

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110221\
 Data File : VN069344.D
 Acq On : 2 Nov 2021 13:25
 Operator : JC/MD
 Sample : M4438-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 D20211101

Quant Time: Nov 03 00:47:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

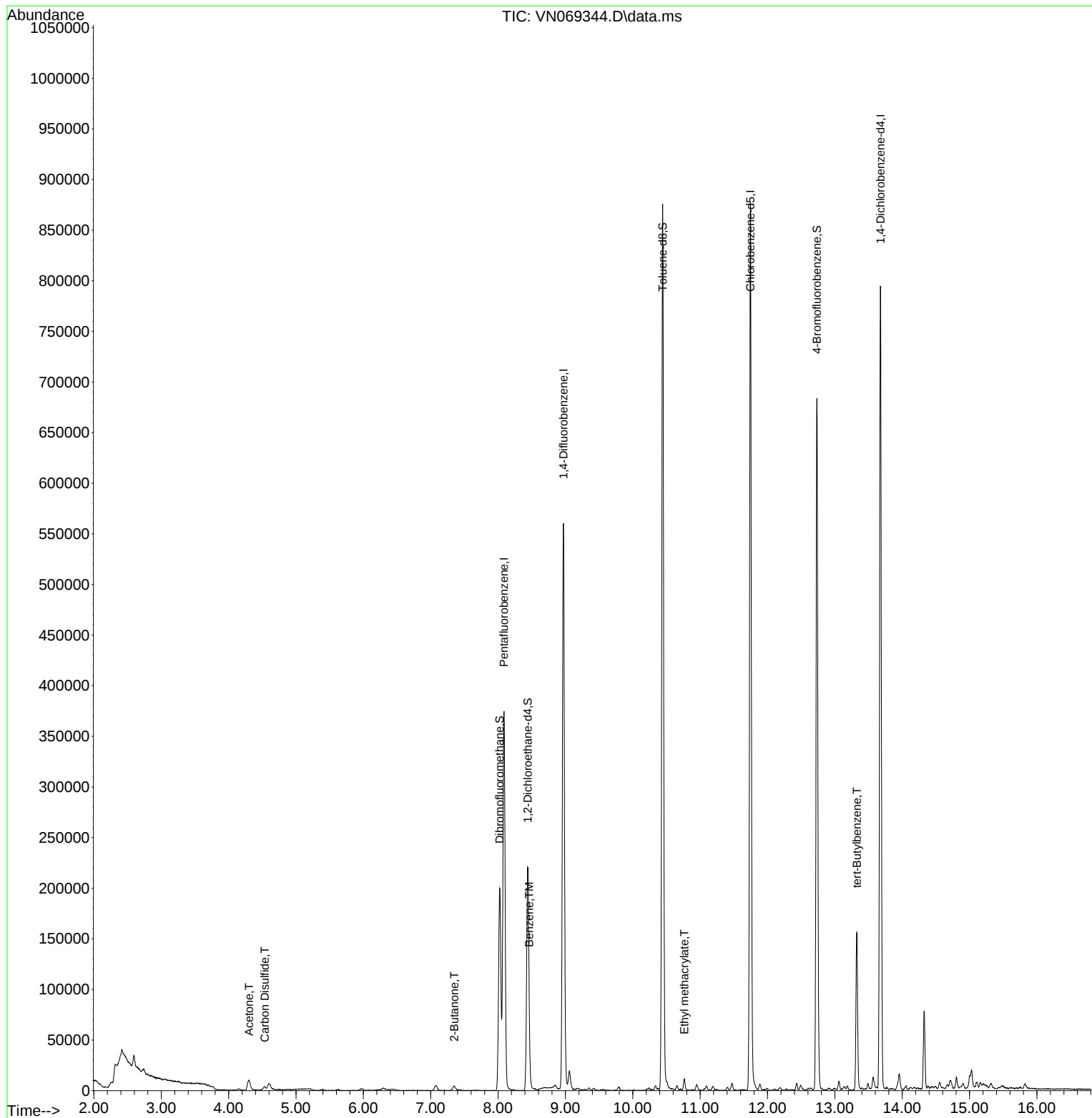
Internal Standards						
1) Pentafluorobenzene	8.088	168	279258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	505479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	516417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	214425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	194716	48.302	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.600%
35) Dibromofluoromethane	8.024	113	148193	47.031	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.060%
50) Toluene-d8	10.443	98	634336	50.350	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.733	95	248280	52.224	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.440%
Target Compounds						
					Qvalue	
16) Acetone	4.301	43	20717	12.062	ug/l	96
17) Carbon Disulfide	4.537	76	9183	1.373	ug/l	98
25) 2-Butanone	7.351	43	7023	4.285	ug/l	98
40) Benzene	8.461	78	6356	0.485	ug/l	95
56) Ethyl methacrylate	10.765	69	6065	2.609	ug/l	89
83) tert-Butylbenzene	13.326	119	76064	5.826	ug/l	98

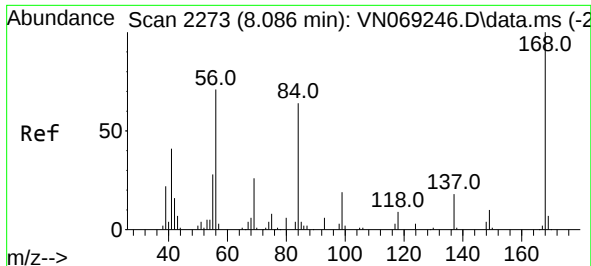
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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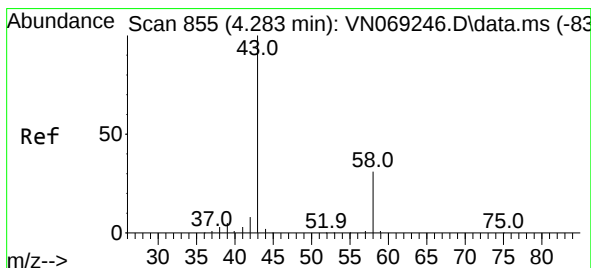
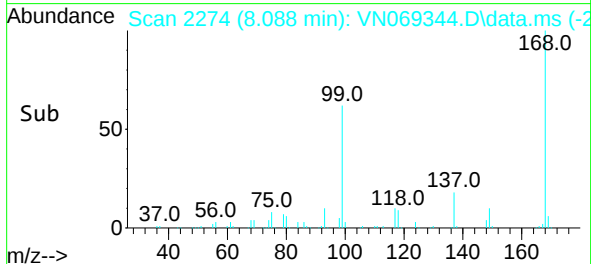
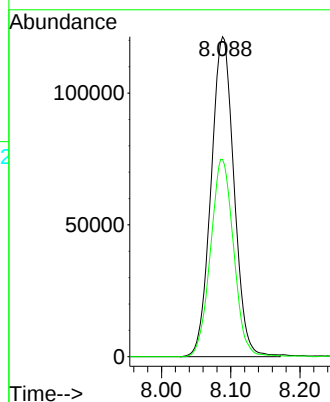
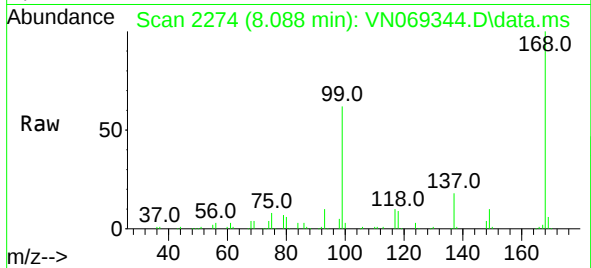




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069344.D
Acq: 2 Nov 2021 13:25

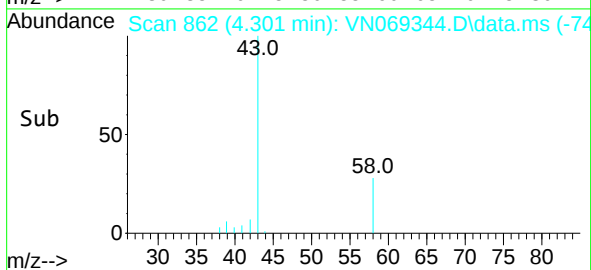
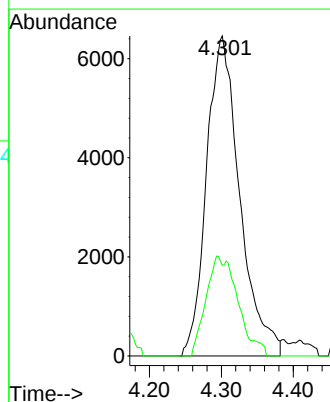
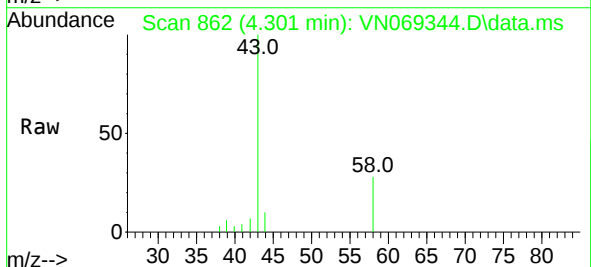
Instrument :
MSVOA_N
ClientSampleId :
D20211101

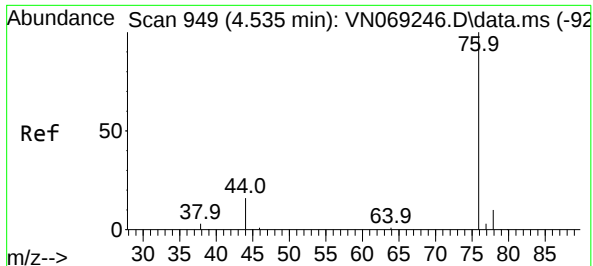
Tgt Ion:168 Resp: 279258
Ion Ratio Lower Upper
168 100
99 61.6 48.9 73.3



#16
Acetone
Concen: 12.062 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.018 min
Lab File: VN069344.D
Acq: 2 Nov 2021 13:25

Tgt Ion: 43 Resp: 20717
Ion Ratio Lower Upper
43 100
58 28.3 24.5 36.7

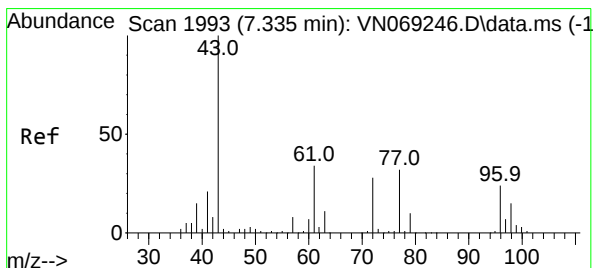
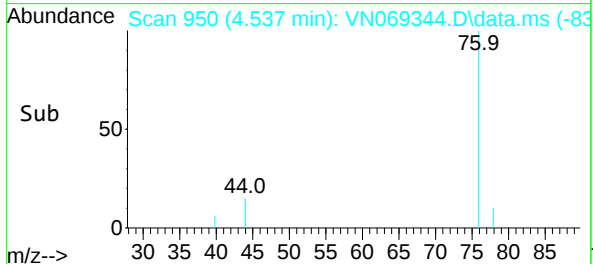
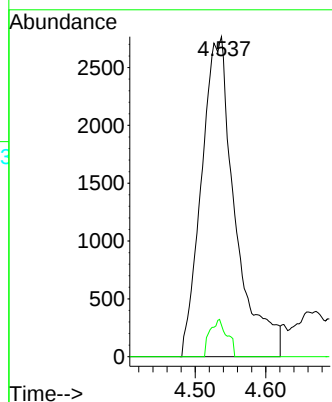
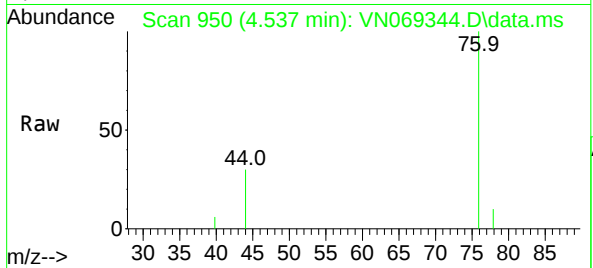




#17
Carbon Disulfide
Concen: 1.373 ug/l
RT: 4.537 min Scan# 91
Delta R.T. 0.002 min
Lab File: VN069344.D
Acq: 2 Nov 2021 13:25

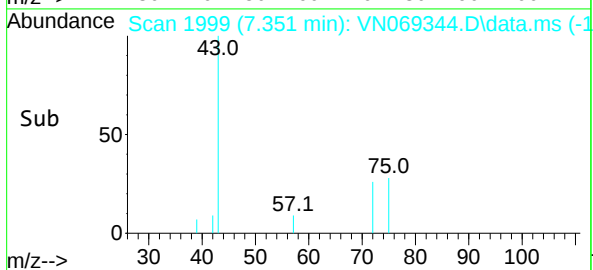
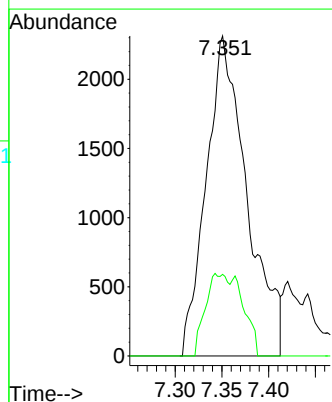
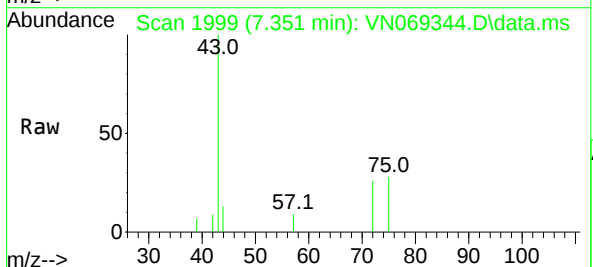
Instrument :
MSVOA_N
ClientSampleId :
D20211101

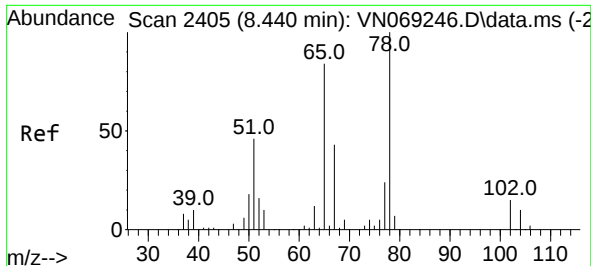
Tgt Ion: 76 Resp: 9183
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8



#25
2-Butanone
Concen: 4.285 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.016 min
Lab File: VN069344.D
Acq: 2 Nov 2021 13:25

Tgt Ion: 43 Resp: 7023
Ion Ratio Lower Upper
43 100
72 25.5 21.2 31.8

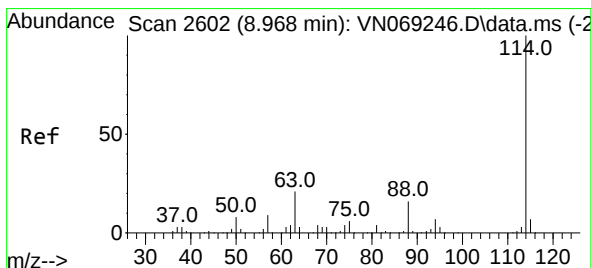
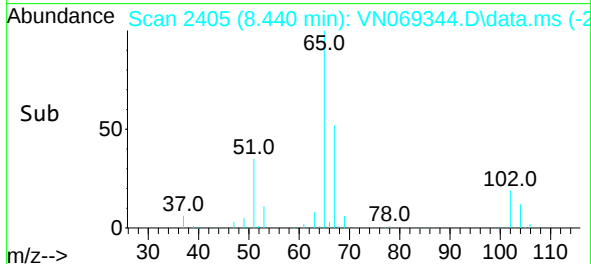
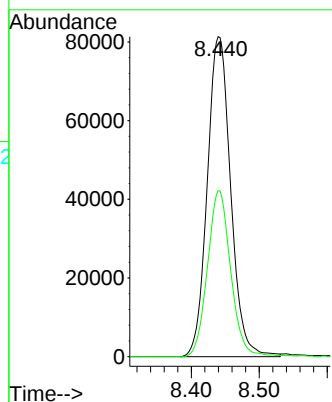
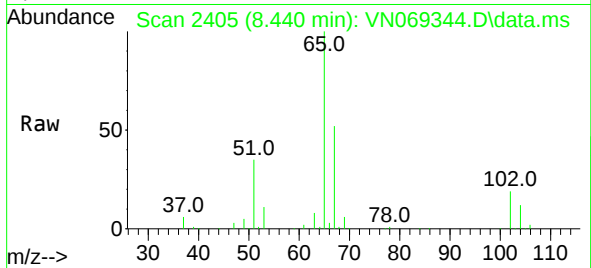




#33
 1,2-Dichloroethane-d4
 Concen: 48.302 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069344.D
 Acq: 2 Nov 2021 13:25

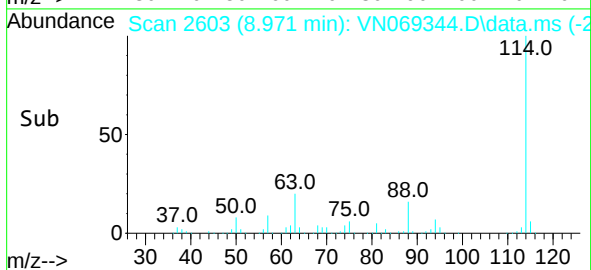
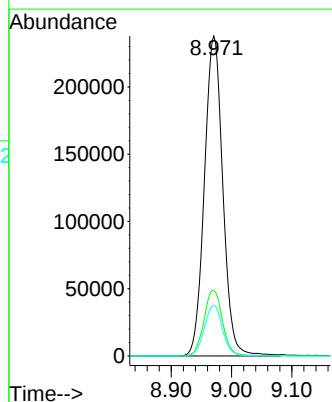
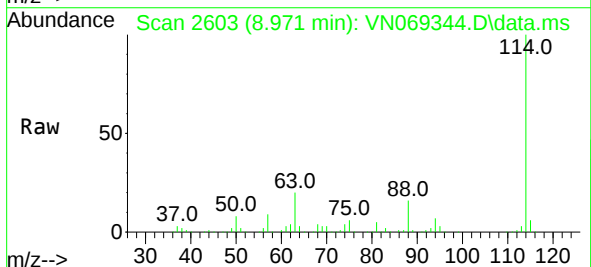
Instrument :
 MSVOA_N
 ClientSampleId :
 D20211101

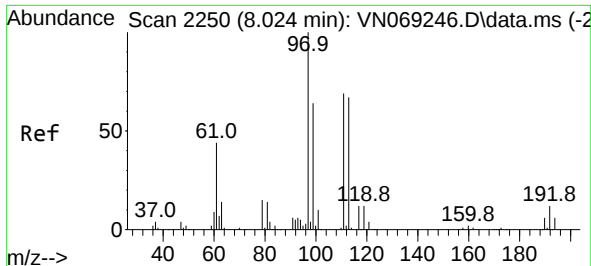
Tgt Ion: 65 Resp: 194716
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069344.D
 Acq: 2 Nov 2021 13:25

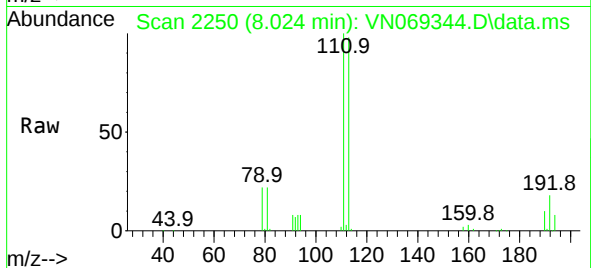
Tgt Ion: 114 Resp: 505479
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.6
 88 15.7 0.0 32.0



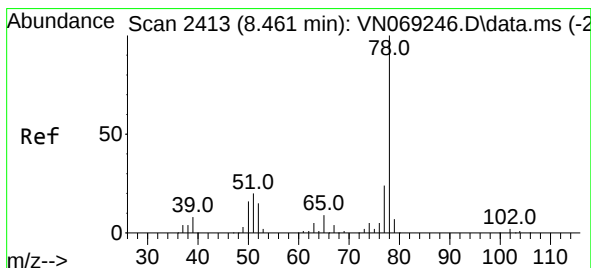
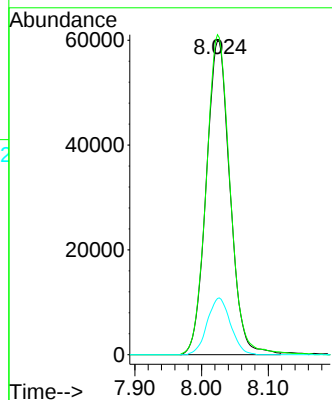
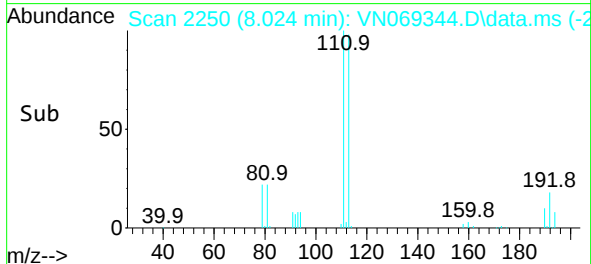


#35
Dibromofluoromethane
Concen: 47.031 ug/l
RT: 8.024 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069344.D
Acq: 2 Nov 2021 13:25

Instrument :
MSVOA_N
ClientSampleId :
D20211101

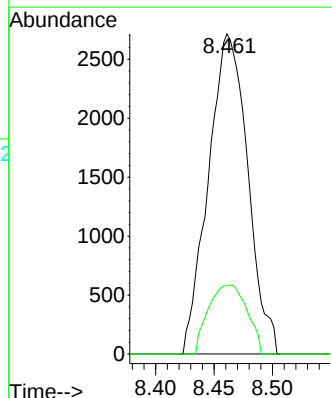
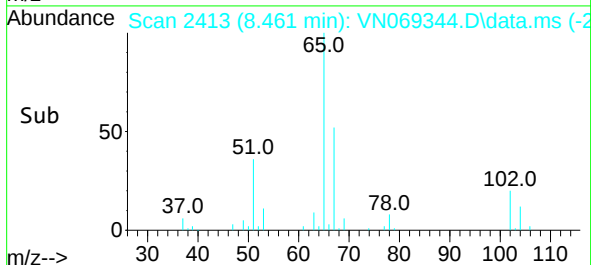
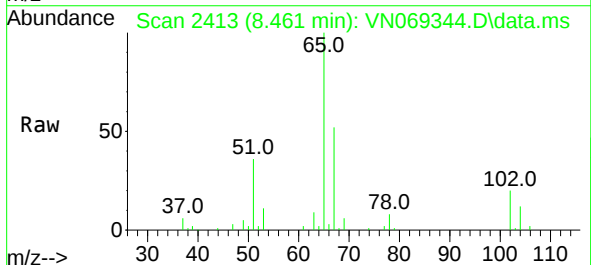


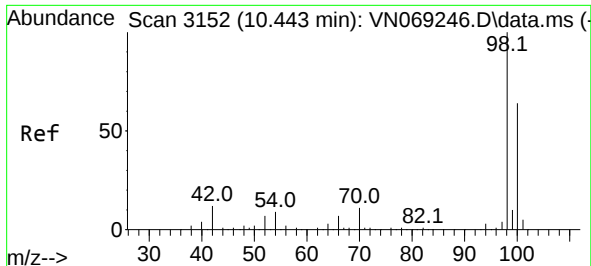
Tgt Ion:113 Resp: 148193
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 17.7 15.0 22.4



#40
Benzene
Concen: 0.485 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069344.D
Acq: 2 Nov 2021 13:25

Tgt Ion: 78 Resp: 6356
Ion Ratio Lower Upper
78 100
77 21.3 19.1 28.7

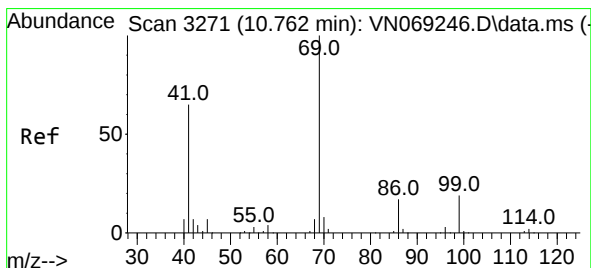
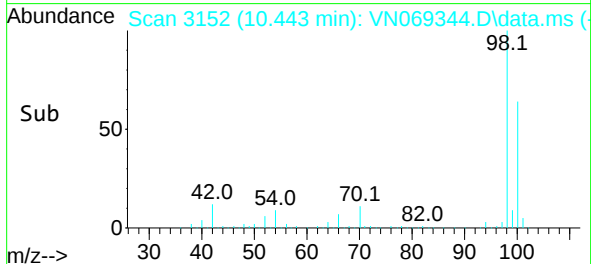
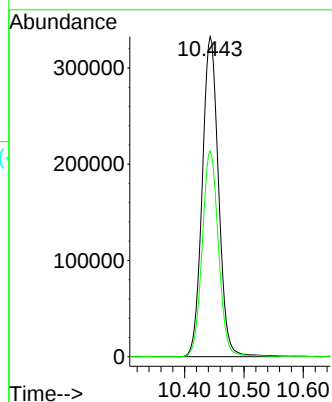
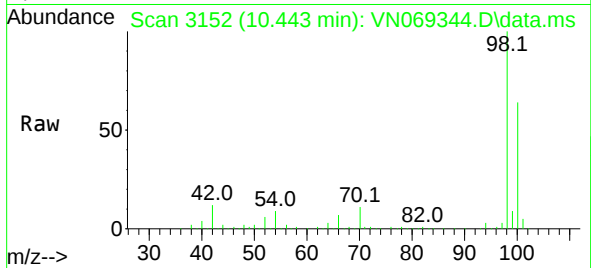




#50
Toluene-d8
Concen: 50.350 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069344.D
Acq: 2 Nov 2021 13:25

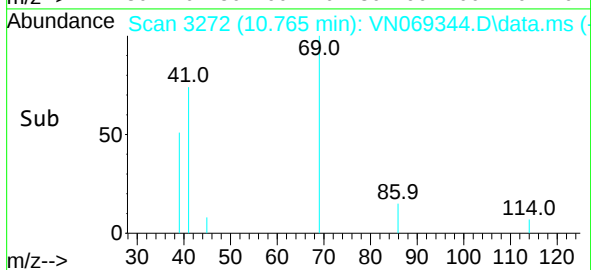
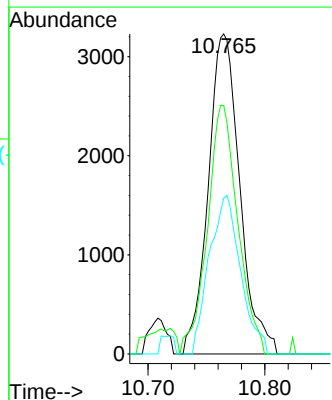
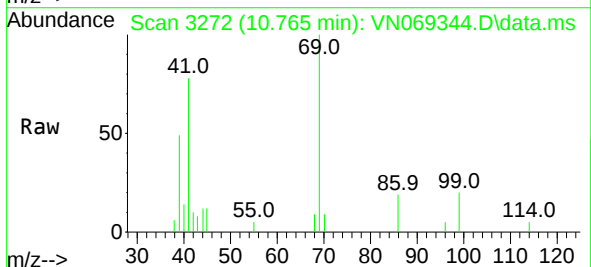
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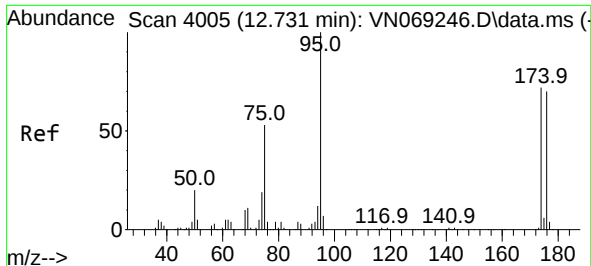
Tgt Ion: 98 Resp: 634336
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#56
Ethyl methacrylate
Concen: 2.609 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VN069344.D
Acq: 2 Nov 2021 13:25

Tgt Ion: 69 Resp: 6065
Ion Ratio Lower Upper
69 100
41 74.9 53.3 79.9
39 49.2 33.3 49.9





#62

4-Bromofluorobenzene

Concen: 52.224 ug/l

RT: 12.733 min Scan# 4005

Delta R.T. 0.002 min

Lab File: VN069344.D

Acq: 2 Nov 2021 13:25

Instrument :

MSVOA_N

ClientSampleId :

D20211101

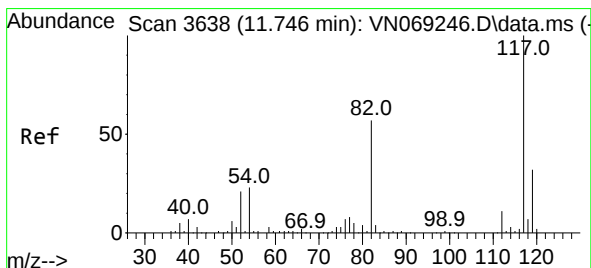
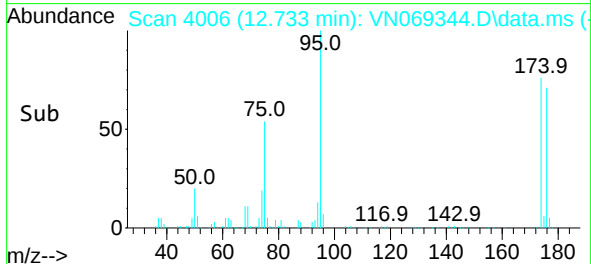
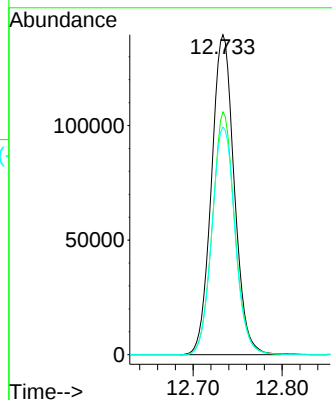
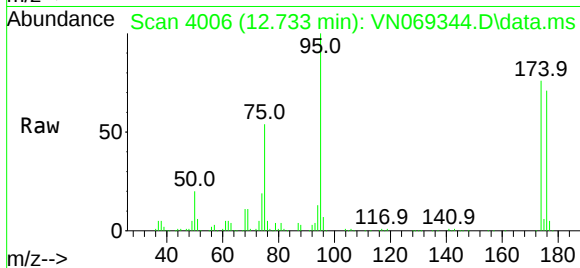
Tgt Ion: 95 Resp: 248280

Ion Ratio Lower Upper

95 100

174 74.7 0.0 144.8

176 72.4 0.0 140.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.746 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VN069344.D

Acq: 2 Nov 2021 13:25

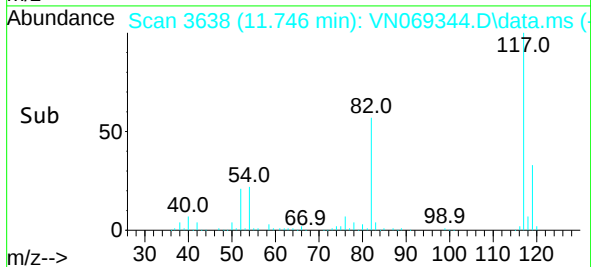
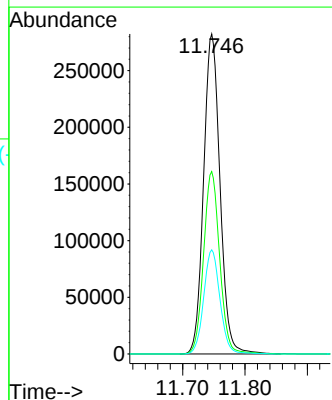
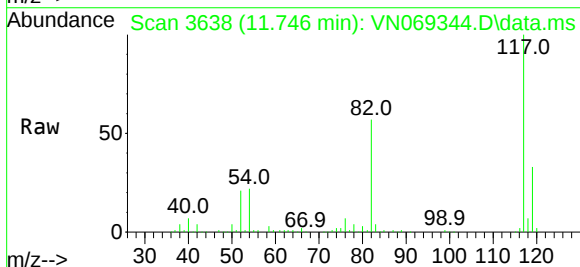
Tgt Ion: 117 Resp: 516417

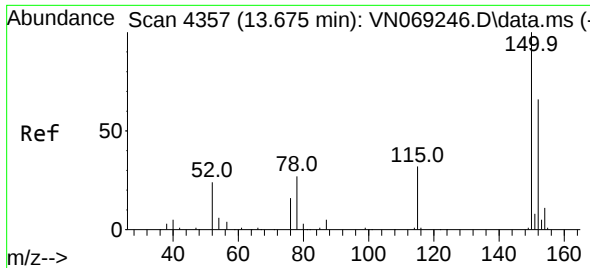
Ion Ratio Lower Upper

117 100

82 57.0 46.4 69.6

119 32.5 26.0 39.0

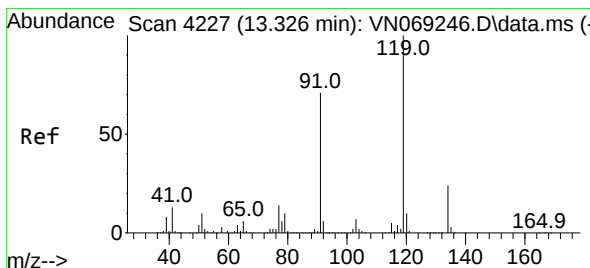
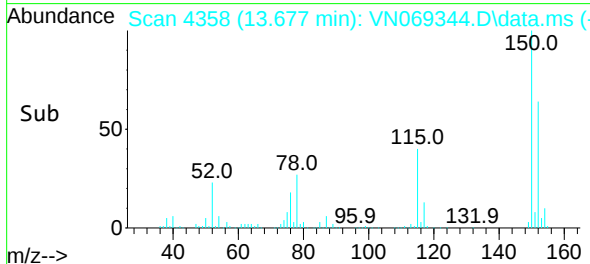
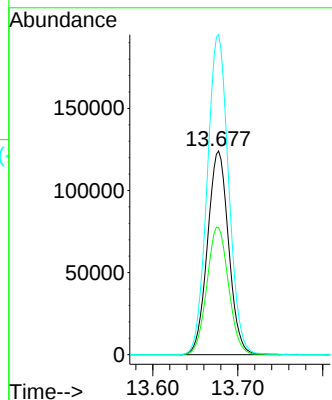
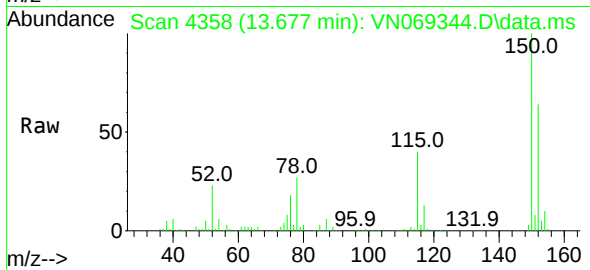




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 41
 Delta R.T. 0.002 min
 Lab File: VN069344.D
 Acq: 2 Nov 2021 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 D20211101

Tgt Ion:152 Resp: 214425
 Ion Ratio Lower Upper
 152 100
 115 64.2 31.4 94.3
 150 159.1 0.0 351.0



#83
 tert-Butylbenzene
 Concen: 5.826 ug/l
 RT: 13.326 min Scan# 4227
 Delta R.T. 0.000 min
 Lab File: VN069344.D
 Acq: 2 Nov 2021 13:25

Tgt Ion:119 Resp: 76064
 Ion Ratio Lower Upper
 119 100
 91 70.4 34.6 103.9
 134 23.8 12.6 37.6

