

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072023\
 Data File : VN078591.D
 Acq On : 20 Jul 2023 13:45
 Operator : JC\MD
 Sample : 03670-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 N48909

Quant Time: Jul 21 06:11:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

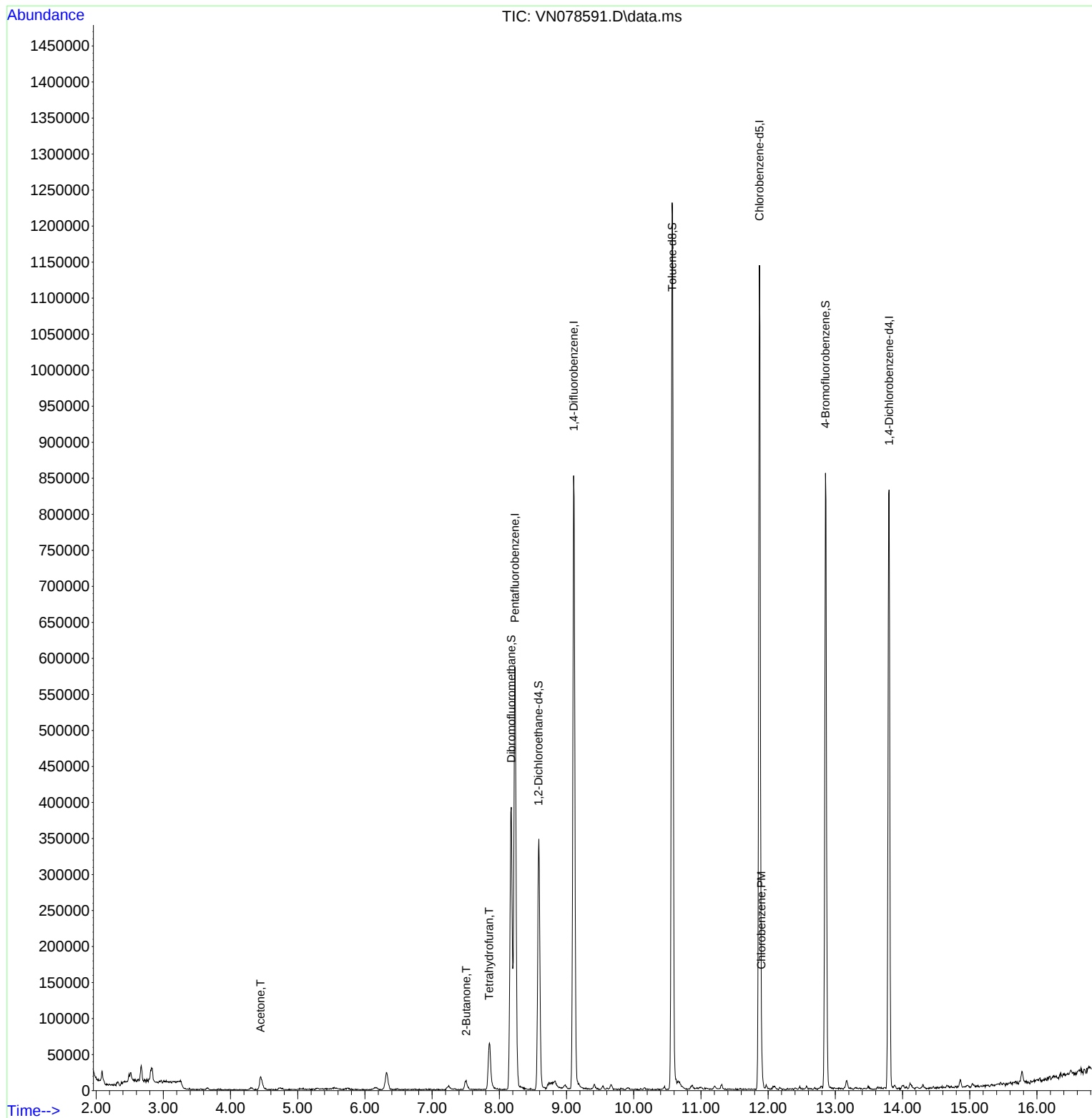
Internal Standards						
1) Pentafluorobenzene	8.230	168	436715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	762734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	706649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	243323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	281891	48.148	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.300%
35) Dibromofluoromethane	8.177	113	285186	55.080	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.160%
50) Toluene-d8	10.571	98	911176	46.584	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.160%
62) 4-Bromofluorobenzene	12.853	95	305980	50.787	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.580%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	34295	18.805	ug/l	90
25) 2-Butanone	7.506	43	20861	7.267	ug/l	99
29) Tetrahydrofuran	7.847	42	48951	25.986	ug/l #	82
65) Chlorobenzene	11.900	112	5764	0.365	ug/l #	76

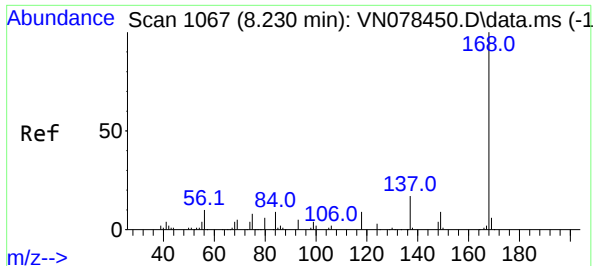
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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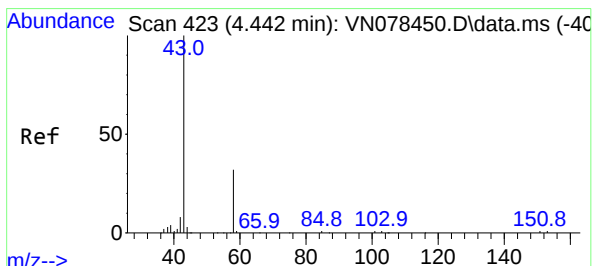
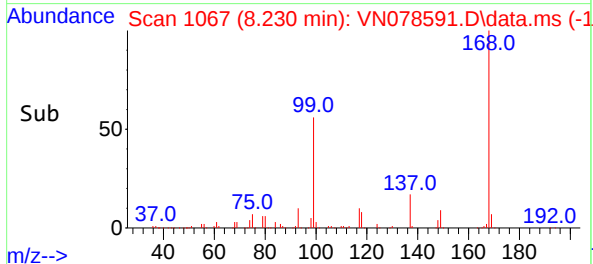
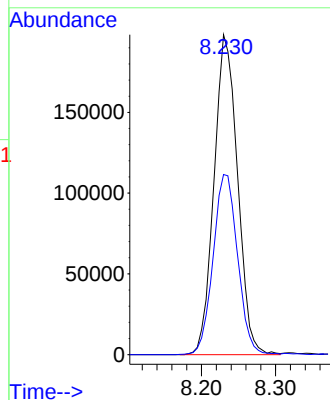
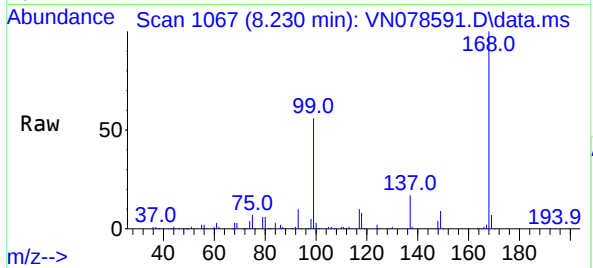




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078591.D
Acq: 20 Jul 2023 13:45

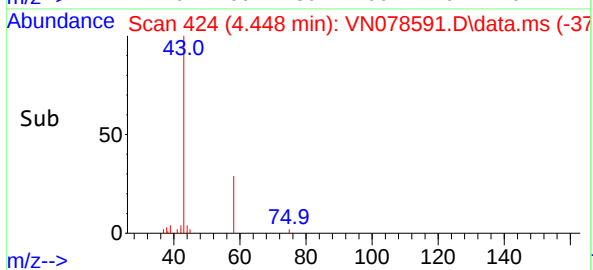
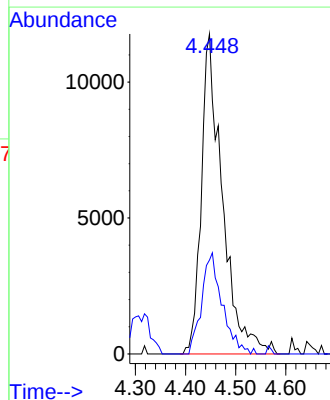
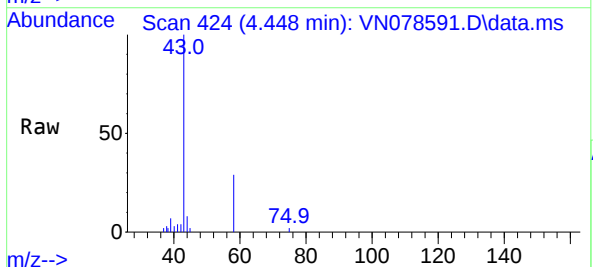
Instrument :
MSVOA_N
ClientSampleId :
N48909

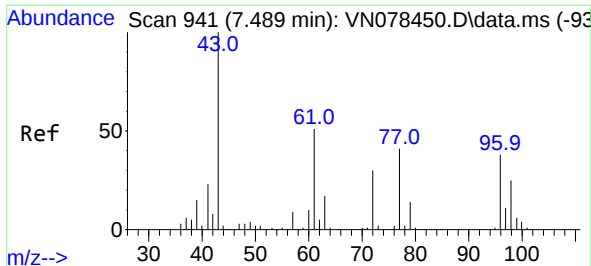
Tgt Ion:168 Resp: 436715
Ion Ratio Lower Upper
168 100
99 56.2 53.0 79.6



#16
Acetone
Concen: 18.805 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN078591.D
Acq: 20 Jul 2023 13:45

Tgt Ion: 43 Resp: 34295
Ion Ratio Lower Upper
43 100
58 29.3 28.0 42.0

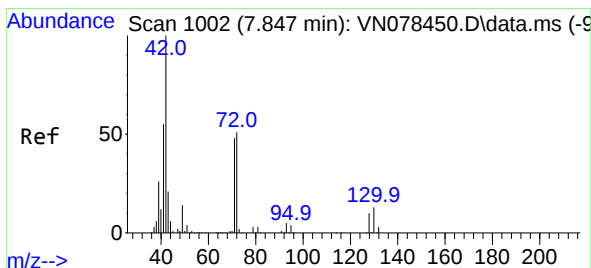
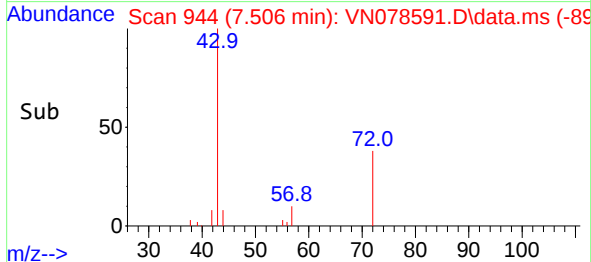
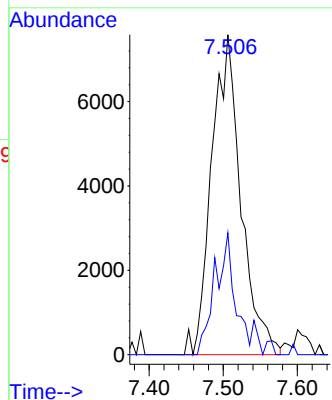
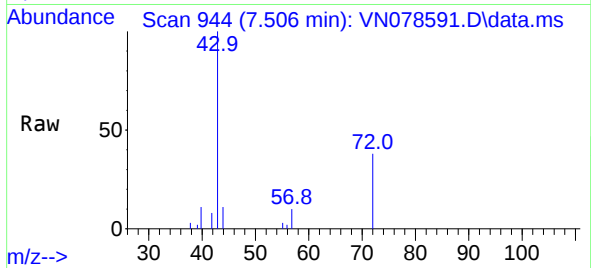




#25
2-Butanone
Concen: 7.267 ug/l
RT: 7.506 min Scan# 941
Delta R.T. 0.017 min
Lab File: VN078591.D
Acq: 20 Jul 2023 13:45

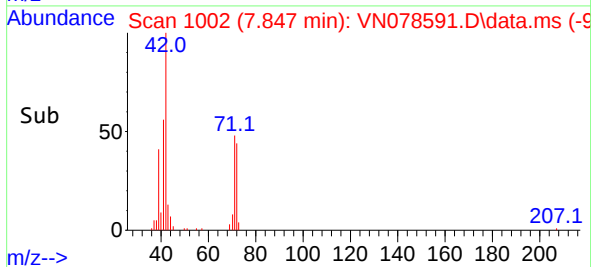
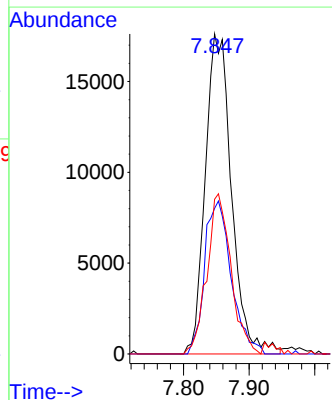
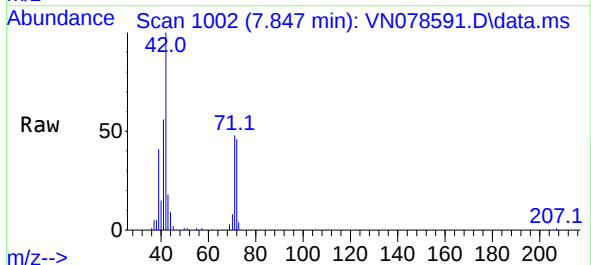
Instrument :
MSVOA_N
ClientSampleId :
N48909

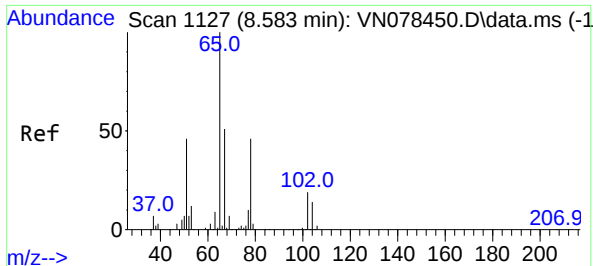
Tgt Ion: 43 Resp: 20861
Ion Ratio Lower Upper
43 100
72 38.1 30.2 45.2



#29
Tetrahydrofuran
Concen: 25.986 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078591.D
Acq: 20 Jul 2023 13:45

Tgt Ion: 42 Resp: 48951
Ion Ratio Lower Upper
42 100
72 48.6 49.8 74.6#
71 45.9 47.4 71.2#

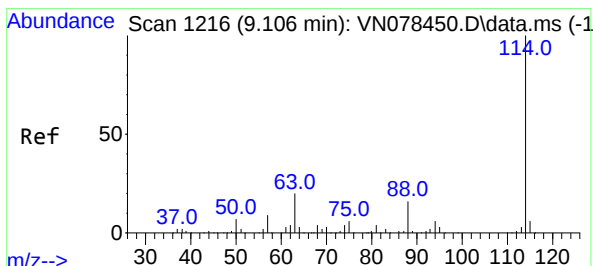
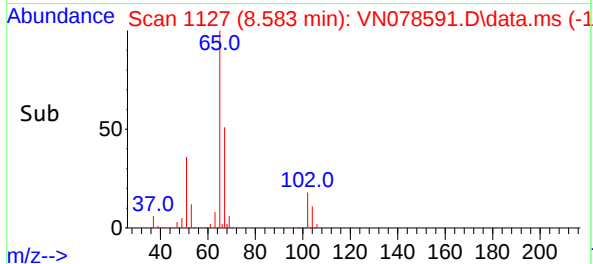
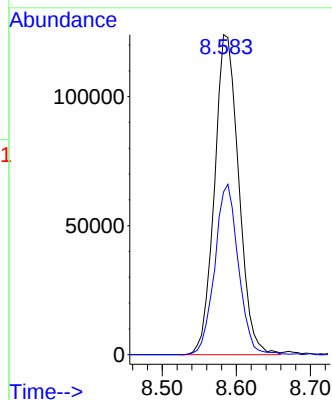
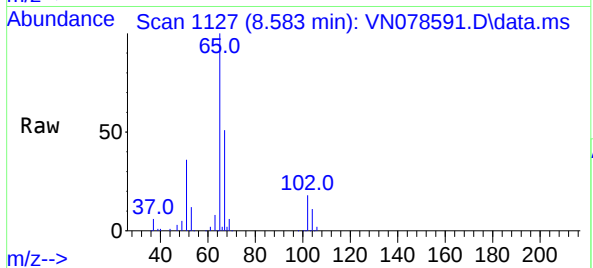




#33
1,2-Dichloroethane-d4
Concen: 48.148 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078591.D
Acq: 20 Jul 2023 13:45

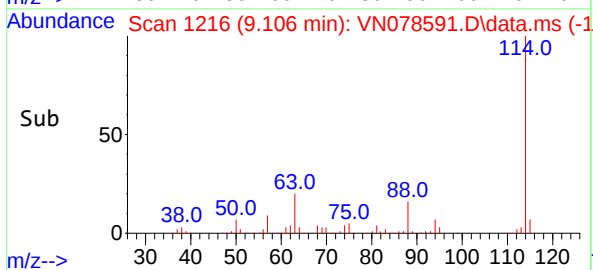
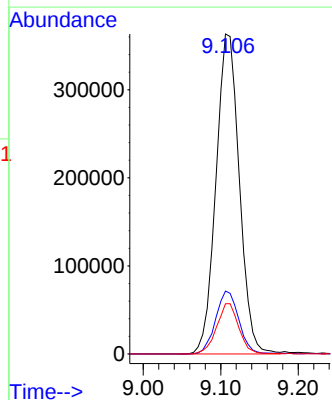
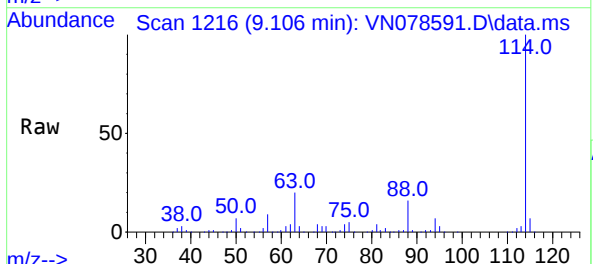
Instrument :
MSVOA_N
ClientSampleId :
N48909

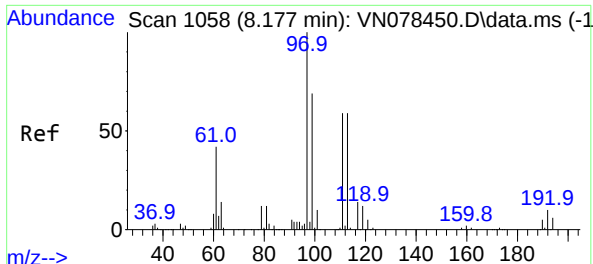
Tgt Ion: 65 Resp: 281891
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078591.D
Acq: 20 Jul 2023 13:45

Tgt Ion: 114 Resp: 762734
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.4
88 15.7 0.0 30.6

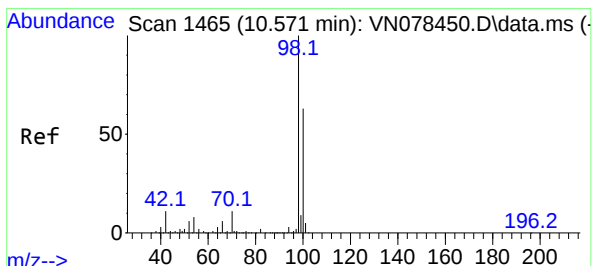
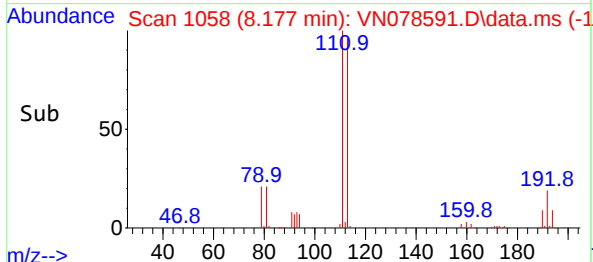
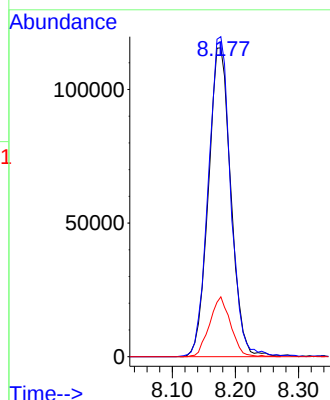
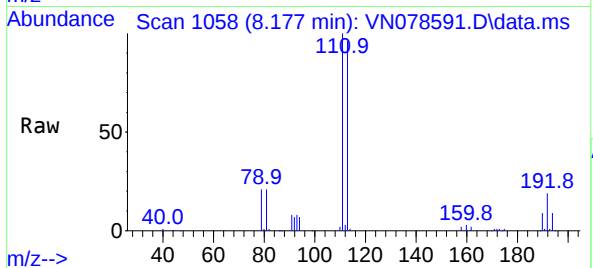




#35
Dibromofluoromethane
Concen: 55.080 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078591.D
Acq: 20 Jul 2023 13:45

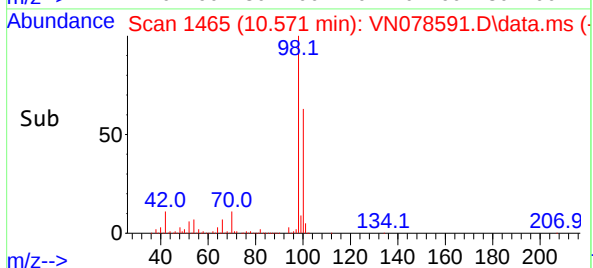
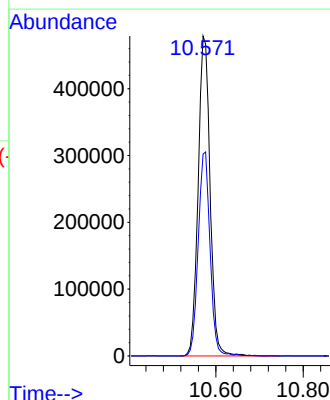
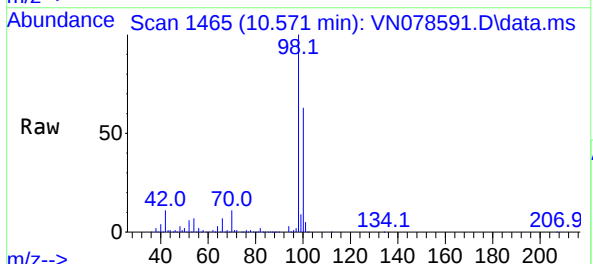
Instrument :
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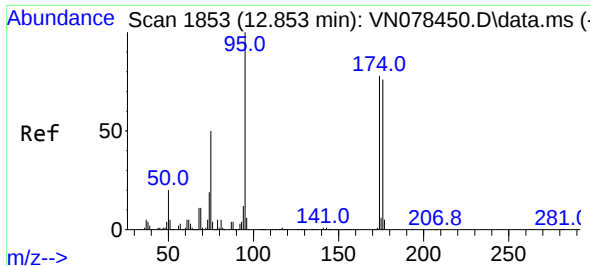
Tgt Ion:113 Resp: 285186
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 18.1 12.7 19.1



#50
Toluene-d8
Concen: 46.584 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078591.D
Acq: 20 Jul 2023 13:45

Tgt Ion: 98 Resp: 911176
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0

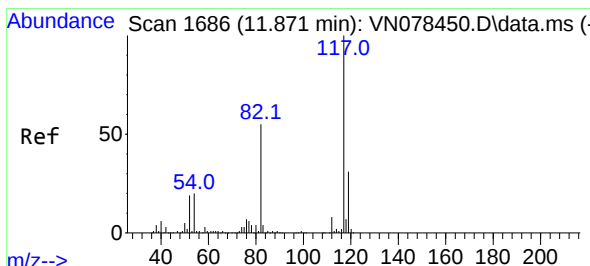
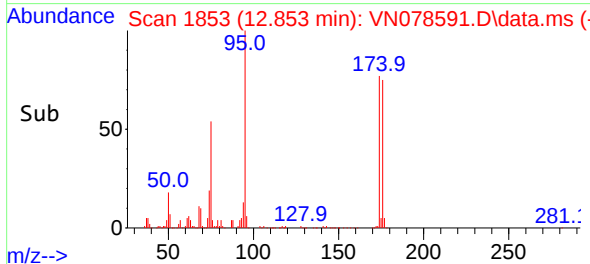
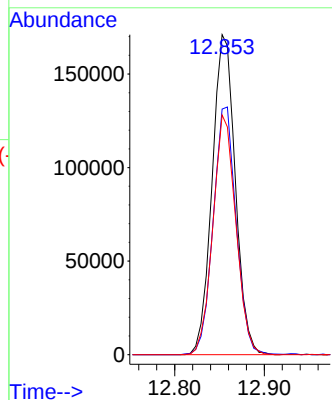
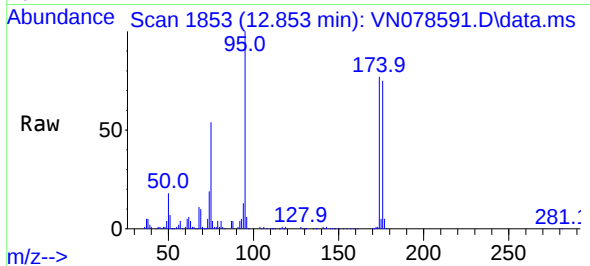




#62
4-Bromofluorobenzene
Concen: 50.787 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078591.D
Acq: 20 Jul 2023 13:45

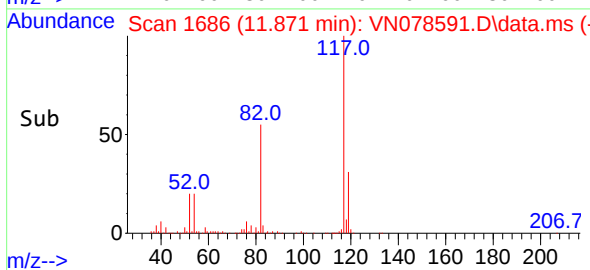
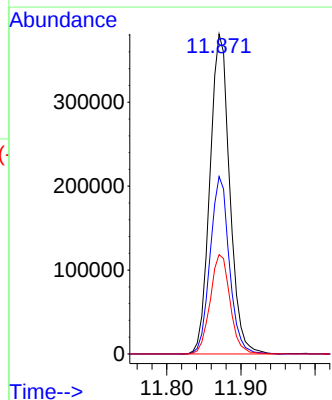
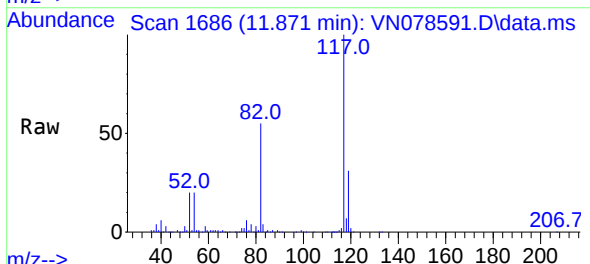
Instrument :
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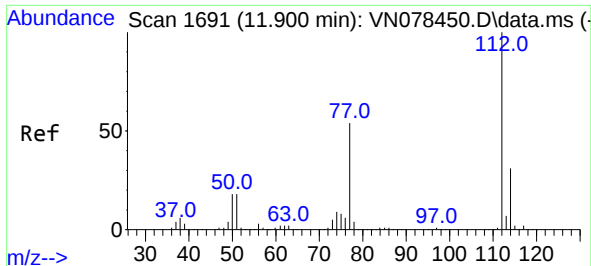
Tgt Ion: 95 Resp: 305980
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.8
176 74.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078591.D
Acq: 20 Jul 2023 13:45

Tgt Ion: 117 Resp: 706649
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 31.1 25.6 38.4

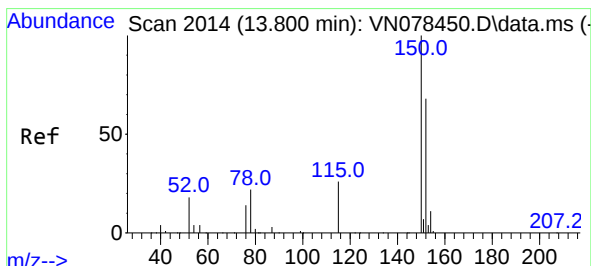
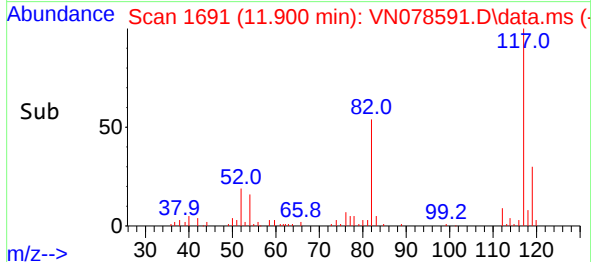
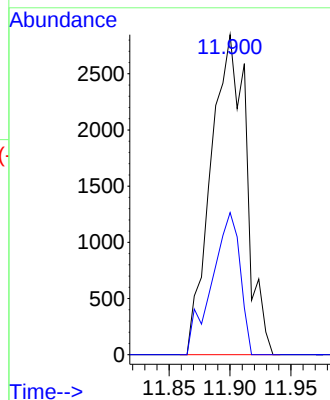
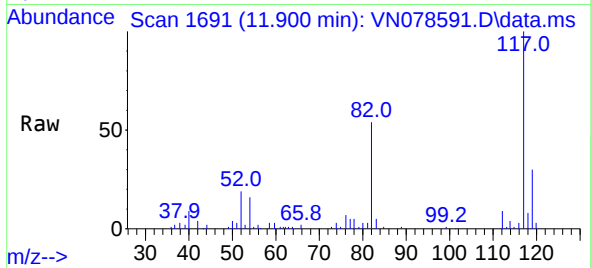




#65
Chlorobenzene
Concen: 0.365 ug/l
RT: 11.900 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078591.D
Acq: 20 Jul 2023 13:45

Instrument :
MSVOA_N
ClientSampleId :
N48909

Tgt Ion:112 Resp: 5764
Ion Ratio Lower Upper
112 100
114 44.4 25.0 37.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078591.D
Acq: 20 Jul 2023 13:45

Tgt Ion:152 Resp: 243323
Ion Ratio Lower Upper
152 100
115 59.7 32.3 96.8
150 154.9 0.0 355.8

