

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072563.D
 Acq On : 19 May 2022 18:28
 Operator : JC\MD
 Sample : N2965-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31600

Quant Time: May 20 06:55:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	285629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	424487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	371598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	134889	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	245121	55.234	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.460%
35) Dibromofluoromethane	8.022	113	163055	56.929	ug/l	0.01
Spiked Amount	50.000	Range	69 - 133	Recovery	=	113.860%
50) Toluene-d8	10.439	98	586790	54.125	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.240%
62) 4-Bromofluorobenzene	12.727	95	189914	46.116	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.240%

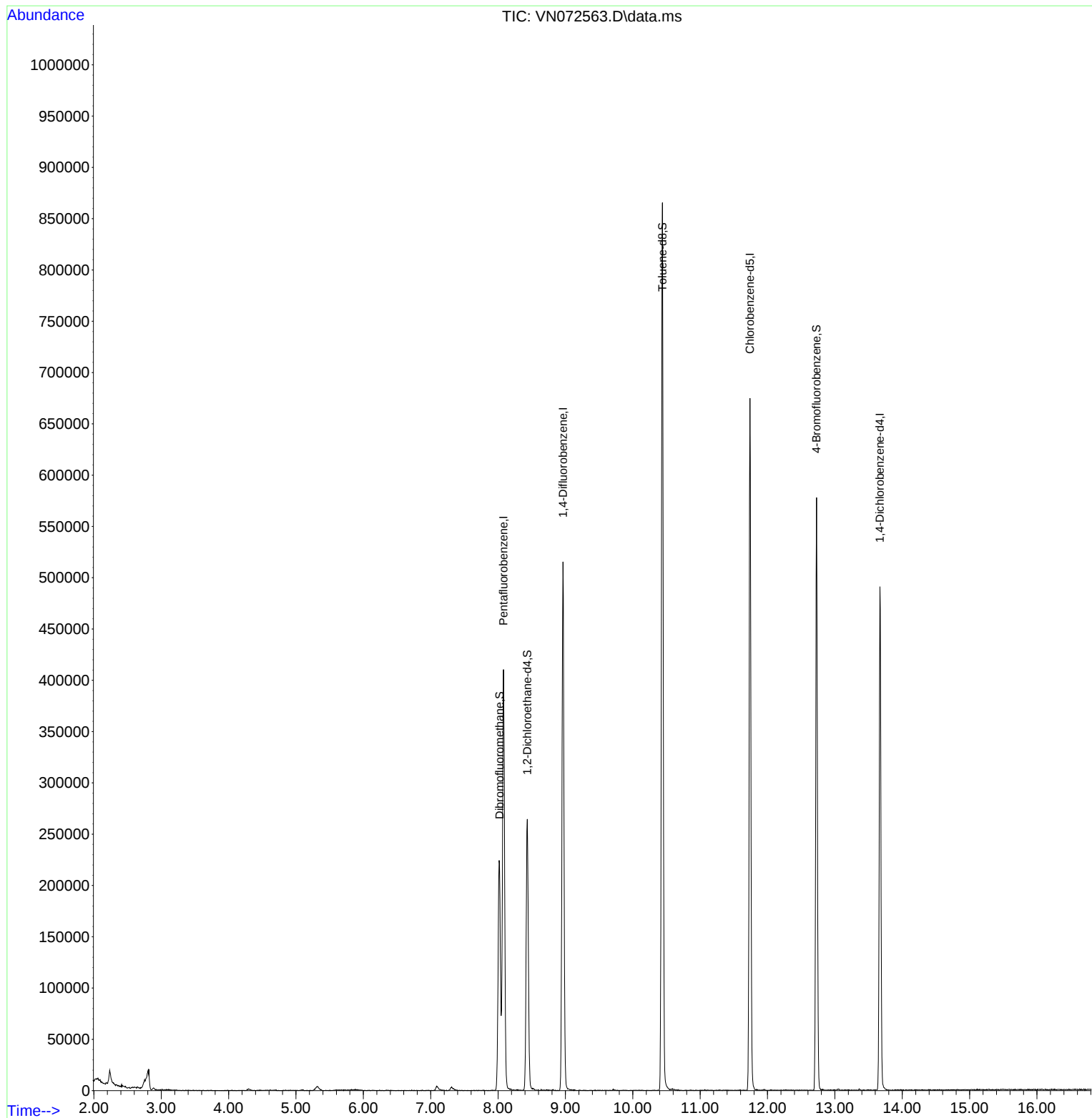
Target Compounds	Qvalue

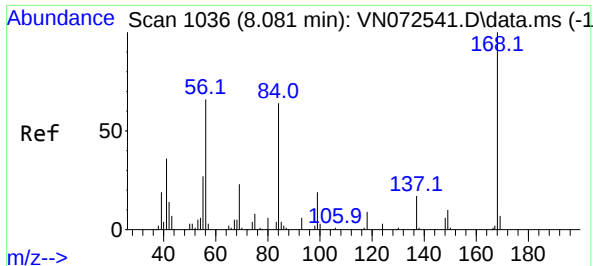
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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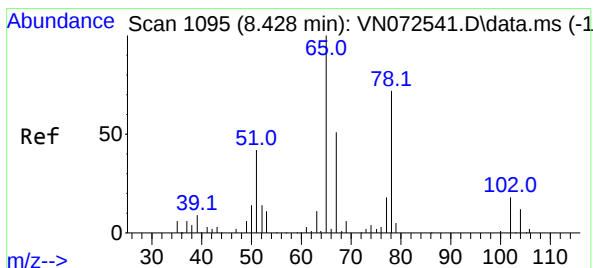
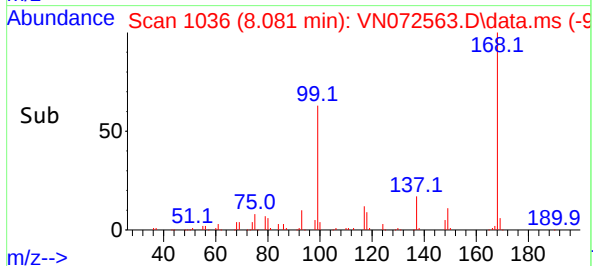
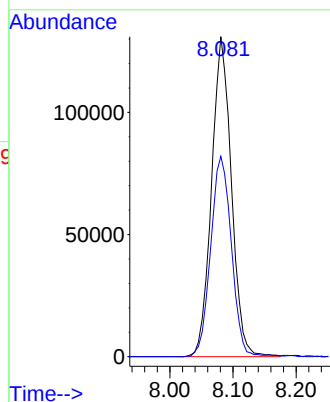
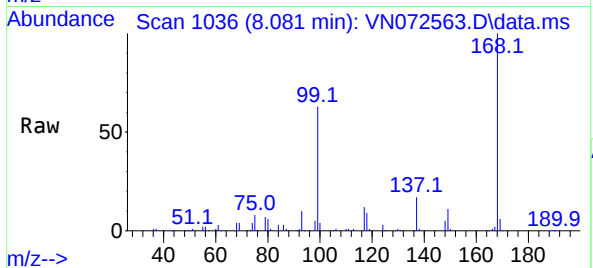




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072563.D
Acq: 19 May 2022 18:28

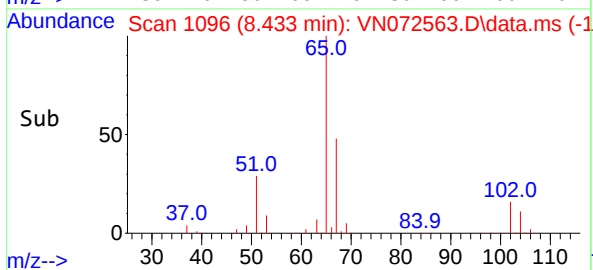
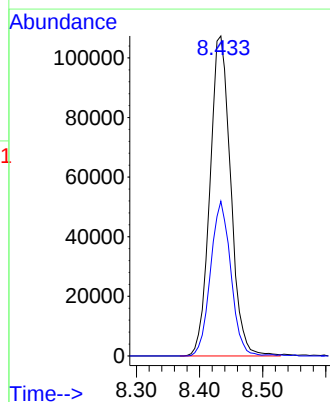
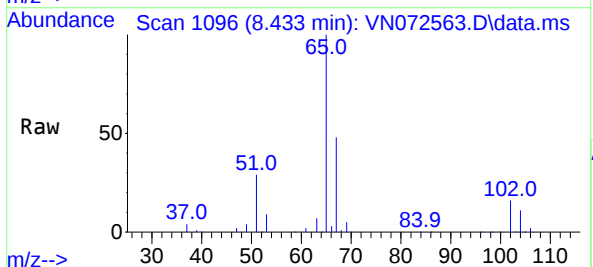
Instrument :
MSVOA_N
ClientSampleId :
31600

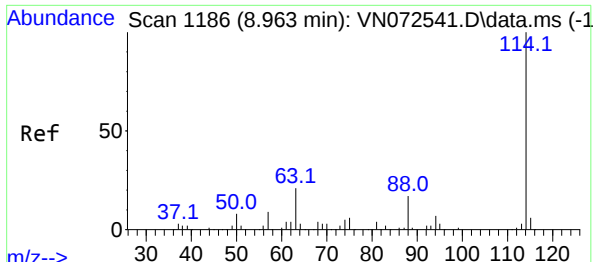
Tgt Ion:168 Resp: 285629
Ion Ratio Lower Upper
168 100
99 62.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 55.234 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.005 min
Lab File: VN072563.D
Acq: 19 May 2022 18:28

Tgt Ion: 65 Resp: 245121
Ion Ratio Lower Upper
65 100
67 47.2 0.0 104.8

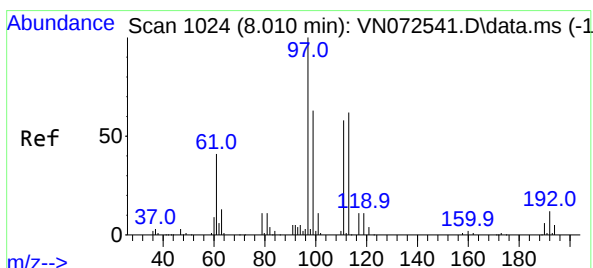
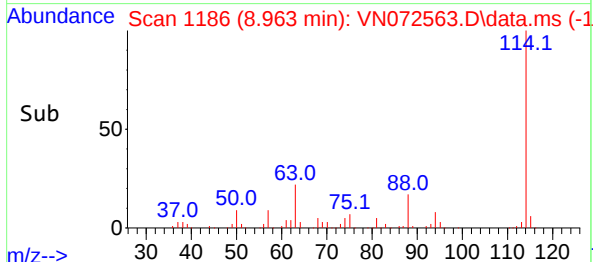
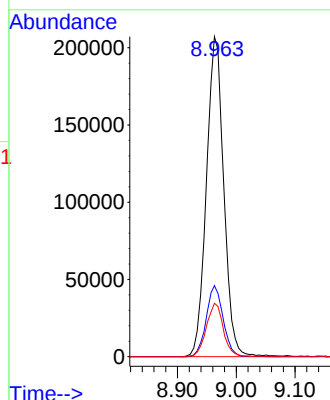
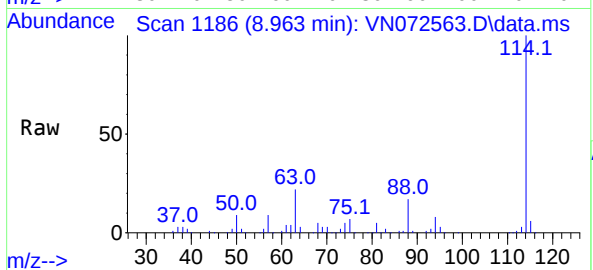




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072563.D
Acq: 19 May 2022 18:28

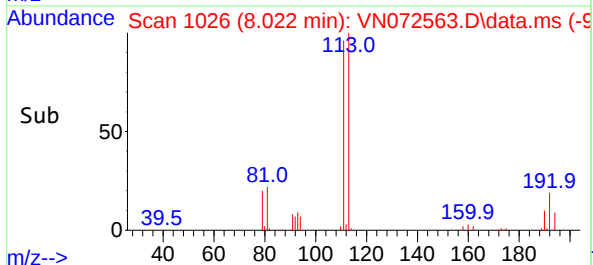
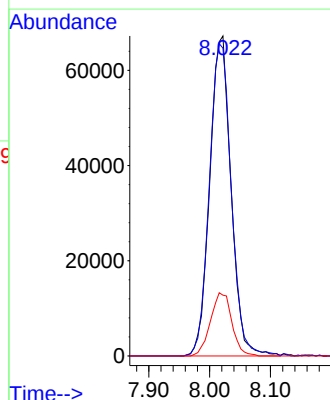
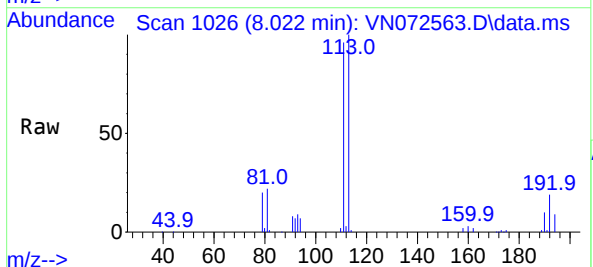
Instrument :
MSVOA_N
ClientSampleId :
31600

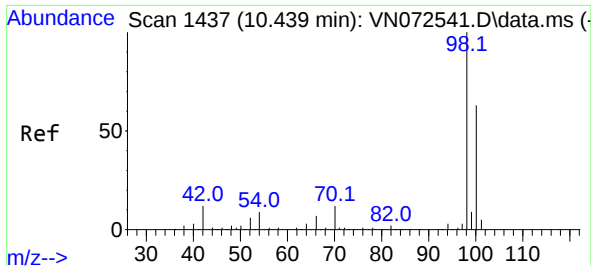
Tgt Ion:114 Resp: 424487
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.0
88 16.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 56.929 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.012 min
Lab File: VN072563.D
Acq: 19 May 2022 18:28

Tgt Ion:113 Resp: 163055
Ion Ratio Lower Upper
113 100
111 100.8 81.4 122.0
192 19.8 17.0 25.6

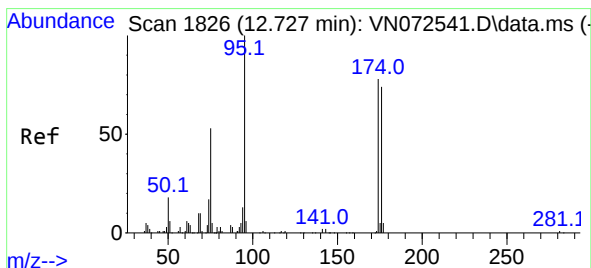
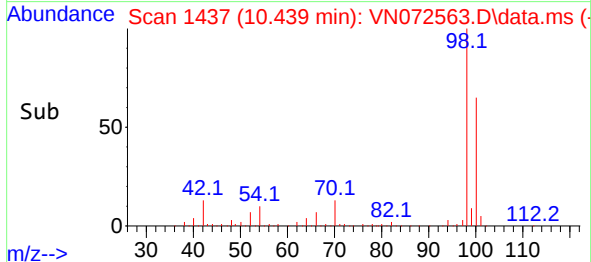
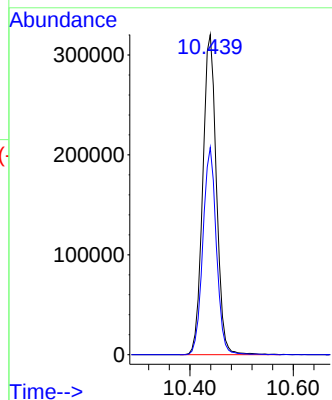
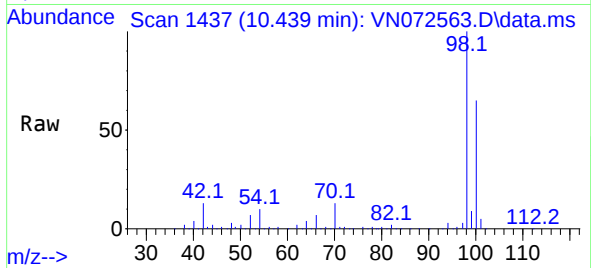




#50
Toluene-d8
Concen: 54.125 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072563.D
Acq: 19 May 2022 18:28

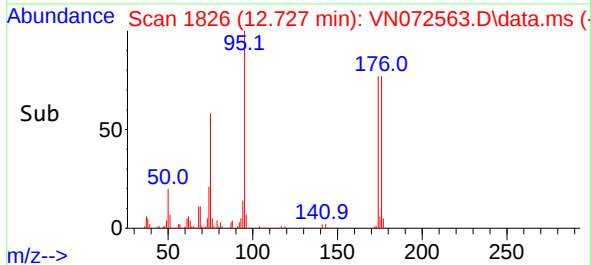
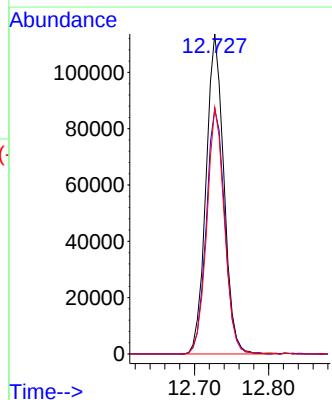
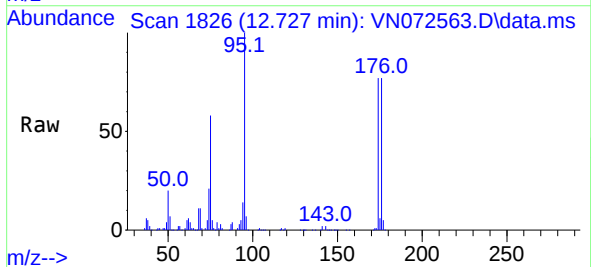
Instrument :
MSVOA_N
ClientSampleId :
31600

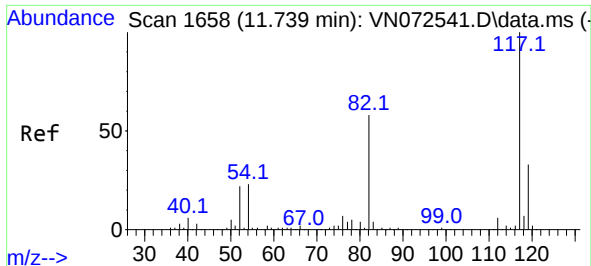
Tgt Ion: 98 Resp: 586790
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.116 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072563.D
Acq: 19 May 2022 18:28

Tgt Ion: 95 Resp: 189914
Ion Ratio Lower Upper
95 100
174 79.4 0.0 167.6
176 76.1 0.0 163.4

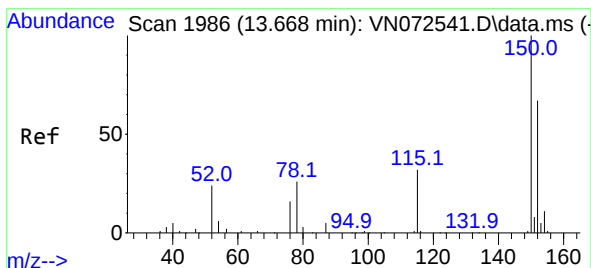
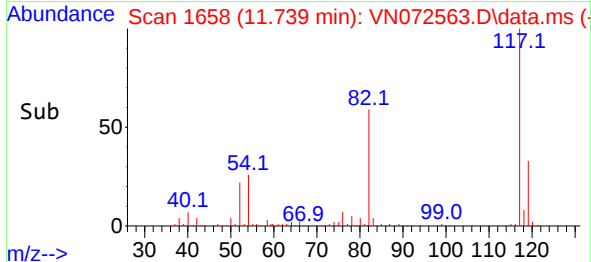
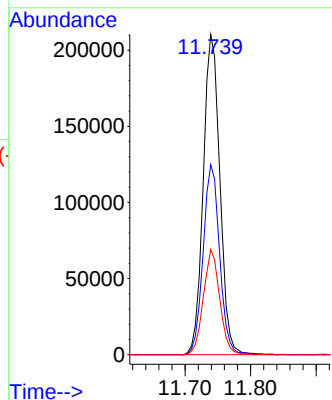
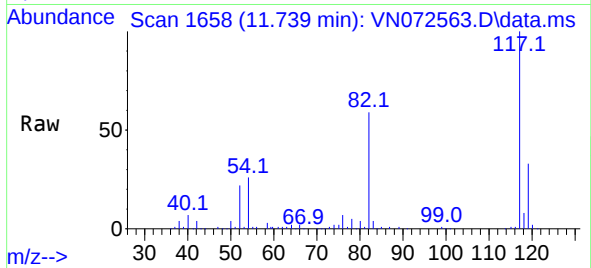




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072563.D
Acq: 19 May 2022 18:28

Instrument :
MSVOA_N
ClientSampleId :
31600

Tgt Ion:117 Resp: 371598
Ion Ratio Lower Upper
117 100
82 59.3 44.2 66.2
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072563.D
Acq: 19 May 2022 18:28

Tgt Ion:152 Resp: 134889
Ion Ratio Lower Upper
152 100
115 60.0 28.9 86.7
150 153.5 0.0 356.2

