

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080368.D
 Acq On : 05 Dec 2023 15:58
 Operator : JC\MD
 Sample : 05616-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1148

Quant Time: Dec 06 00:53:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

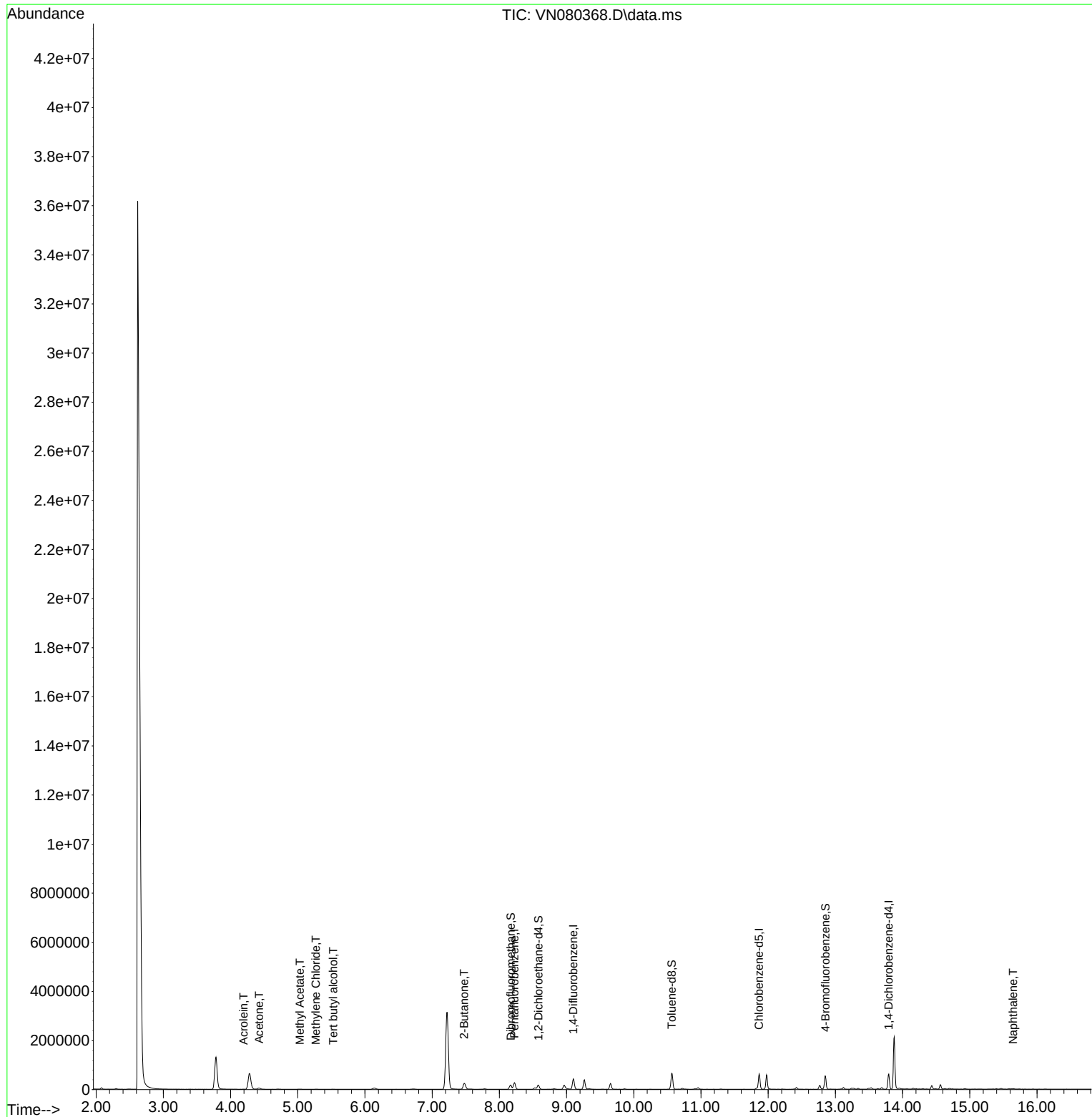
Internal Standards						
1) Pentafluorobenzene	8.224	168	180387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	357245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	168469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	152034	51.044	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.080%	
35) Dibromofluoromethane	8.171	113	119108	48.219	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.440%	
50) Toluene-d8	10.565	98	441225	49.552	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.100%	
62) 4-Bromofluorobenzene	12.853	95	190754	56.716	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.530	59	5156	15.742	ug/l #	75
13) Acrolein	4.195	56	2303	7.945	ug/l	90
16) Acetone	4.424	43	87261	87.226	ug/l	93
18) Methyl Acetate	5.030	43	12271	3.818	ug/l	90
20) Methylene Chloride	5.271	84	3496	1.669	ug/l #	85
25) 2-Butanone	7.477	43	361446	304.096	ug/l	92
95) Naphthalene	15.647	128	9396	0.979	ug/l #	91

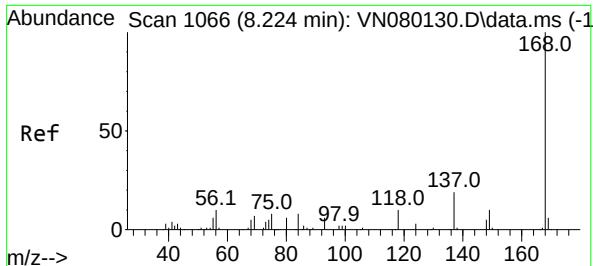
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
Data File : VN080368.D
Acq On : 05 Dec 2023 15:58
Operator : JC\MD
Sample : 05616-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1148

Quant Time: Dec 06 00:53:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

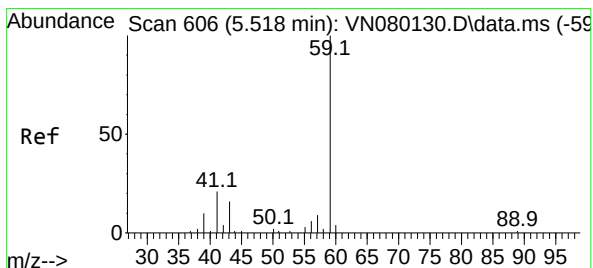
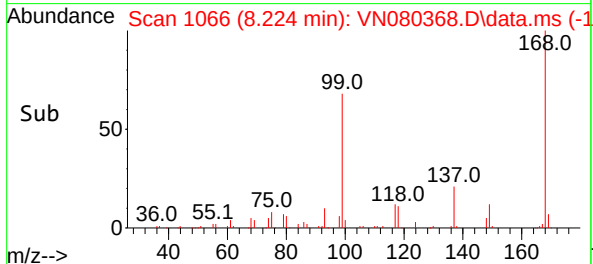
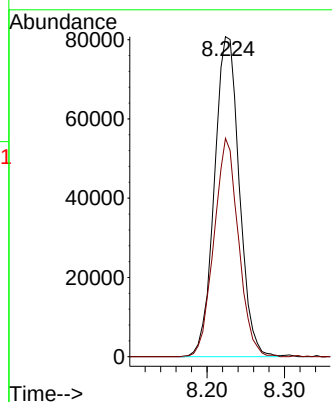
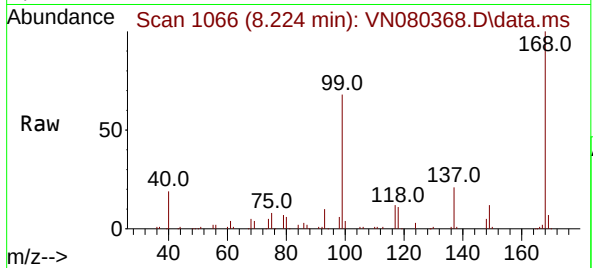




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VN080368.D
Acq: 05 Dec 2023 15:58

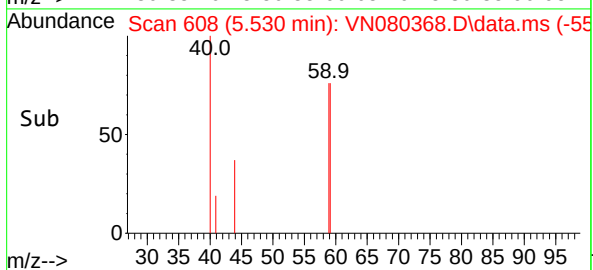
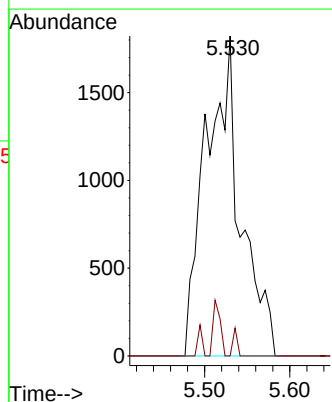
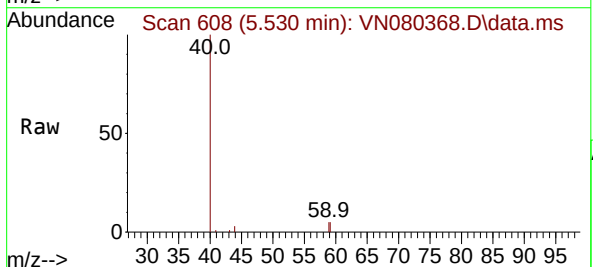
Instrument :
MSVOA_N
ClientSampleId :
1148

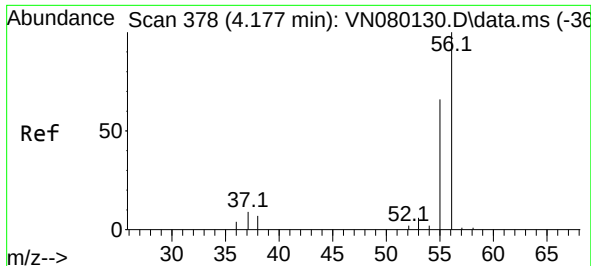
Tgt Ion:168 Resp: 180387
Ion Ratio Lower Upper
168 100
99 68.3 53.0 79.6



#11
Tert butyl alcohol
Concen: 15.742 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.012 min
Lab File: VN080368.D
Acq: 05 Dec 2023 15:58

Tgt Ion: 59 Resp: 5156
Ion Ratio Lower Upper
59 100
57 1.1 8.2 12.4#

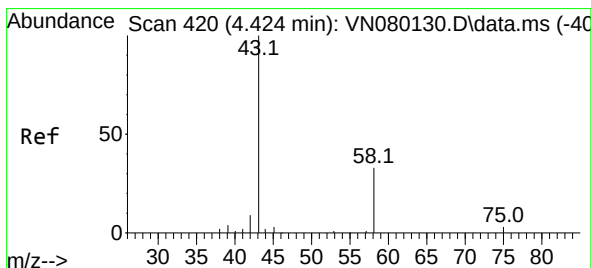
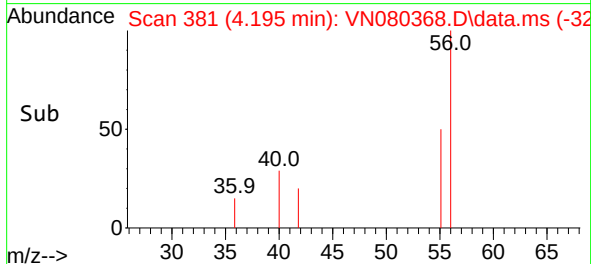
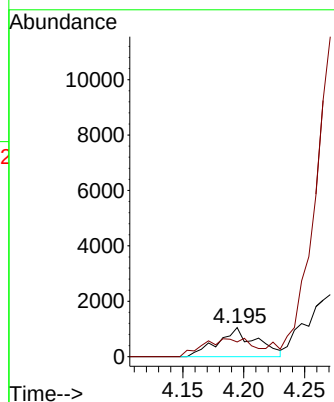
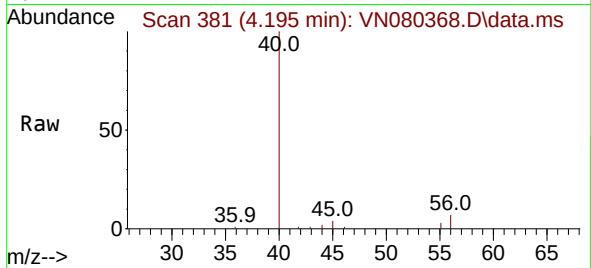




#13
Acrolein
Concen: 7.945 ug/l
RT: 4.195 min Scan# 311
Delta R.T. 0.018 min
Lab File: VN080368.D
Acq: 05 Dec 2023 15:58

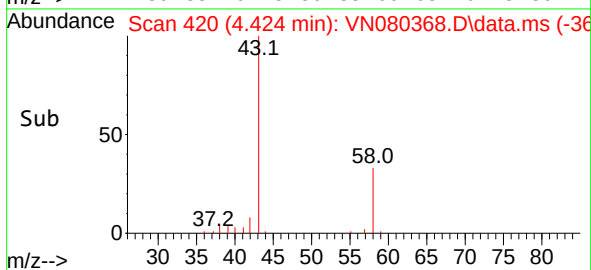
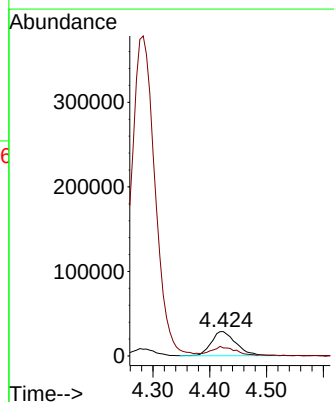
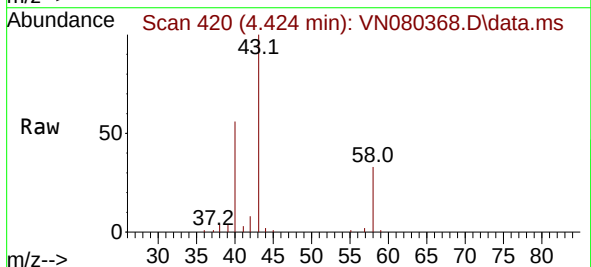
Instrument :
MSVOA_N
ClientSampleId :
1148

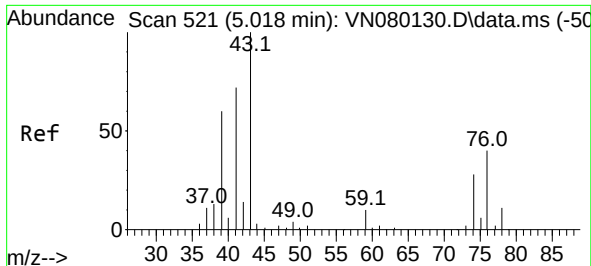
Tgt Ion: 56 Resp: 2303
Ion Ratio Lower Upper
56 100
55 76.5 54.5 81.7



#16
Acetone
Concen: 87.226 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080368.D
Acq: 05 Dec 2023 15:58

Tgt Ion: 43 Resp: 87261
Ion Ratio Lower Upper
43 100
58 30.7 28.0 42.0

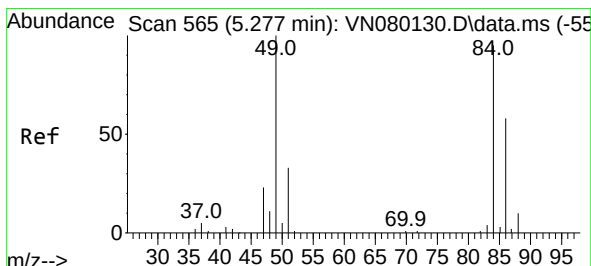
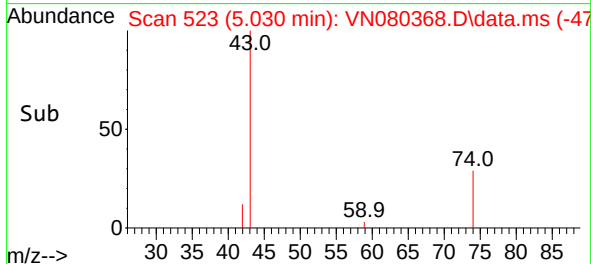
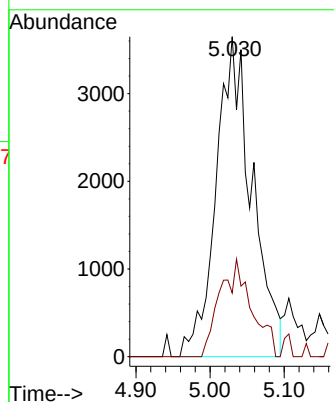
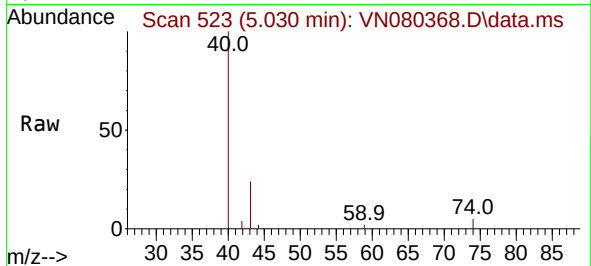




#18
Methyl Acetate
Concen: 3.818 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080368.D
Acq: 05 Dec 2023 15:58

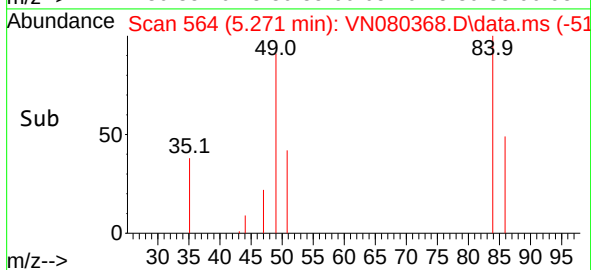
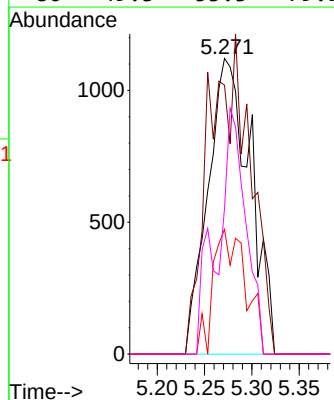
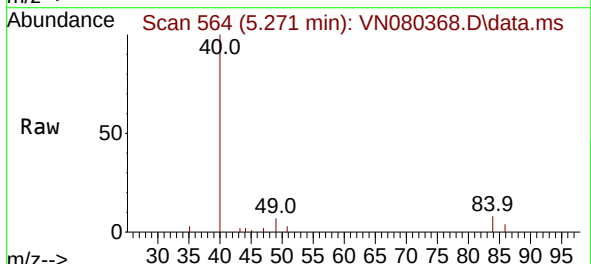
Instrument :
MSVOA_N
ClientSampleId :
1148

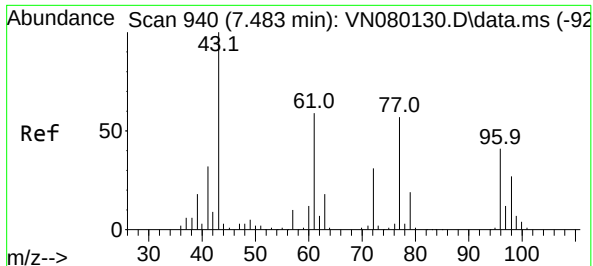
Tgt Ion: 43 Resp: 12271
Ion Ratio Lower Upper
43 100
74 27.1 26.2 39.4



#20
Methylene Chloride
Concen: 1.669 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080368.D
Acq: 05 Dec 2023 15:58

Tgt Ion: 84 Resp: 3496
Ion Ratio Lower Upper
84 100
49 91.0 79.7 119.5
51 42.2 25.2 37.8#
86 49.3 53.3 79.9#

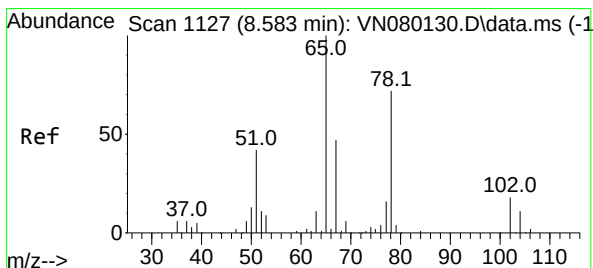
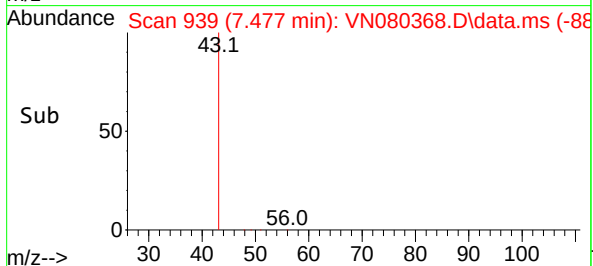
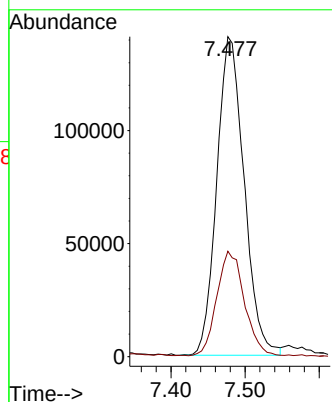
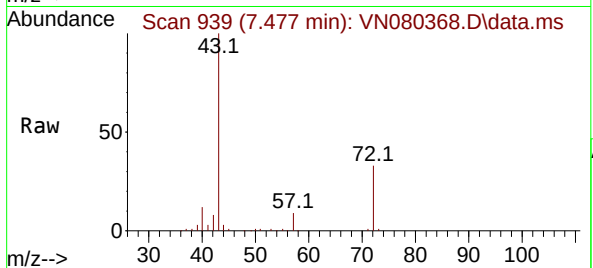




#25
2-Butanone
Concen: 304.096 ug/l
RT: 7.477 min Scan# 914
Delta R.T. -0.006 min
Lab File: VN080368.D
Acq: 05 Dec 2023 15:58

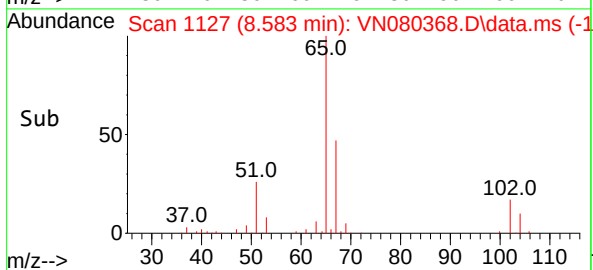
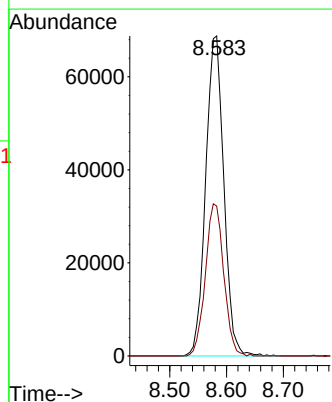
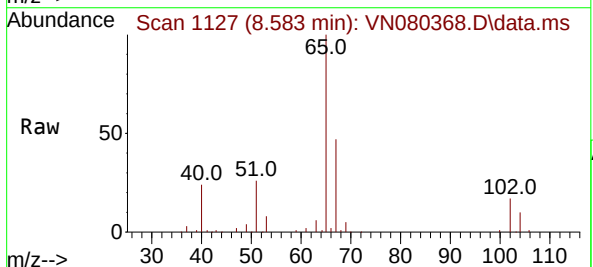
Instrument :
MSVOA_N
ClientSampleId :
1148

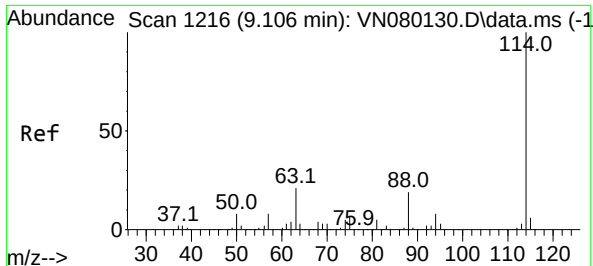
Tgt Ion: 43 Resp: 361446
Ion Ratio Lower Upper
43 100
72 32.7 30.2 45.2



#33
1,2-Dichloroethane-d4
Concen: 51.044 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080368.D
Acq: 05 Dec 2023 15:58

Tgt Ion: 65 Resp: 152034
Ion Ratio Lower Upper
65 100
67 48.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN080368.D

Acq: 05 Dec 2023 15:58

Instrument :

MSVOA_N

ClientSampleId :

1148

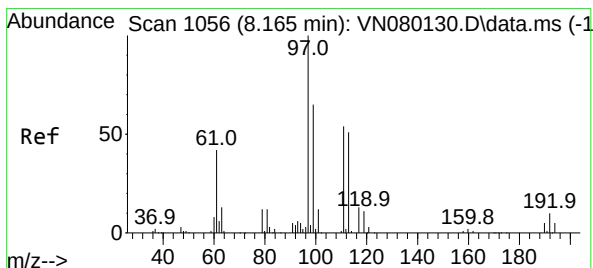
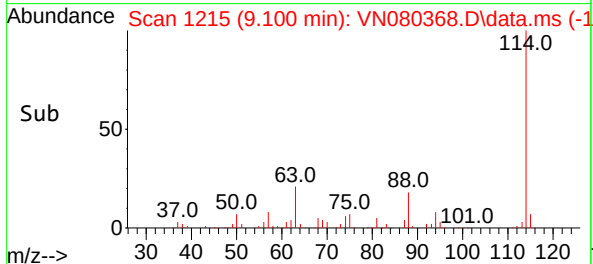
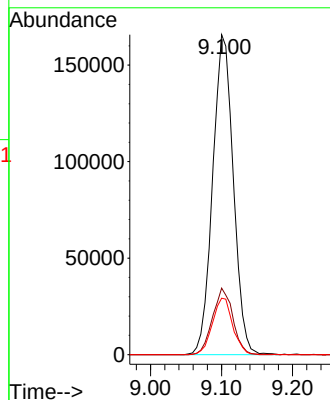
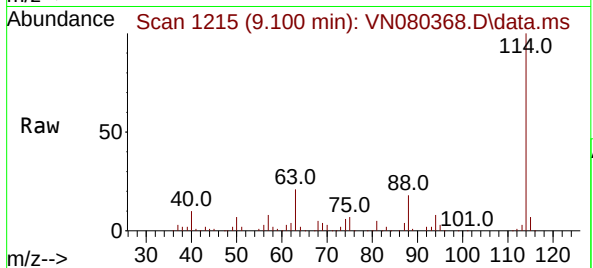
Tgt Ion:114 Resp: 334766

Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

88 17.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.219 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080368.D

Acq: 05 Dec 2023 15:58

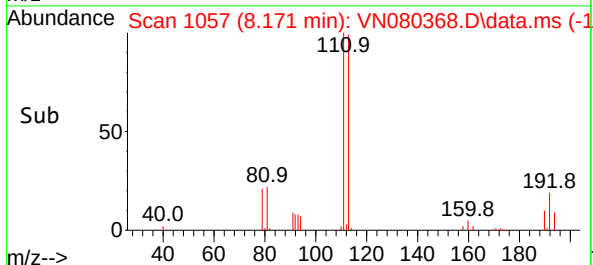
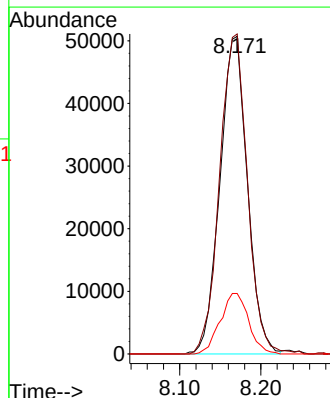
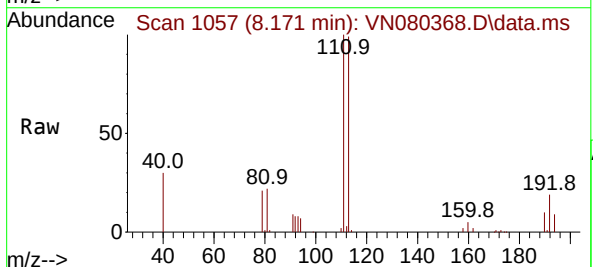
Tgt Ion:113 Resp: 119108

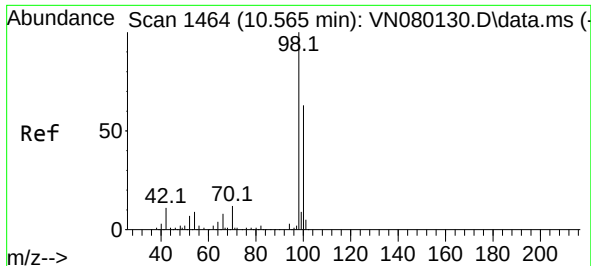
Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

192 19.7 12.7 19.1#

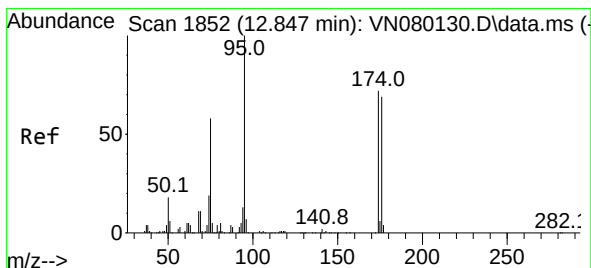
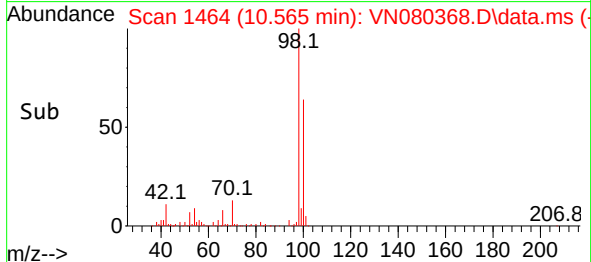
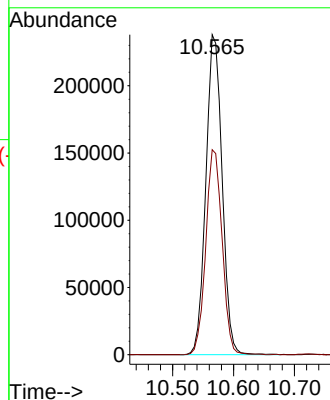
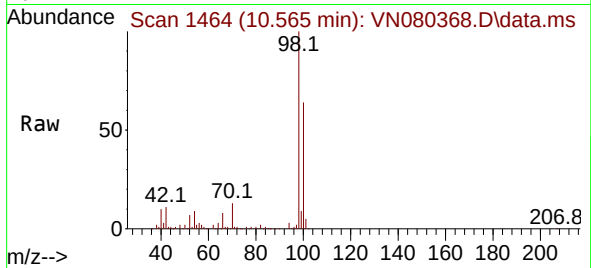




#50
Toluene-d8
Concen: 49.552 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080368.D
Acq: 05 Dec 2023 15:58

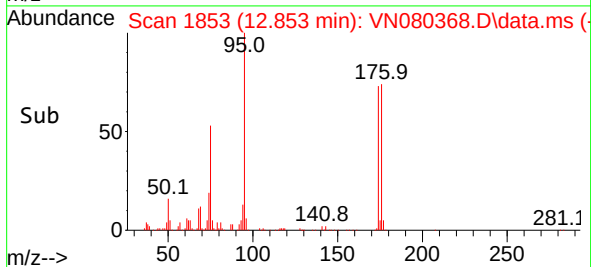
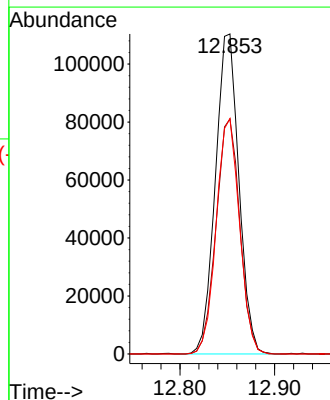
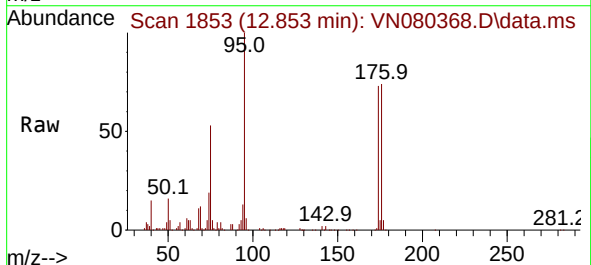
Instrument :
MSVOA_N
ClientSampleId :
1148

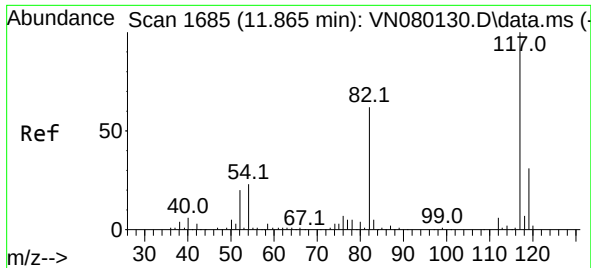
Tgt Ion: 98 Resp: 441225
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 56.716 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080368.D
Acq: 05 Dec 2023 15:58

Tgt Ion: 95 Resp: 190754
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.8
176 72.7 0.0 135.8

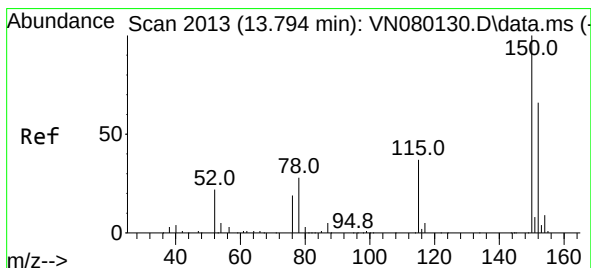
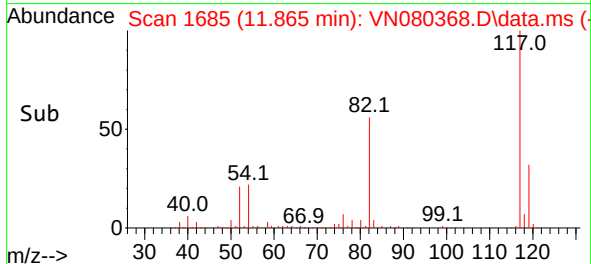
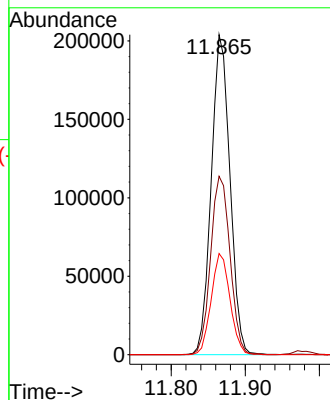
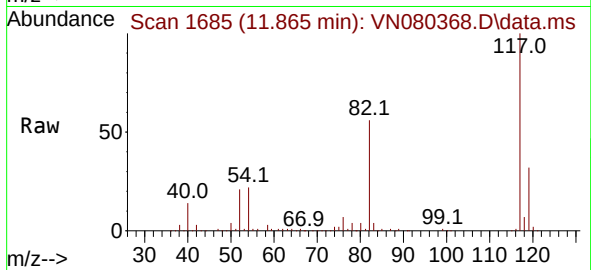




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VN080368.D
Acq: 05 Dec 2023 15:58

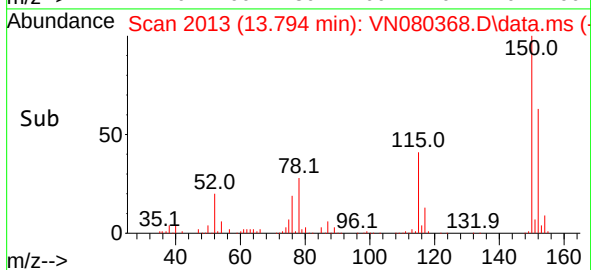
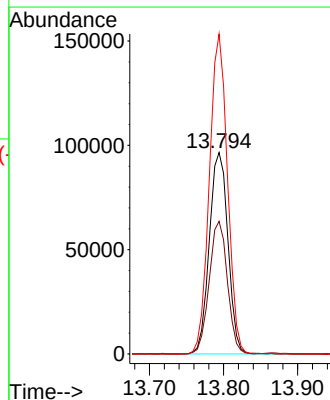
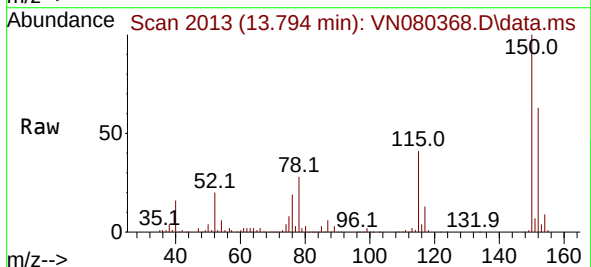
Instrument :
MSVOA_N
ClientSampleId :
1148

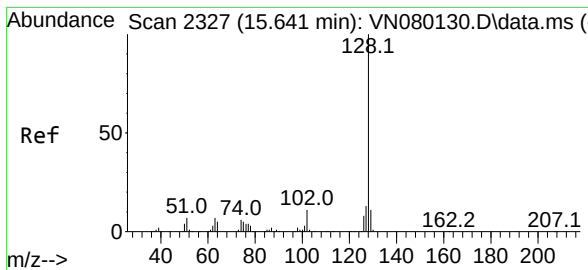
Tgt Ion:117 Resp: 357245
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080368.D
Acq: 05 Dec 2023 15:58

Tgt Ion:152 Resp: 168469
Ion Ratio Lower Upper
152 100
115 64.5 32.3 96.8
150 154.2 0.0 355.8





#95
Naphthalene
Concen: 0.979 ug/l
RT: 15.647 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN080368.D
Acq: 05 Dec 2023 15:58

Instrument :
MSVOA_N
ClientSampleId :
1148

Tgt Ion:	128	Resp:	9396
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.0	15.0
129	16.5	8.7	13.1

