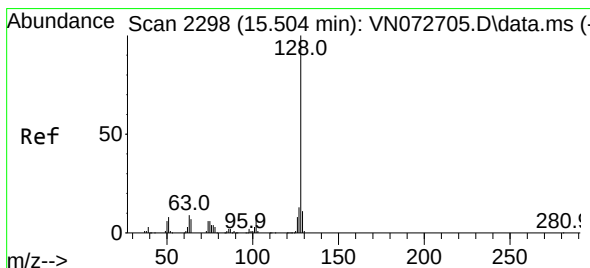
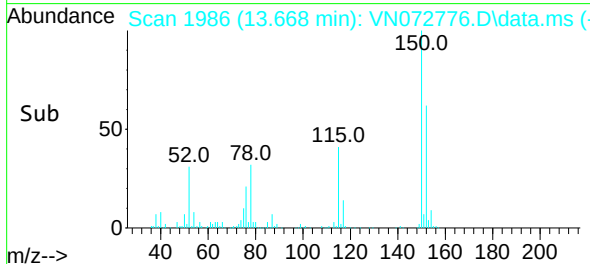
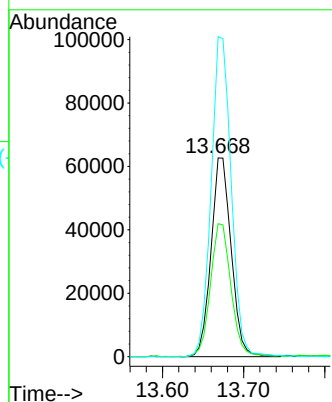
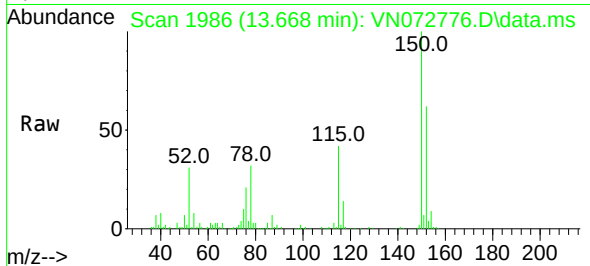




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072776.D
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Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:152 Resp: 108330
Ion Ratio Lower Upper
152 100
115 68.3 28.9 86.7
150 160.2 0.0 356.2



#95
Naphthalene
Concen: 2.651 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VN072776.D
Acq: 10 Jun 2022 19:50

Tgt Ion:128 Resp: 18870
Ion Ratio Lower Upper
128 100
127 14.7 10.3 15.5
129 11.1 8.6 13.0

