

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022322\
 Data File : VN071042.D
 Acq On : 23 Feb 2022 18:57
 Operator : JC\MD
 Sample : N1642-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31457

Quant Time: Feb 24 00:41:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.087	168	880464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1386528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1227641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	415708	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	519615	51.663	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.320%
35) Dibromofluoromethane	8.022	113	408634	49.549	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.100%
50) Toluene-d8	10.439	98	1679985	50.725	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.440%
62) 4-Bromofluorobenzene	12.727	95	556766	47.031	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.060%

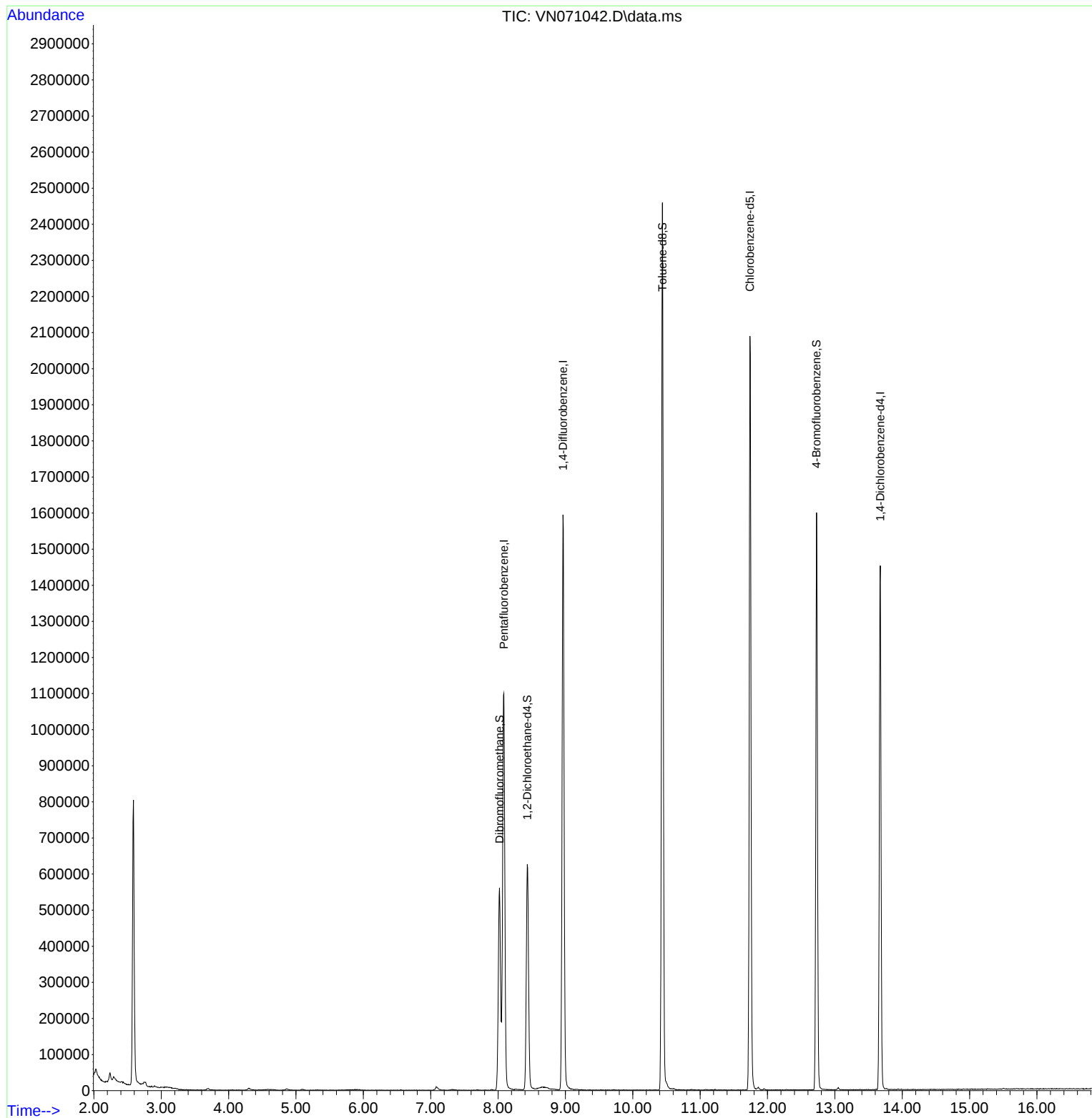
Target Compounds	Qvalue

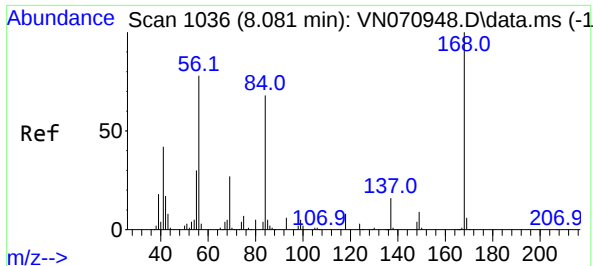
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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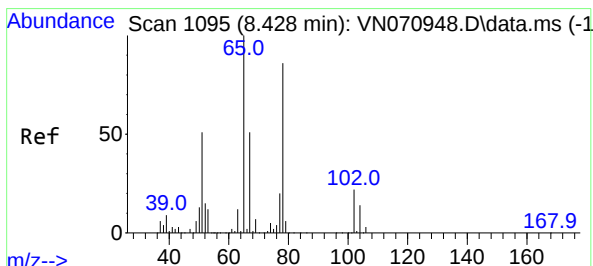
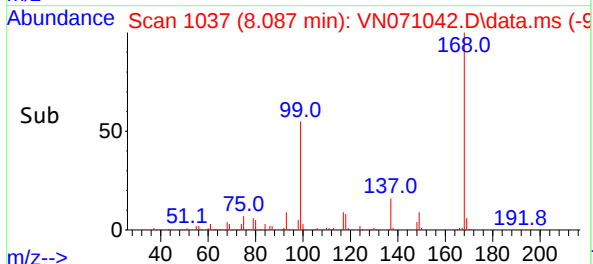
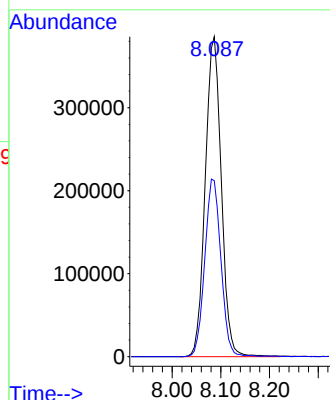
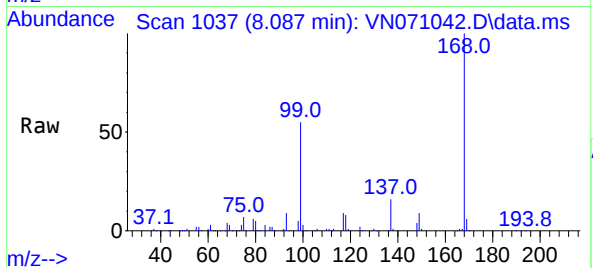




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

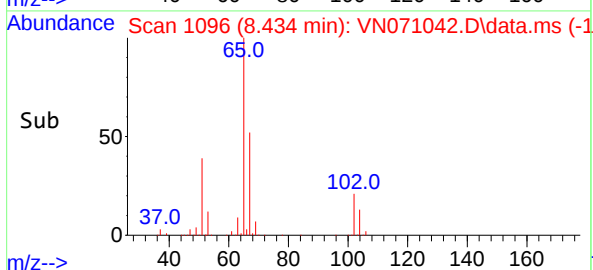
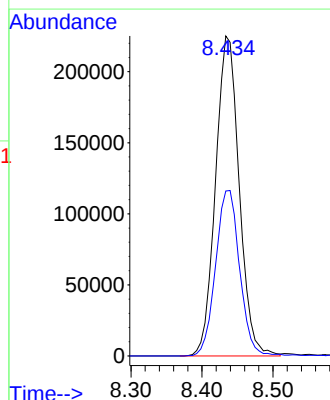
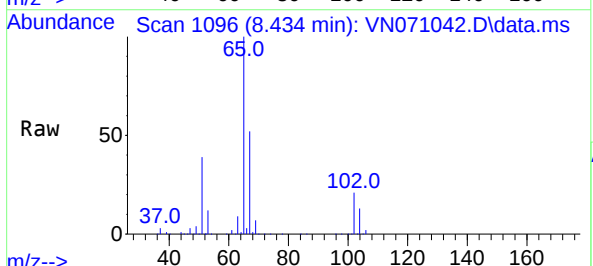
Instrument :
MSVOA_N
ClientSampleId :
31457

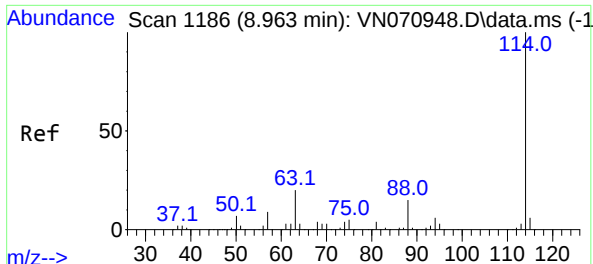
Tgt Ion:168 Resp: 880464
Ion Ratio Lower Upper
168 100
99 55.0 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 51.663 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

Tgt Ion: 65 Resp: 519615
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.0

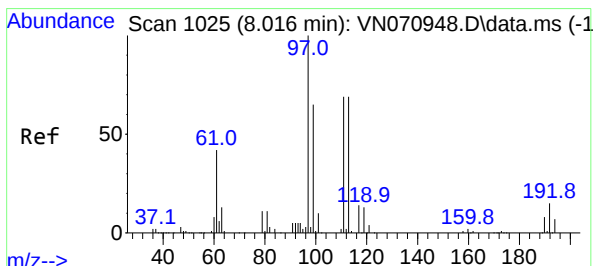
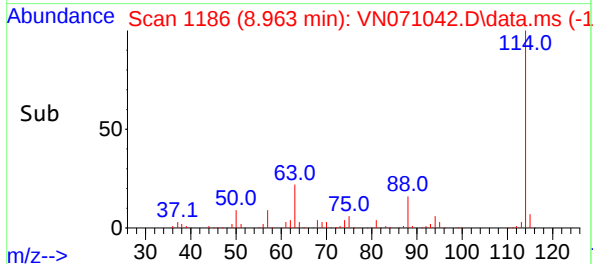
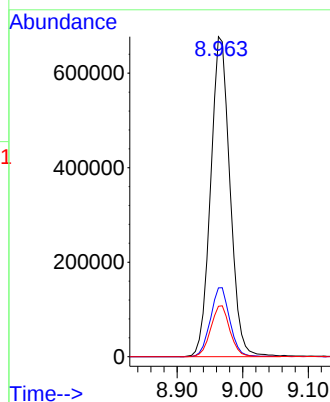
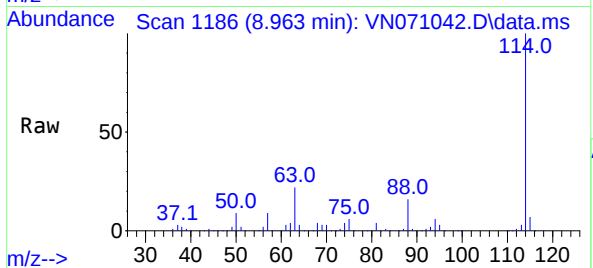




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

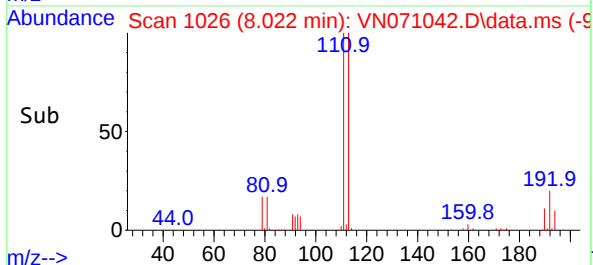
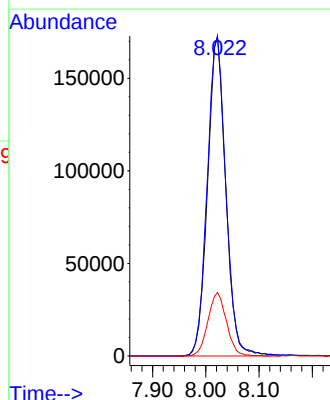
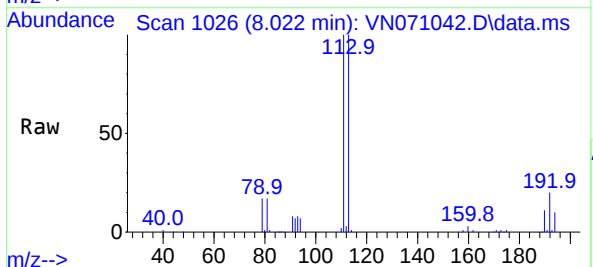
Instrument :
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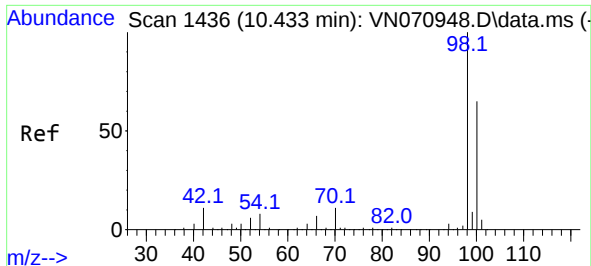
Tgt Ion:114 Resp: 1386528
Ion Ratio Lower Upper
114 100
63 21.5 0.0 37.8
88 15.8 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.549 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

Tgt Ion:113 Resp: 408634
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 20.2 16.9 25.3

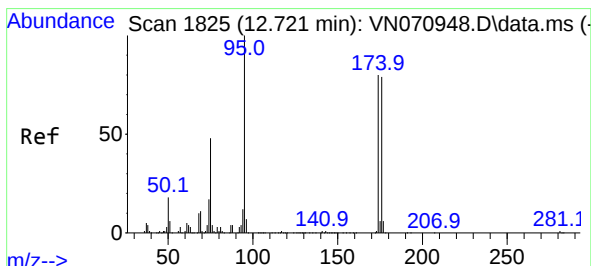
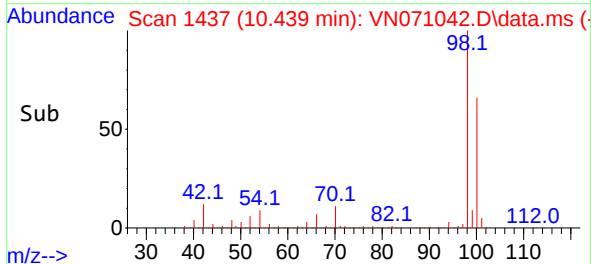
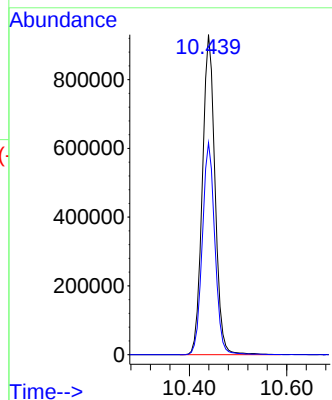
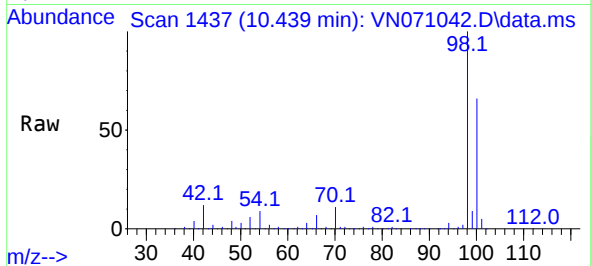




#50
Toluene-d8
Concen: 50.725 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

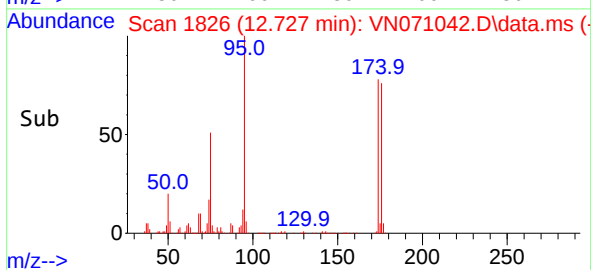
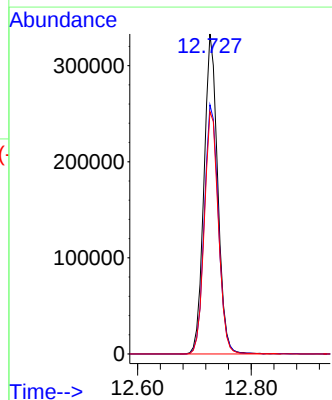
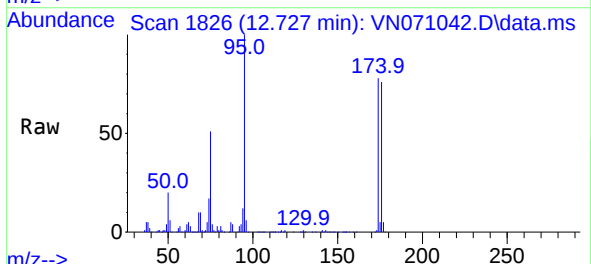
Instrument :
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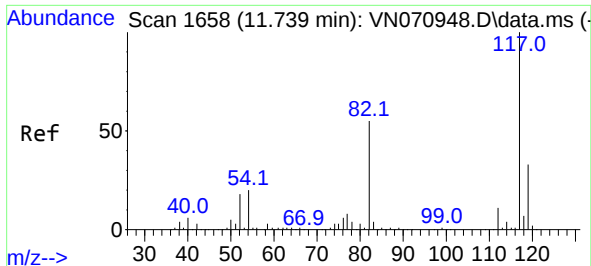
Tgt Ion: 98 Resp: 1679985
Ion Ratio Lower Upper
98 100
100 65.9 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 47.031 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

Tgt Ion: 95 Resp: 556766
Ion Ratio Lower Upper
95 100
174 80.1 0.0 187.2
176 77.5 0.0 181.4

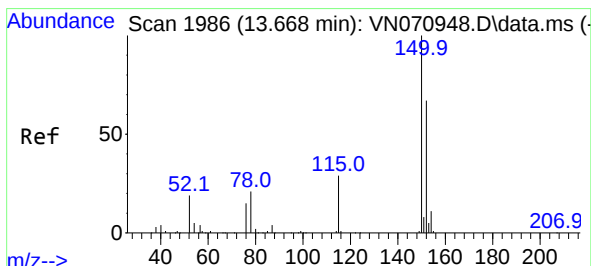
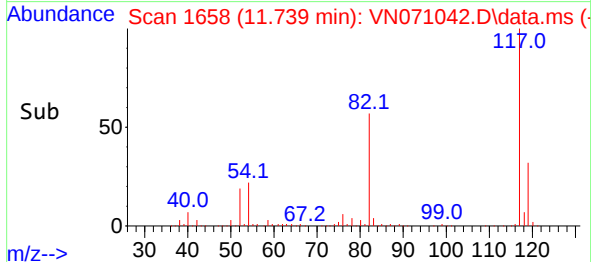
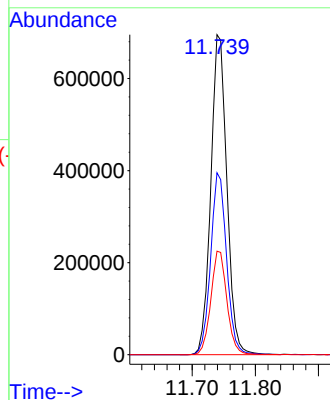
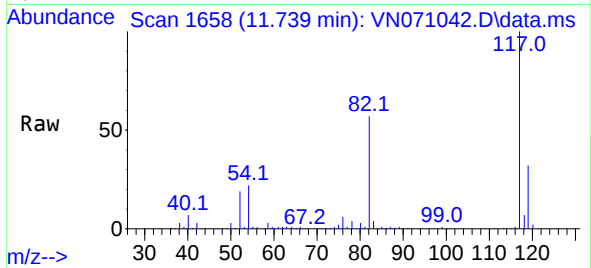




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

Instrument :
MSVOA_N
ClientSampleId :
31457

Tgt Ion:117 Resp: 1227641
Ion Ratio Lower Upper
117 100
82 56.8 42.4 63.6
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

Tgt Ion:152 Resp: 415708
Ion Ratio Lower Upper
152 100
115 58.1 27.5 82.5
150 159.1 0.0 344.4

