

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081222\
 Data File : VN073851.D
 Acq On : 12 Aug 2022 14:59
 Operator : JC\MD
 Sample : N4194-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Aug 13 05:03:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	423745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	663743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	628132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	295856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	253170	49.026	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.060%
35) Dibromofluoromethane	7.951	113	235487	56.500	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.000%
50) Toluene-d8	10.380	98	756706	46.137	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.280%
62) 4-Bromofluorobenzene	12.674	95	273862	47.699	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.400%

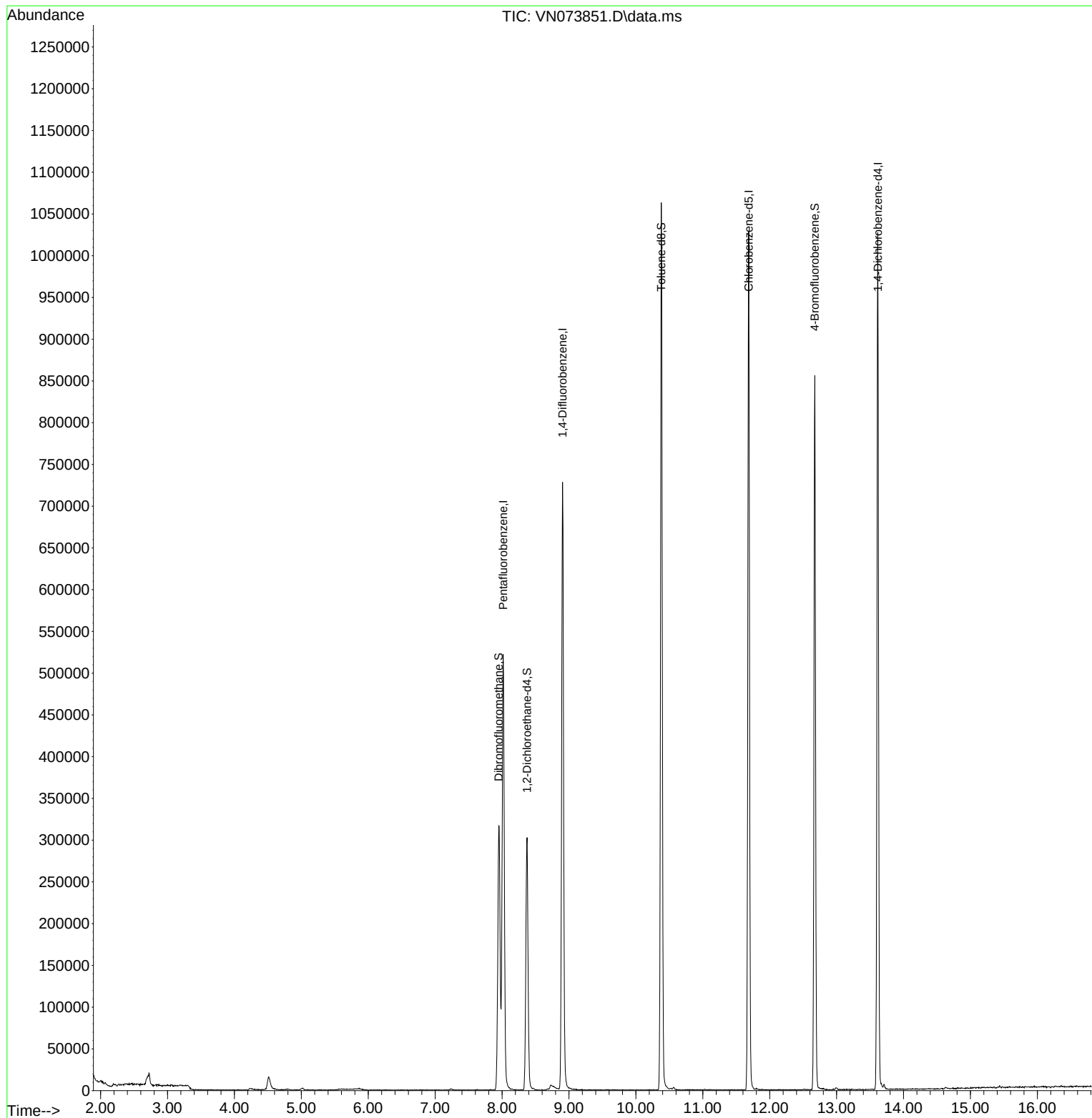
Target Compounds	Qvalue

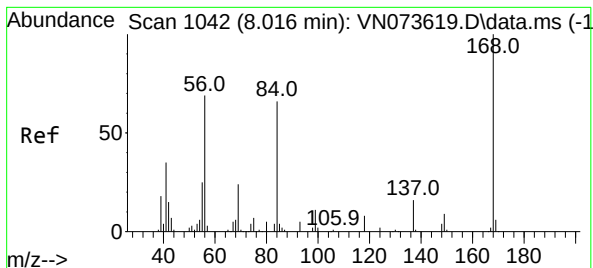
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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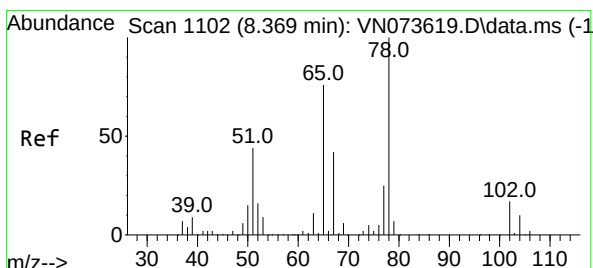
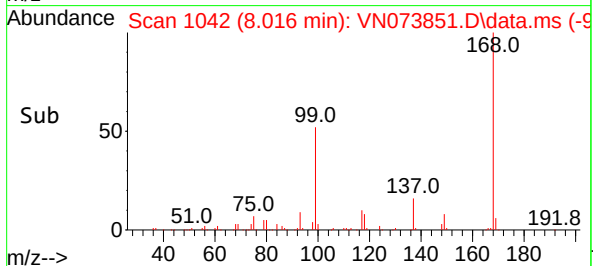
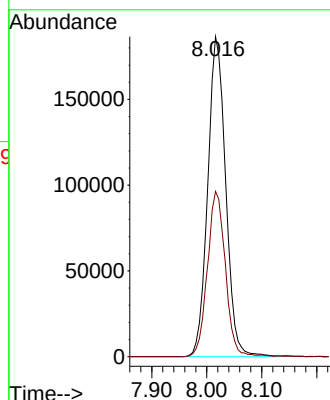
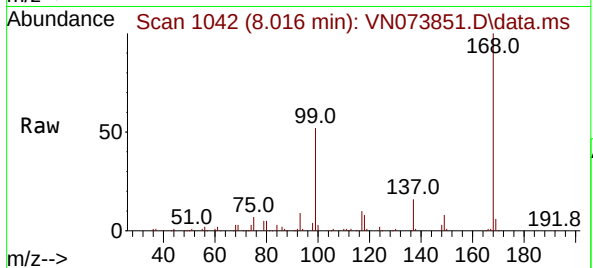




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

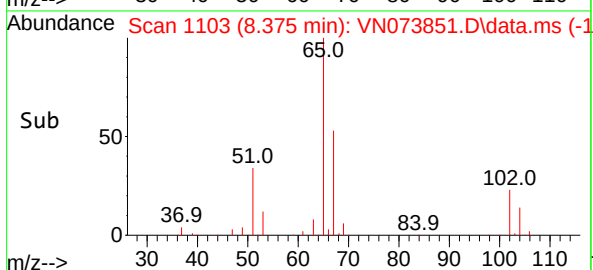
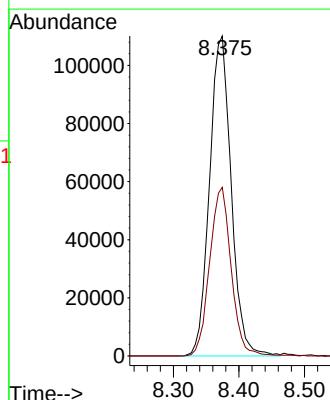
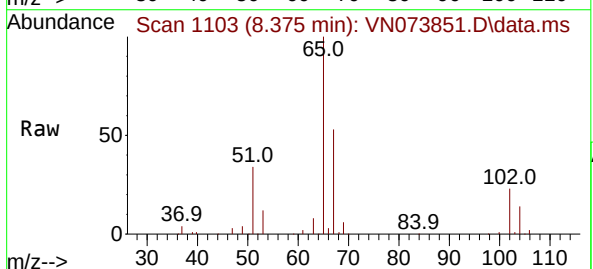
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

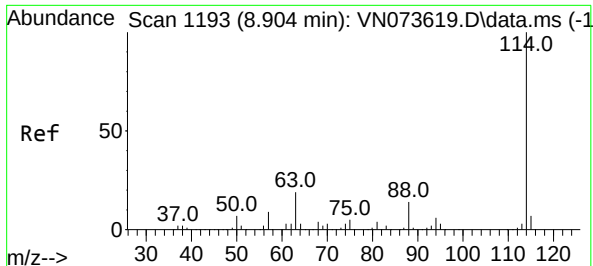
Tgt Ion:168 Resp: 423745
Ion Ratio Lower Upper
168 100
99 51.7 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 49.026 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

Tgt Ion: 65 Resp: 253170
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8

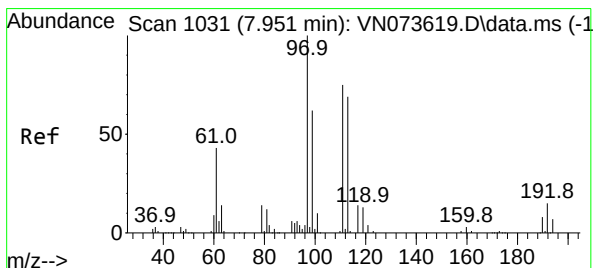
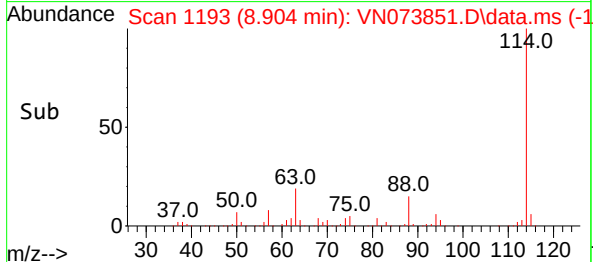
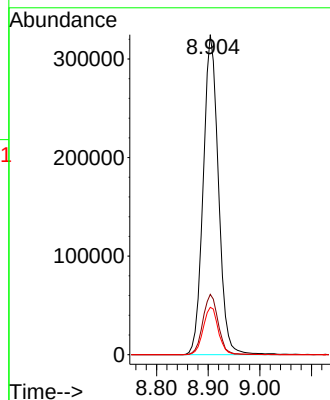
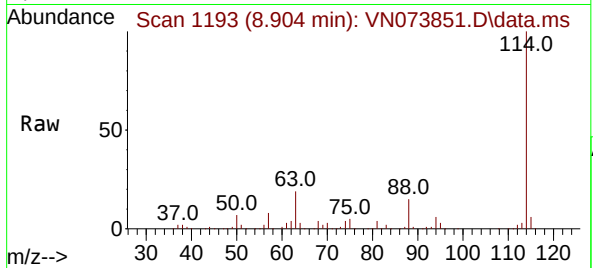




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

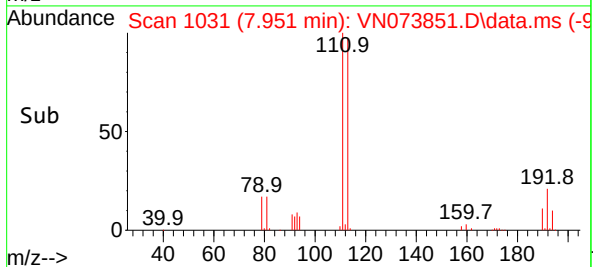
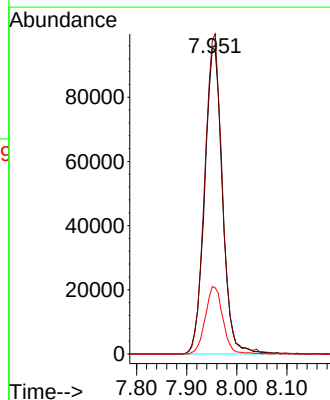
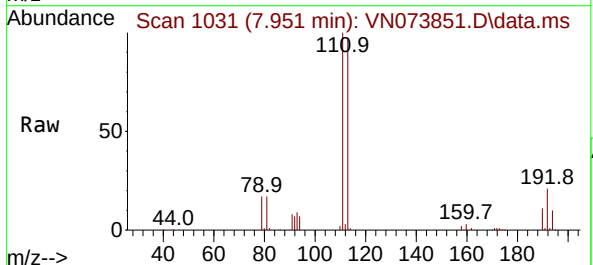
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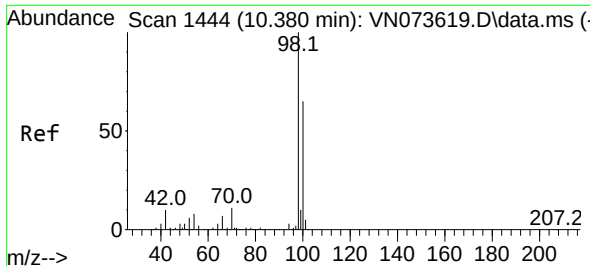
Tgt Ion:114 Resp: 663743
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.0
88 14.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 56.500 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

Tgt Ion:113 Resp: 235487
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 21.7 17.0 25.6

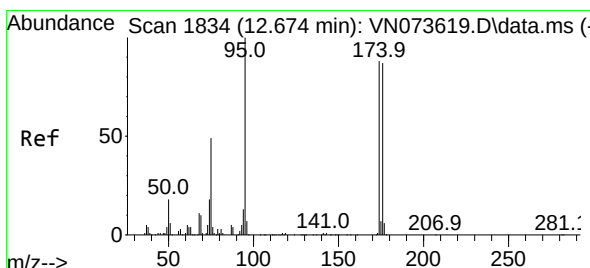
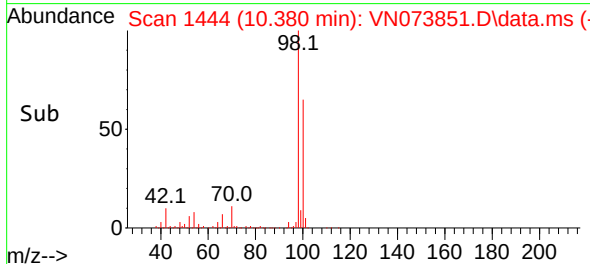
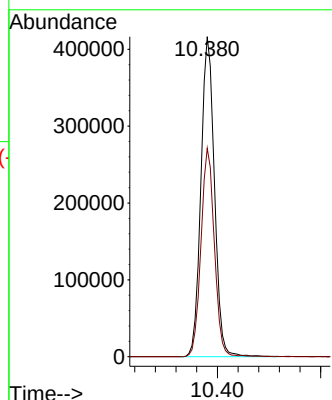
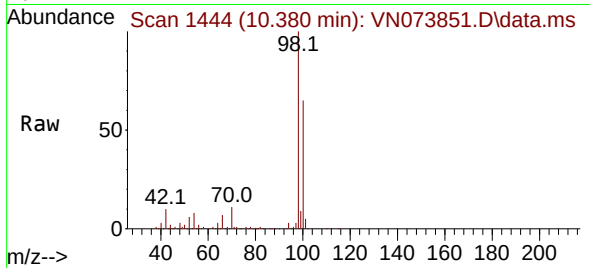




#50
Toluene-d8
Concen: 46.137 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

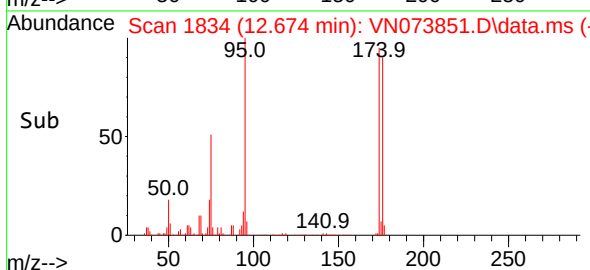
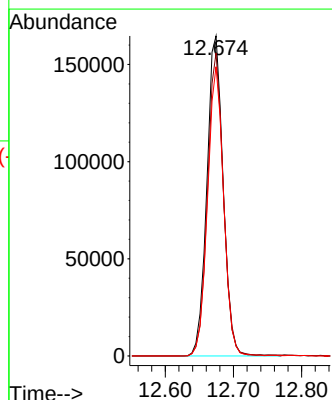
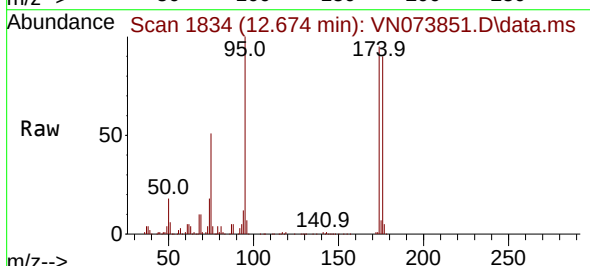
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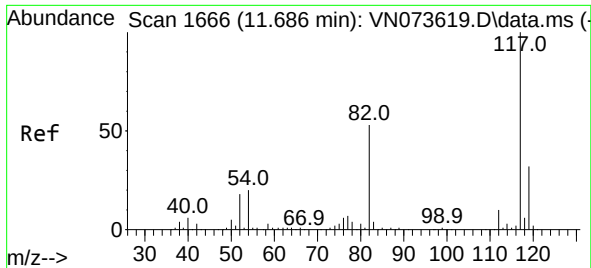
Tgt Ion: 98 Resp: 756706
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.699 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

Tgt Ion: 95 Resp: 273862
Ion Ratio Lower Upper
95 100
174 92.7 0.0 167.6
176 89.0 0.0 163.4

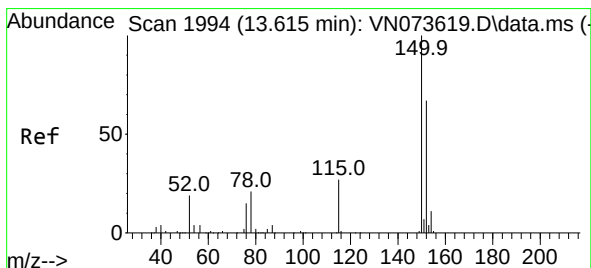
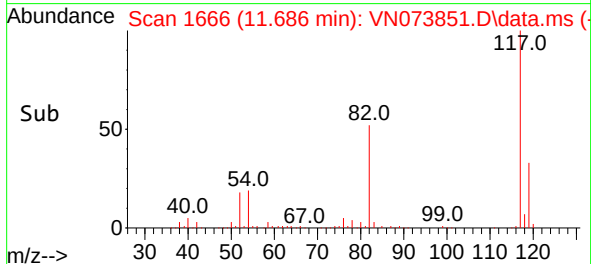
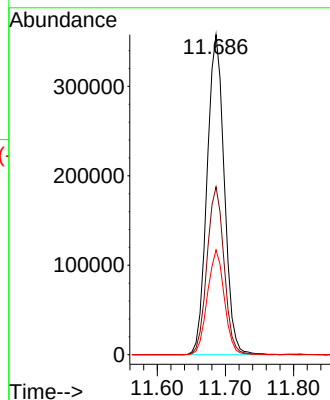
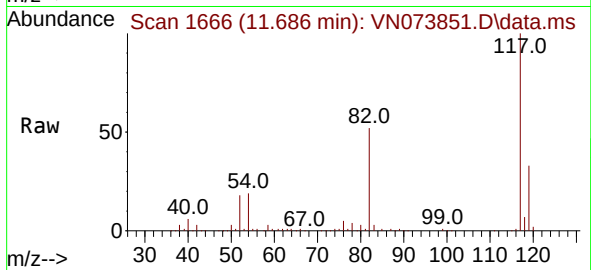




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 628132
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073851.D
Acq: 12 Aug 2022 14:59

Tgt Ion:152 Resp: 295856
Ion Ratio Lower Upper
152 100
115 55.3 28.9 86.7
150 157.3 0.0 356.2

