

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080397.D
 Acq On : 06 Dec 2023 19:31
 Operator : JC\MD
 Sample : 05650-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50197

Quant Time: Dec 07 01:06:21 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)

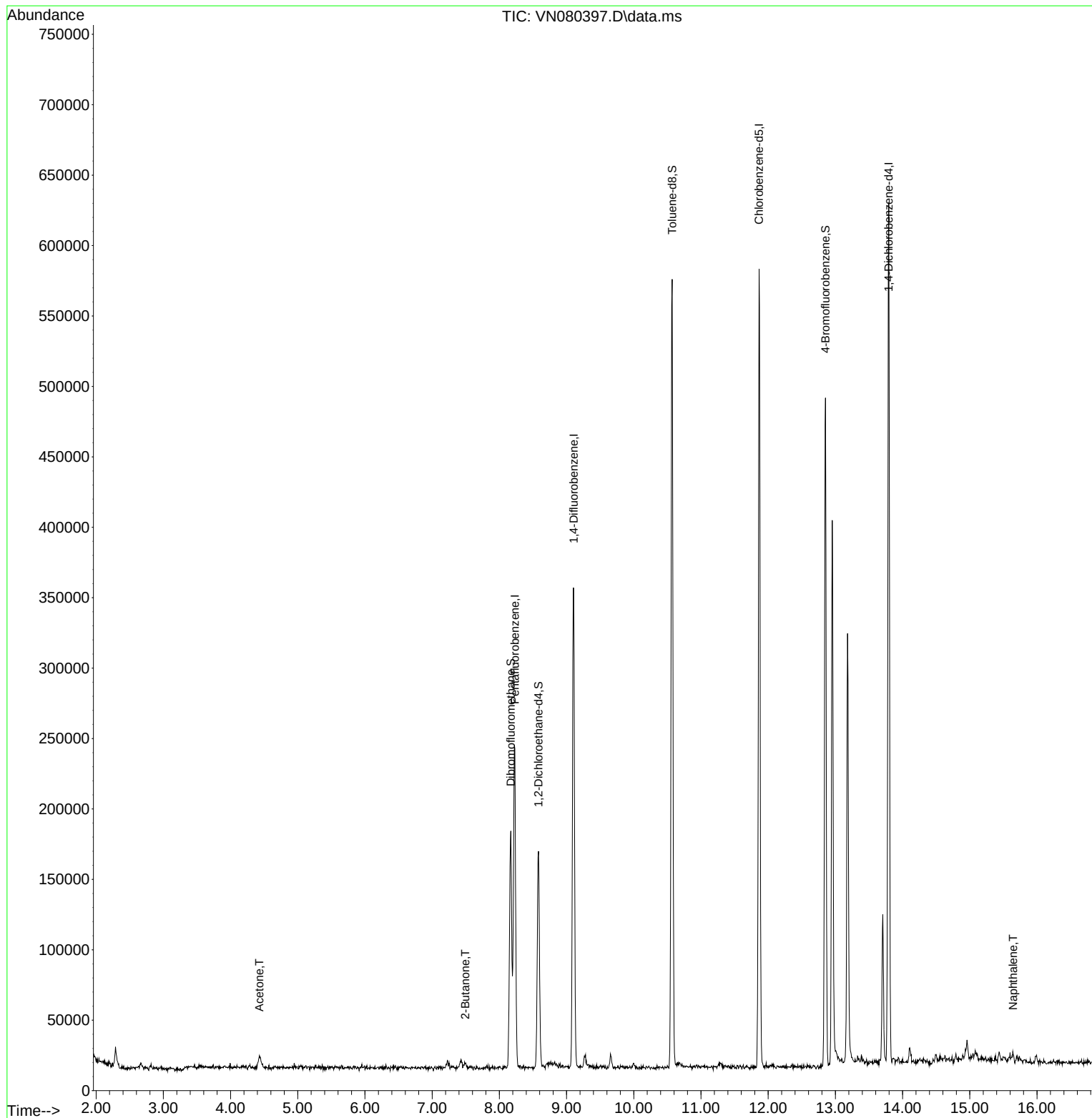
Internal Standards						
1) Pentafluorobenzene	8.229	168	162149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	292448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	320341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	166421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	144417	53.941	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.880%	
35) Dibromofluoromethane	8.171	113	117255	54.338	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.680%	
50) Toluene-d8	10.570	98	398706	51.256	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	12.853	95	161167	54.853	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.700%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	16536	18.389	ug/l	95
25) 2-Butanone	7.494	43	5920	5.541	ug/l	88
95) Naphthalene	15.647	128	6096	0.643	ug/l #	94

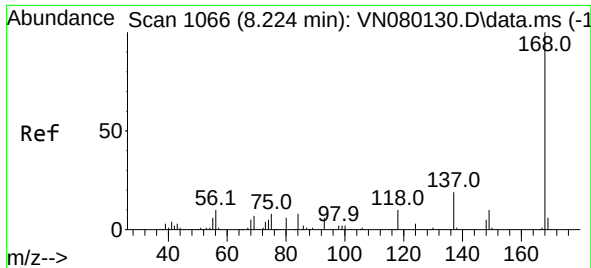
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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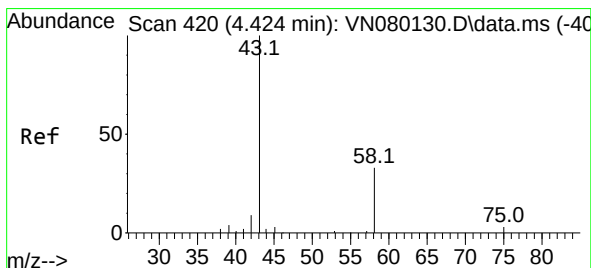
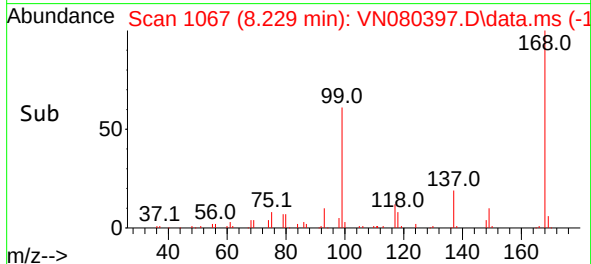
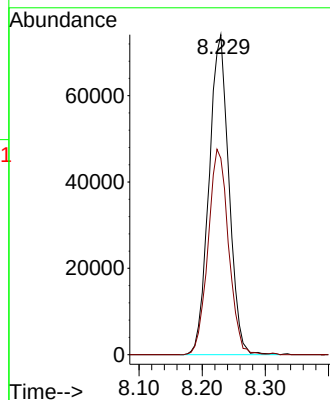
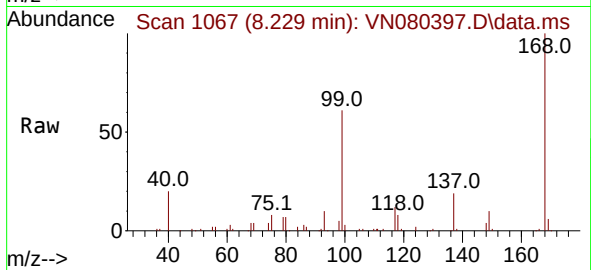




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080397.D
Acq: 06 Dec 2023 19:31

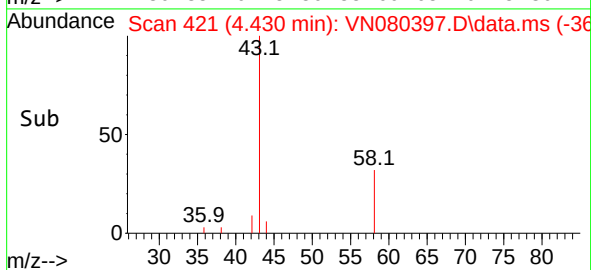
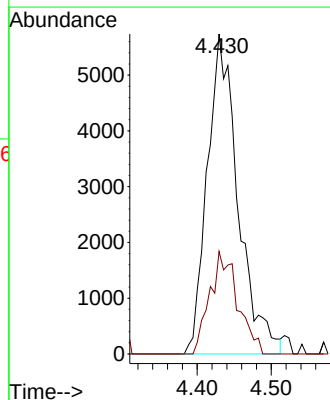
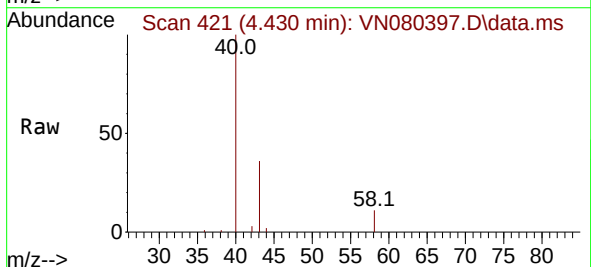
Instrument :
MSVOA_N
ClientSampleId :
50197

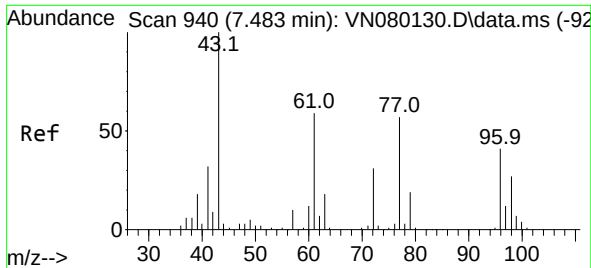
Tgt Ion:168 Resp: 162149
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#16
Acetone
Concen: 18.389 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080397.D
Acq: 06 Dec 2023 19:31

Tgt Ion: 43 Resp: 16536
Ion Ratio Lower Upper
43 100
58 32.1 28.0 42.0

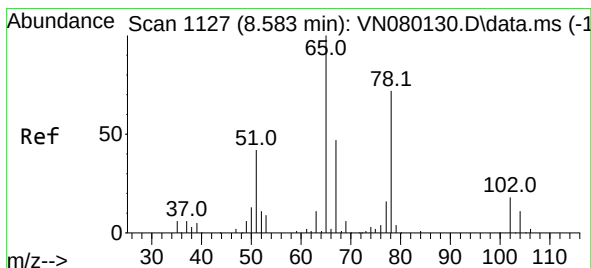
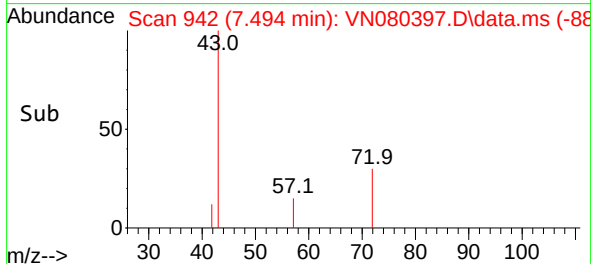
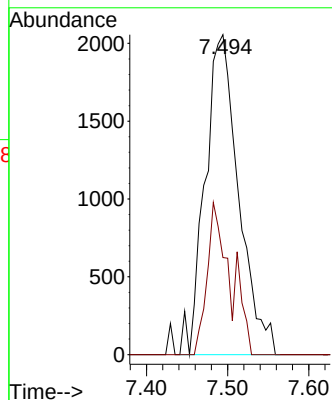
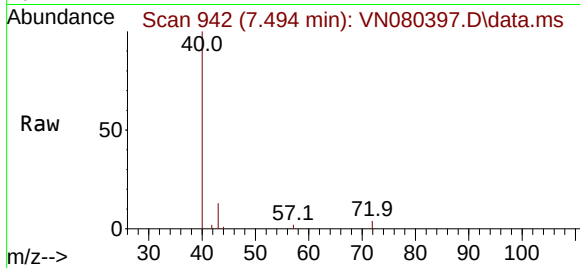




#25
2-Butanone
Concen: 5.541 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.011 min
Lab File: VN080397.D
Acq: 06 Dec 2023 19:31

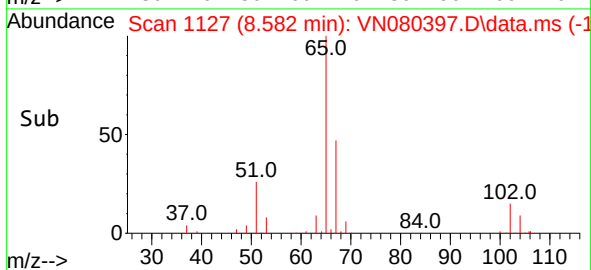
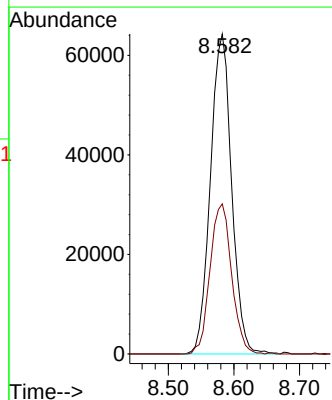
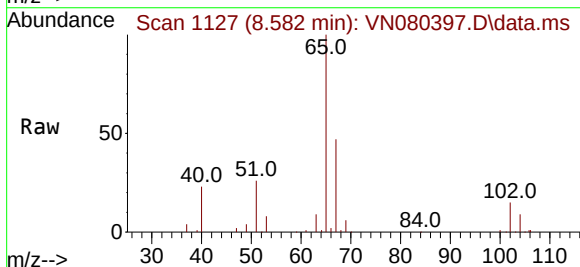
Instrument :
MSVOA_N
ClientSampleId :
50197

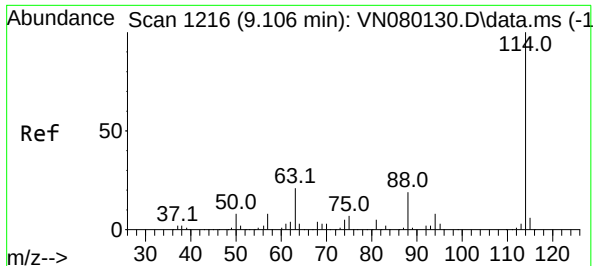
Tgt Ion: 43 Resp: 5920
Ion Ratio Lower Upper
43 100
72 30.4 30.2 45.2



#33
1,2-Dichloroethane-d4
Concen: 53.941 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080397.D
Acq: 06 Dec 2023 19:31

Tgt Ion: 65 Resp: 144417
Ion Ratio Lower Upper
65 100
67 47.7 0.0 106.6

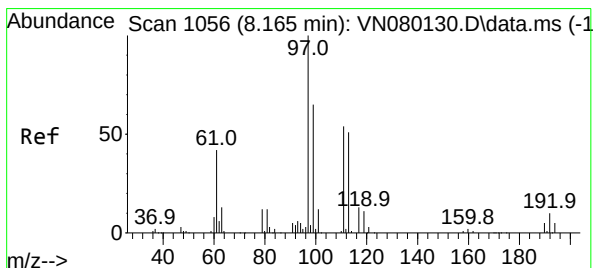
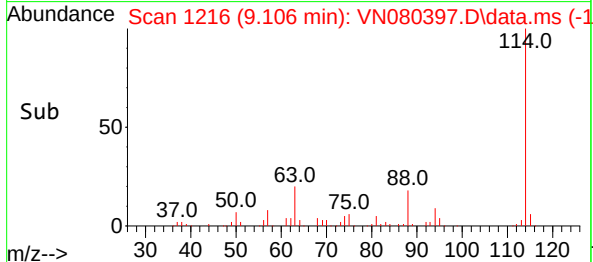
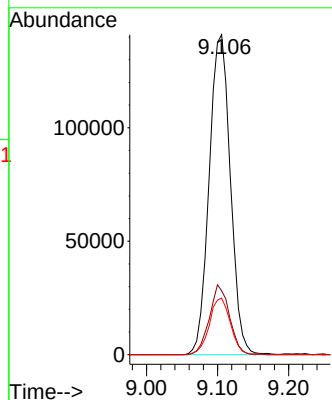
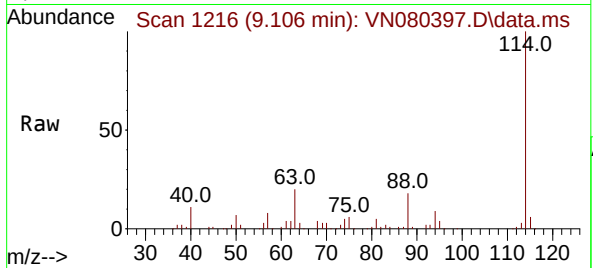




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080397.D
Acq: 06 Dec 2023 19:31

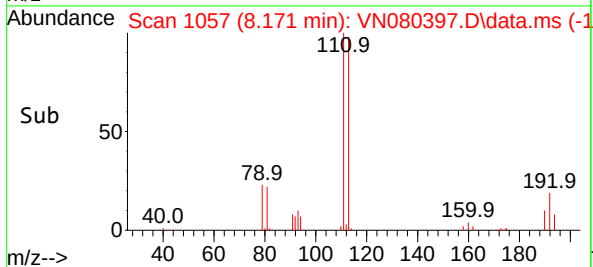
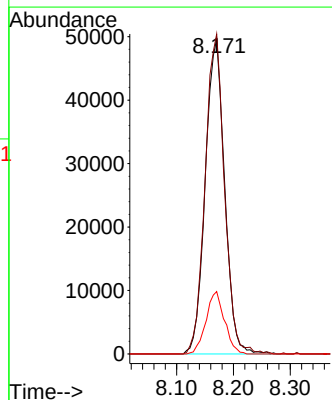
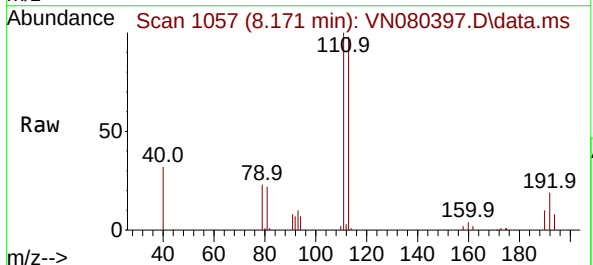
Instrument :
MSVOA_N
ClientSampleId :
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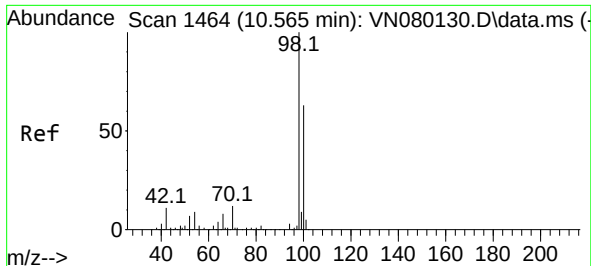
Tgt Ion:114 Resp: 292448
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.4
88 17.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.338 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080397.D
Acq: 06 Dec 2023 19:31

Tgt Ion:113 Resp: 117255
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 19.0 12.7 19.1

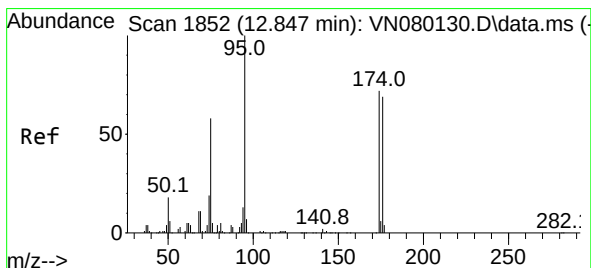
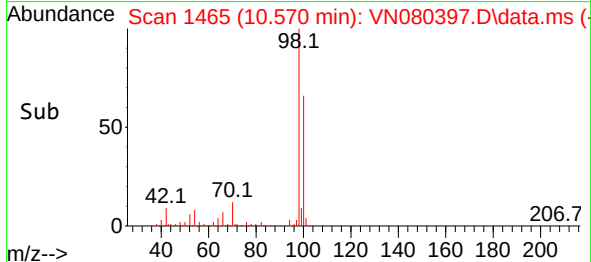
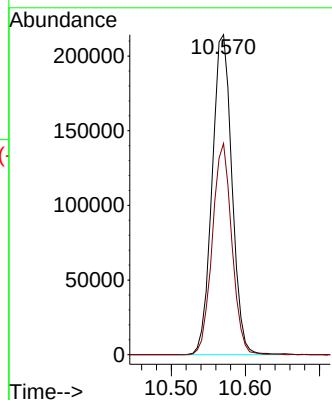
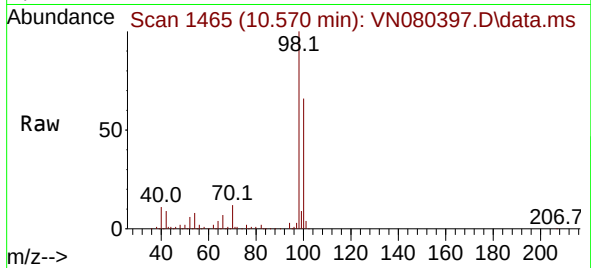




#50
Toluene-d8
Concen: 51.256 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080397.D
Acq: 06 Dec 2023 19:31

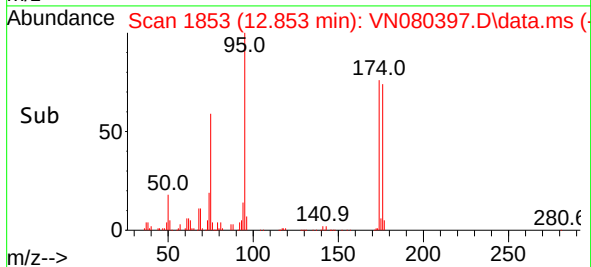
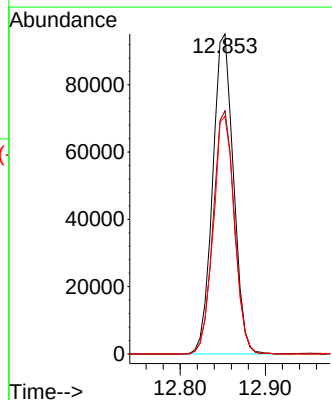
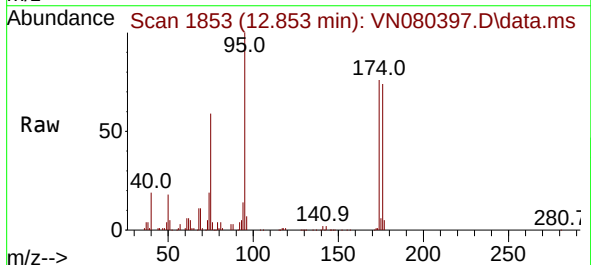
Instrument :
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ClientSampleId :
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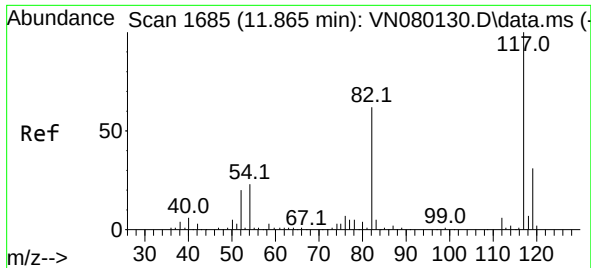
Tgt Ion: 98 Resp: 398706
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.853 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080397.D
Acq: 06 Dec 2023 19:31

Tgt Ion: 95 Resp: 161167
Ion Ratio Lower Upper
95 100
174 77.5 0.0 143.8
176 76.0 0.0 135.8

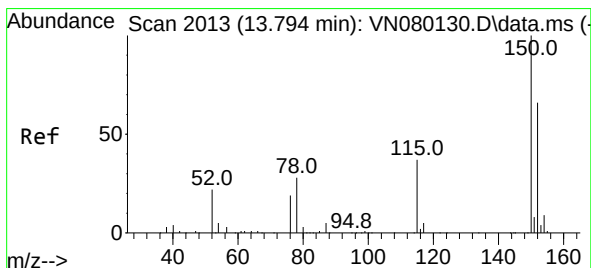
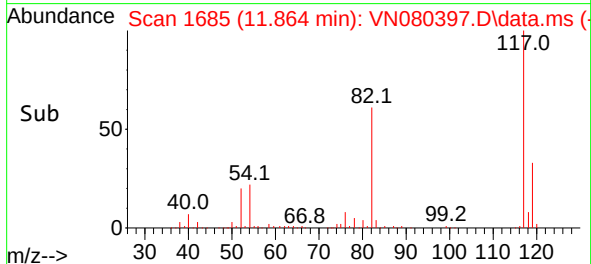
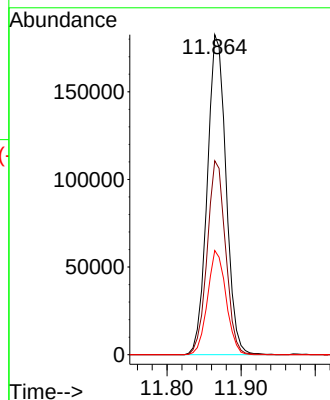
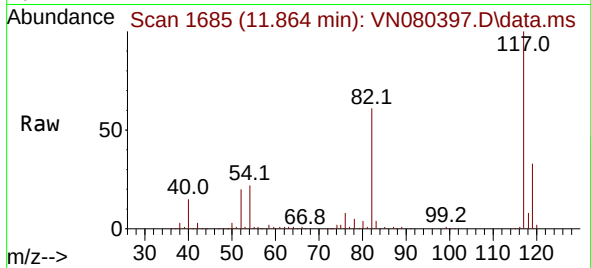




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080397.D
Acq: 06 Dec 2023 19:31

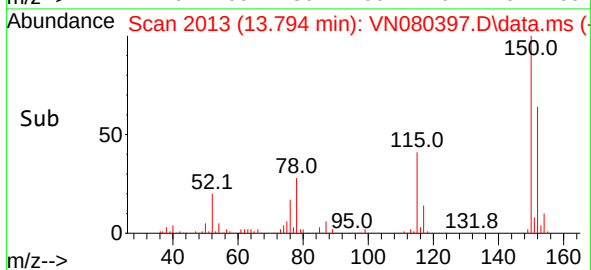
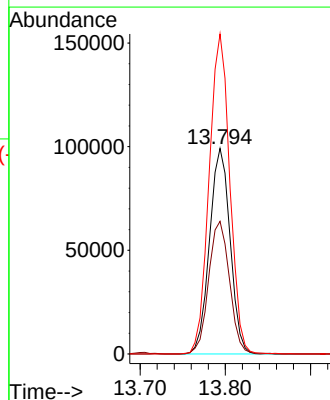
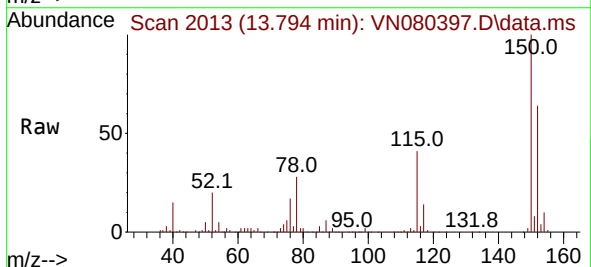
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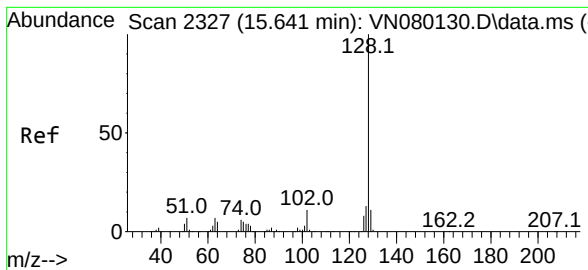
Tgt Ion:117 Resp: 320341
Ion Ratio Lower Upper
117 100
82 60.6 44.0 66.0
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080397.D
Acq: 06 Dec 2023 19:31

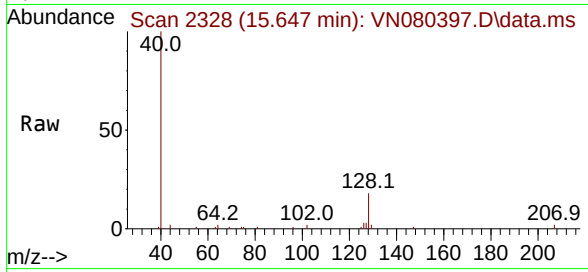
Tgt Ion:152 Resp: 166421
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 155.8 0.0 355.8





#95
Naphthalene
Concen: 0.643 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080397.D
Acq: 06 Dec 2023 19:31

Instrument :
MSVOA_N
ClientSampleId :
50197



Tgt Ion:	128	Resp:	6096
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.0	15.0
129	14.9	8.7	13.1

