

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080373.D
 Acq On : 05 Dec 2023 18:08
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 06 00:55:20 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	176372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	332880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	353039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161921	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	158881	54.557	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.120%
35) Dibromofluoromethane	8.171	113	125906	51.260	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.520%
50) Toluene-d8	10.570	98	433343	48.942	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.853	95	177400	53.044	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.080%

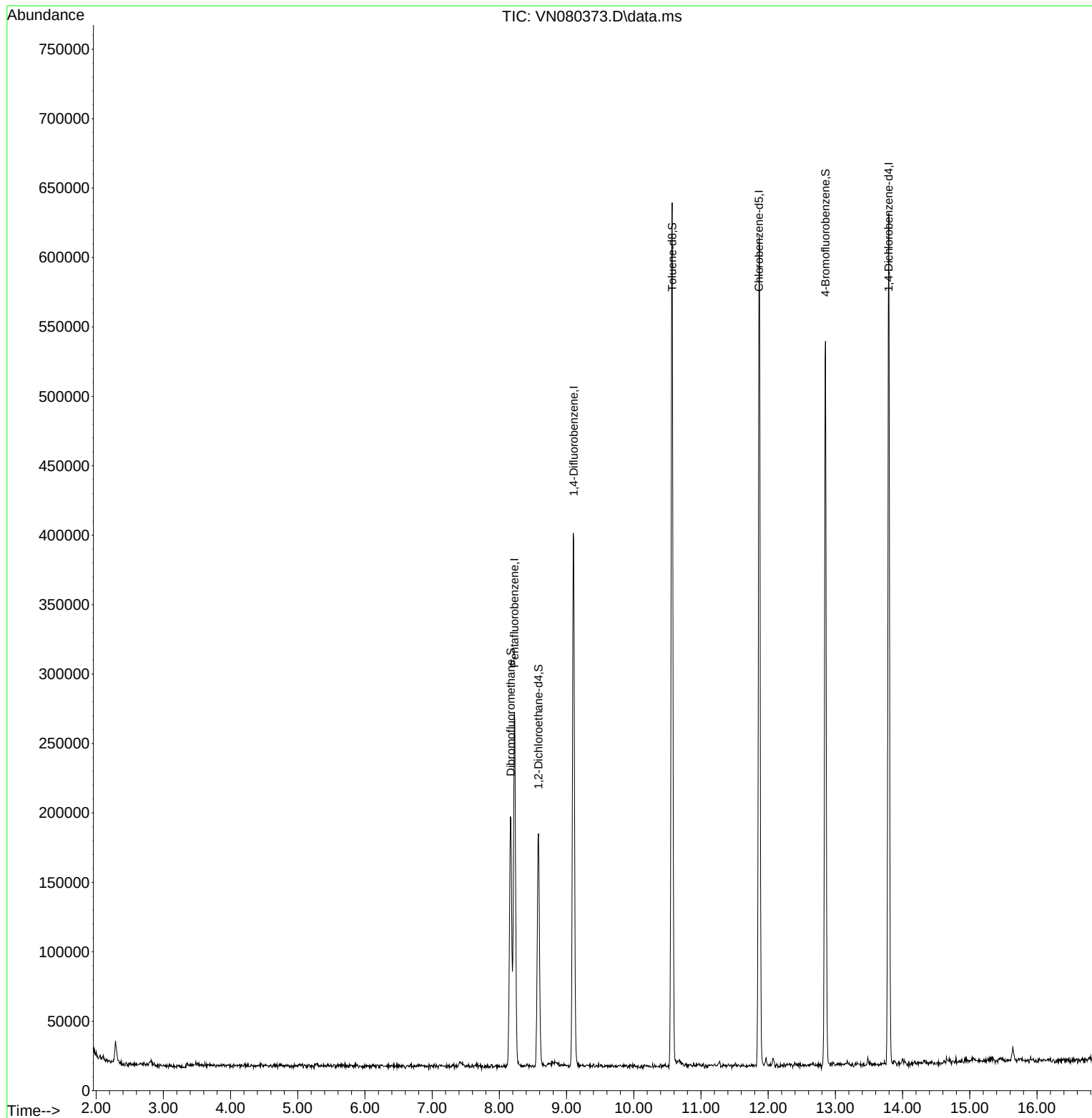
Target Compounds	Qvalue

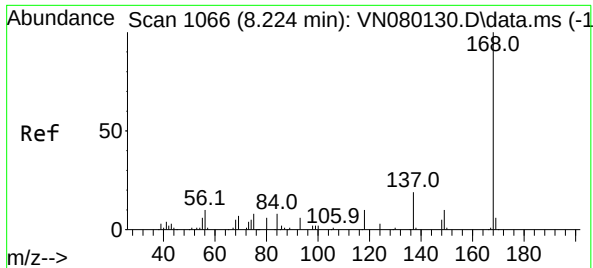
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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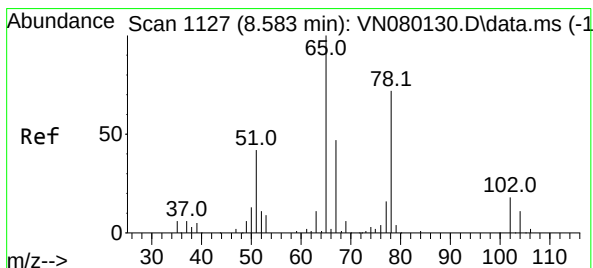
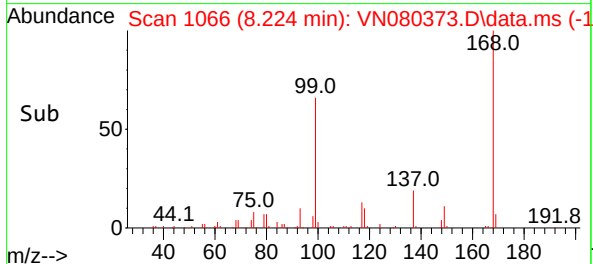
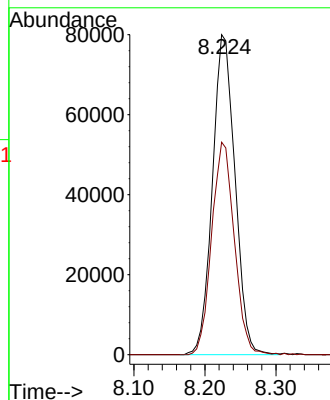
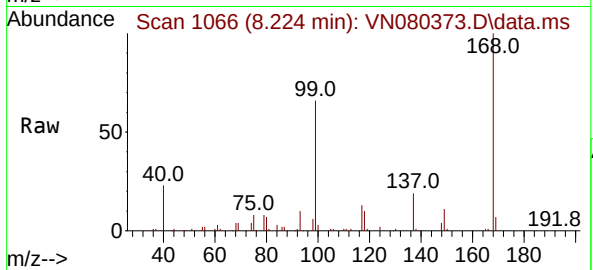




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080373.D
Acq: 05 Dec 2023 18:08

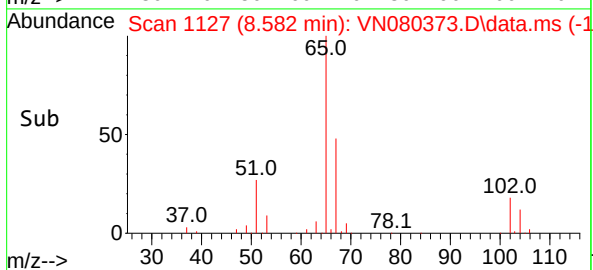
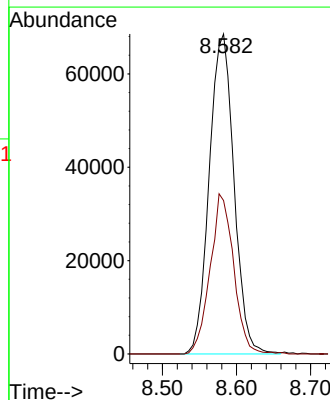
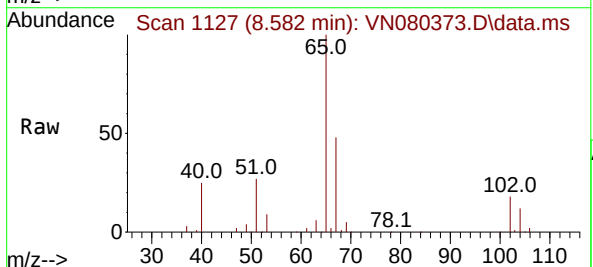
Instrument :
MSVOA_N
ClientSampleId :
IBLK

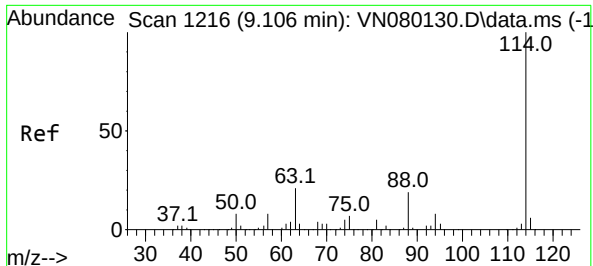
Tgt Ion:168 Resp: 176372
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.557 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080373.D
Acq: 05 Dec 2023 18:08

Tgt Ion: 65 Resp: 158881
Ion Ratio Lower Upper
65 100
67 47.7 0.0 106.6

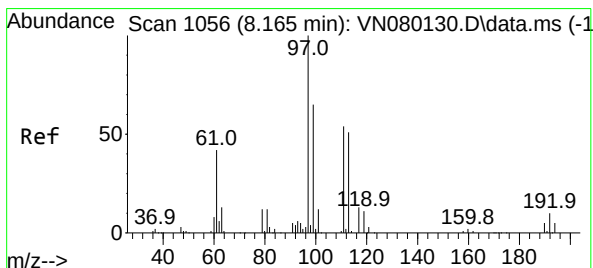
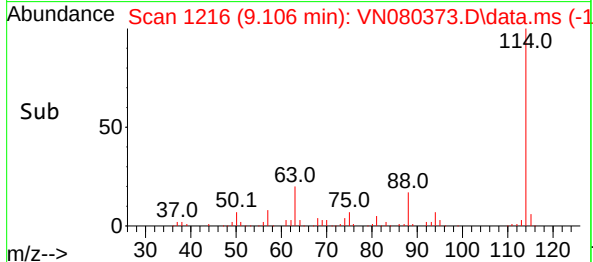
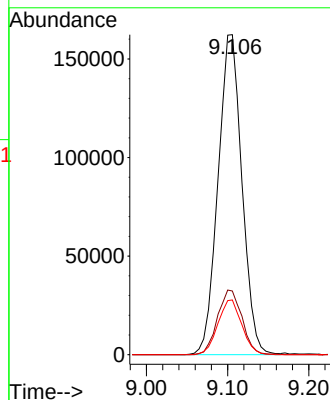
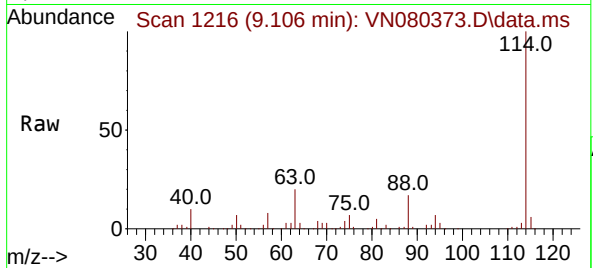




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080373.D
Acq: 05 Dec 2023 18:08

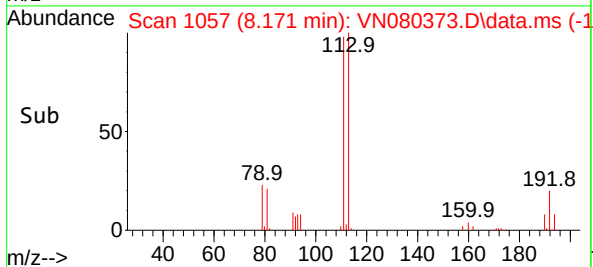
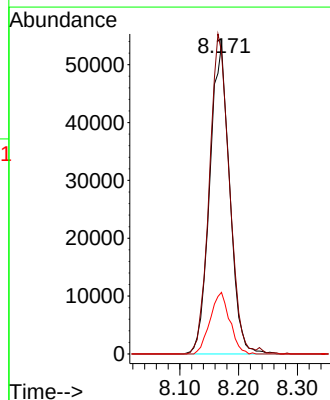
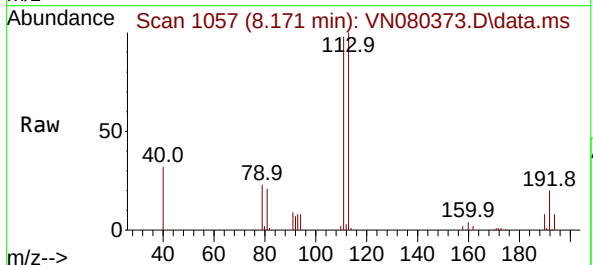
Instrument :
MSVOA_N
ClientSampleId :
IBLK

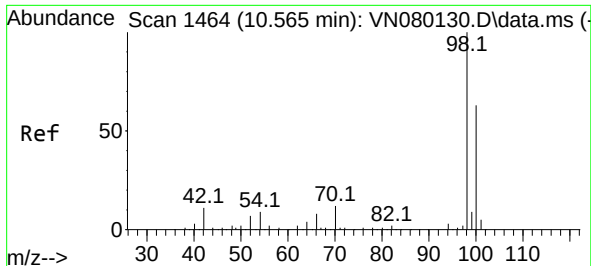
Tgt Ion:114 Resp: 332880
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.4
88 17.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.260 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080373.D
Acq: 05 Dec 2023 18:08

Tgt Ion:113 Resp: 125906
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 19.6 12.7 19.1#

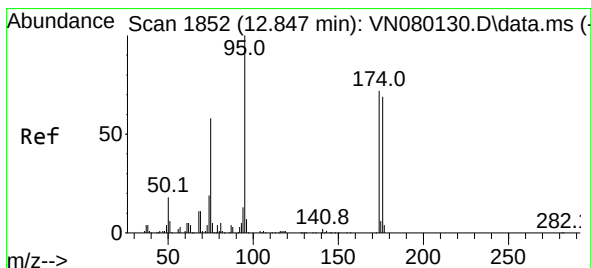
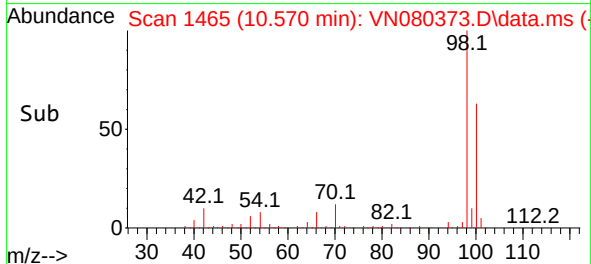
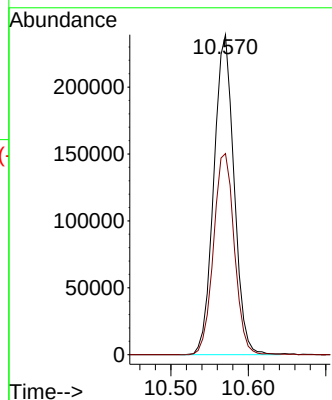
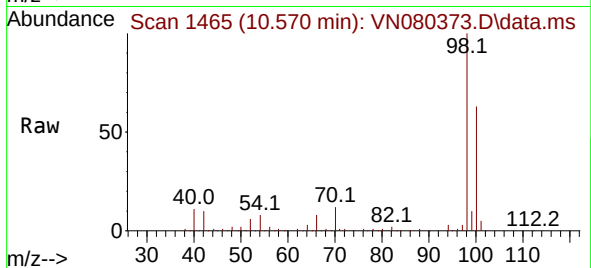




#50
Toluene-d8
Concen: 48.942 ug/l
RT: 10.570 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN080373.D
Acq: 05 Dec 2023 18:08

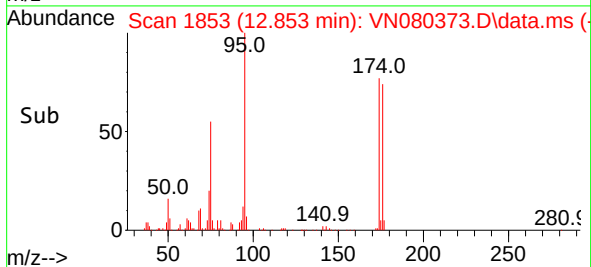
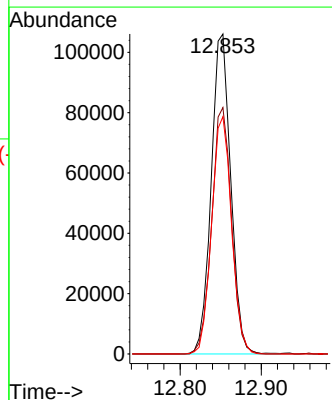
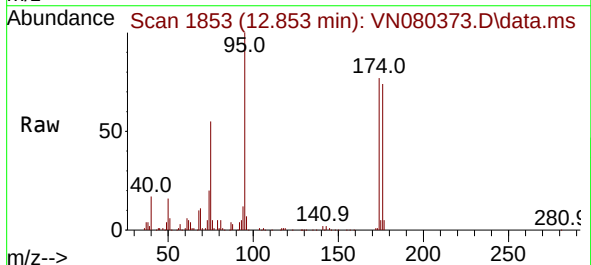
Instrument :
MSVOA_N
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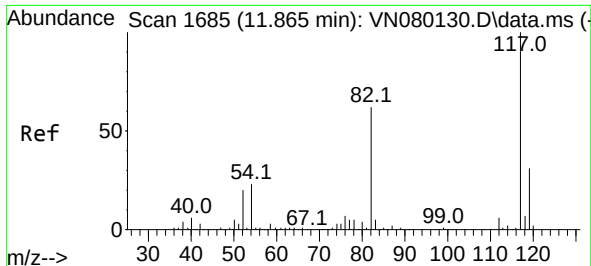
Tgt Ion: 98 Resp: 433343
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.044 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080373.D
Acq: 05 Dec 2023 18:08

Tgt Ion: 95 Resp: 177400
Ion Ratio Lower Upper
95 100
174 77.9 0.0 143.8
176 75.4 0.0 135.8

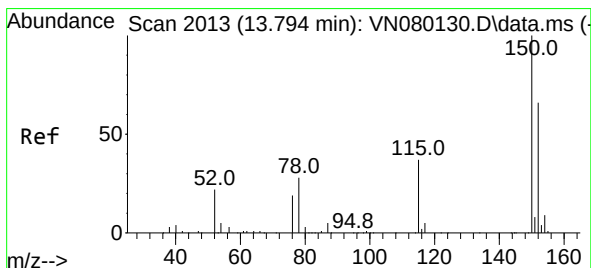
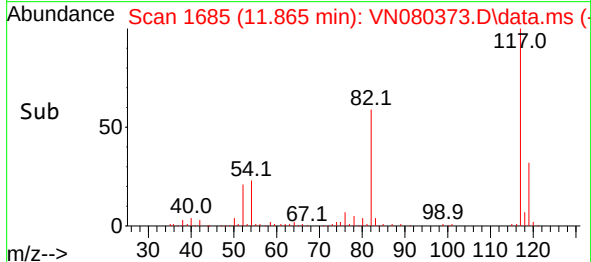
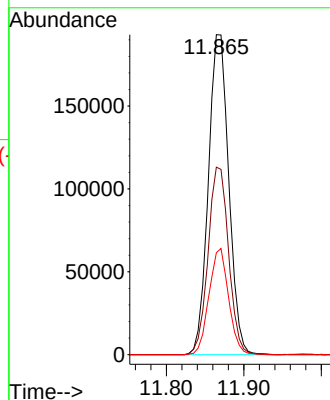
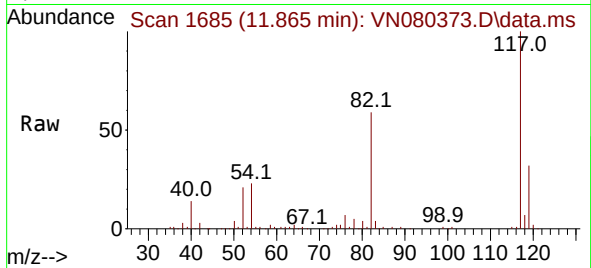




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080373.D
Acq: 05 Dec 2023 18:08

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 353039
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 31.8 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: VN080373.D
Acq: 05 Dec 2023 18:08

Tgt Ion:152 Resp: 161921
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 159.8 0.0 355.8

