

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082021\
 Data File : VN068245.D
 Acq On : 20 Aug 2021 15:12
 Operator : JC/MD
 Sample : M3509-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB

Quant Time: Aug 20 23:58:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	452475	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	751674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	719428	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	257252	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	259533	53.720	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	107.440%
35) Dibromofluoromethane	8.024	113	235652	49.935	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.860%
50) Toluene-d8	10.446	98	916581	50.973	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.940%
62) 4-Bromofluorobenzene	12.733	95	276453	46.183	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.360%

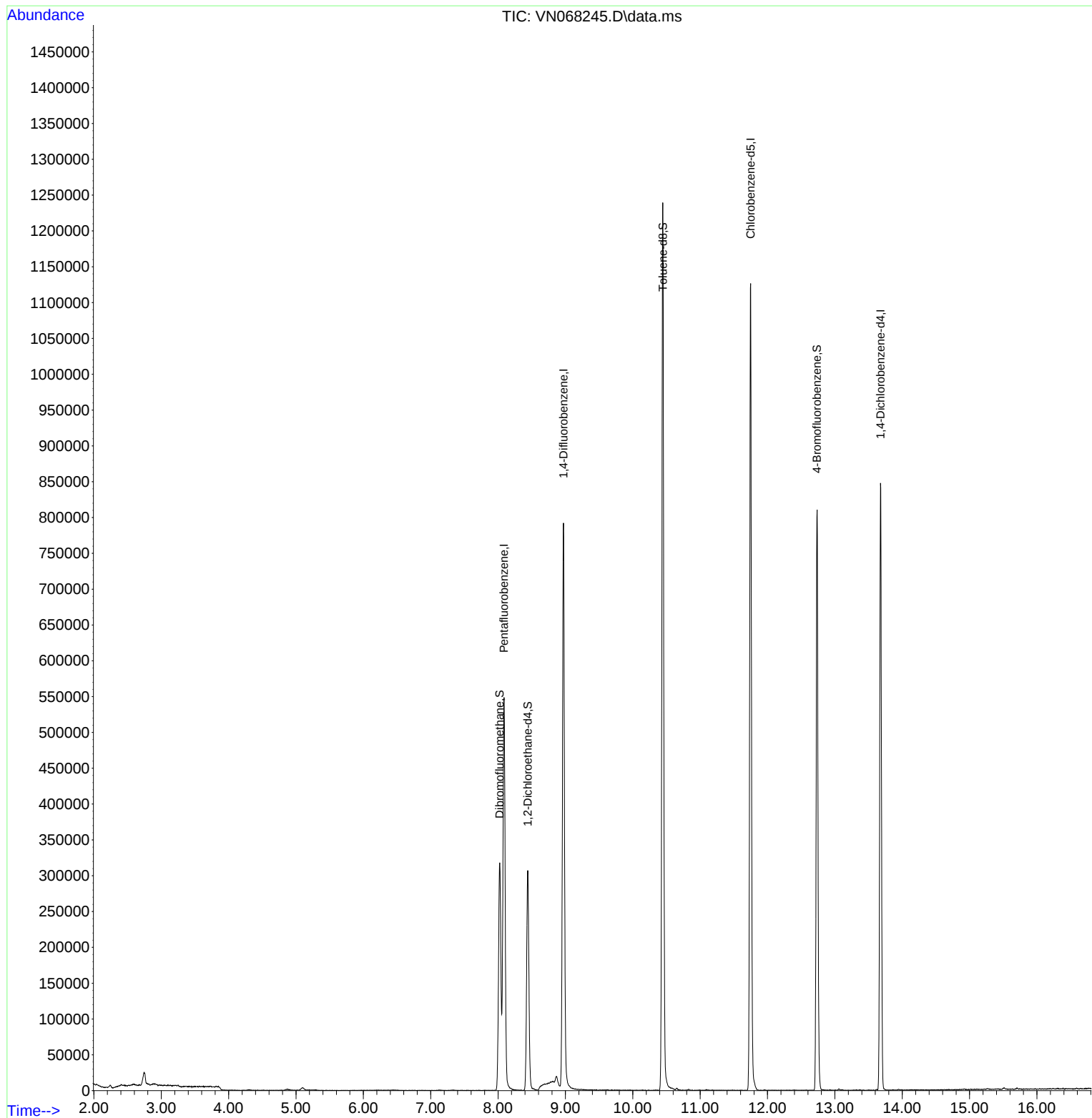
Target Compounds	Qvalue

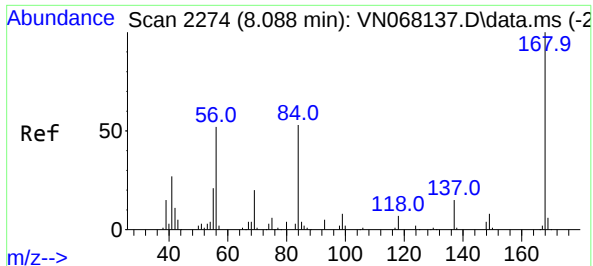
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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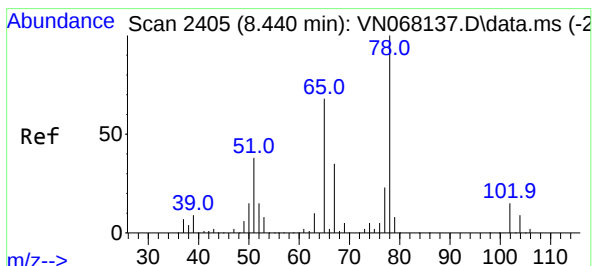
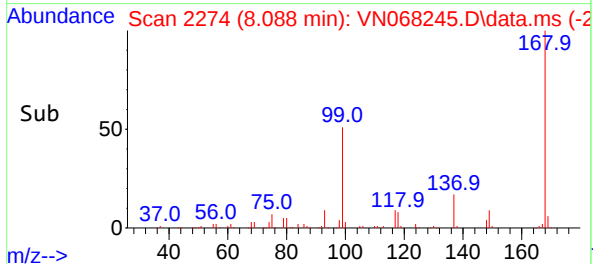
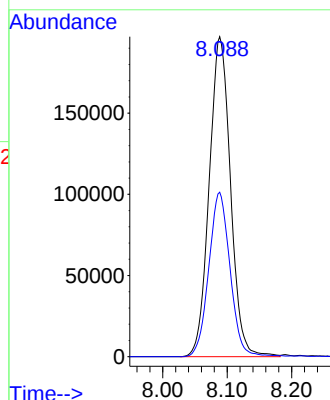
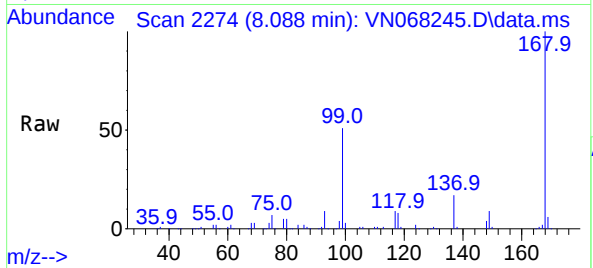




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068245.D
Acq: 20 Aug 2021 15:12

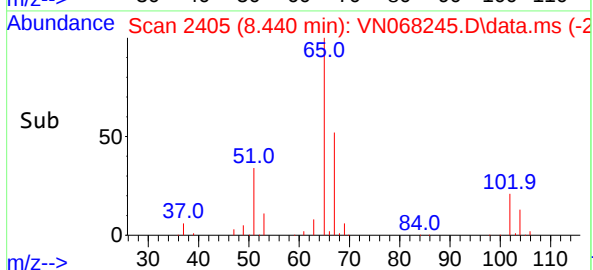
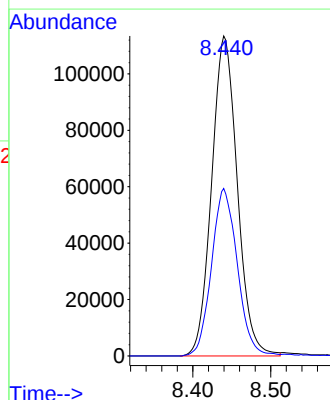
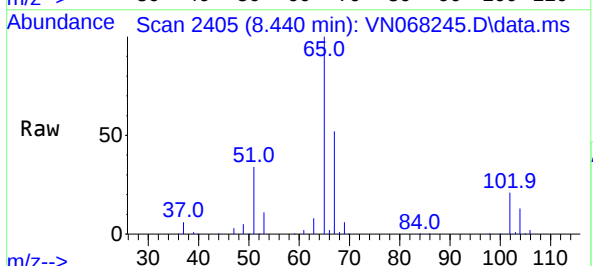
Instrument :
MSVOA_N
ClientSampled :
FB

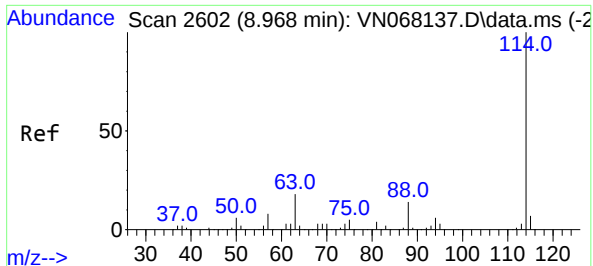
Tgt Ion:168 Resp: 452475
Ion Ratio Lower Upper
168 100
99 51.4 62.9 94.3#



#33
1,2-Dichloroethane-d4
Concen: 53.720 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068245.D
Acq: 20 Aug 2021 15:12

Tgt Ion: 65 Resp: 259533
Ion Ratio Lower Upper
65 100
67 52.6 0.0 98.6

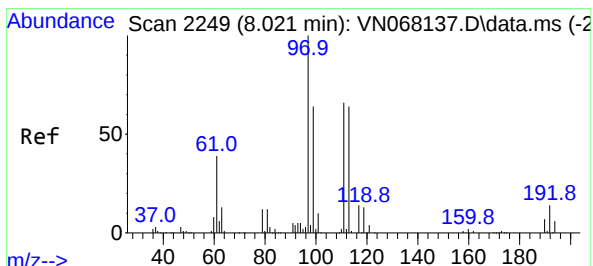
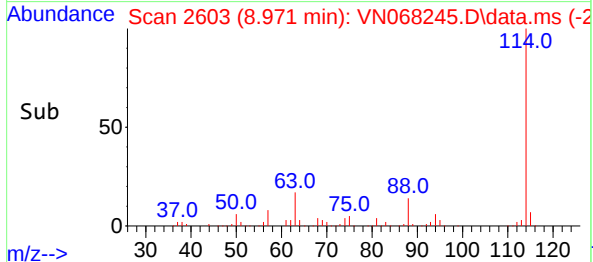
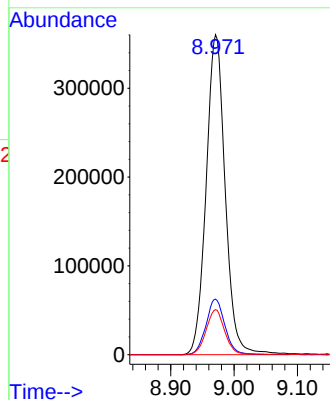
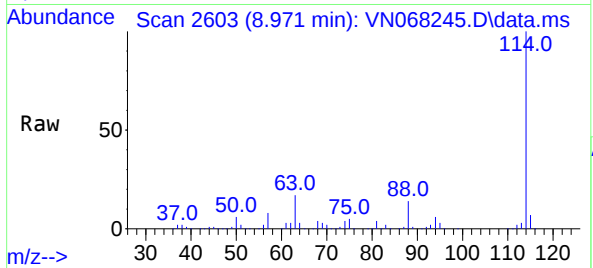




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068245.D
Acq: 20 Aug 2021 15:12

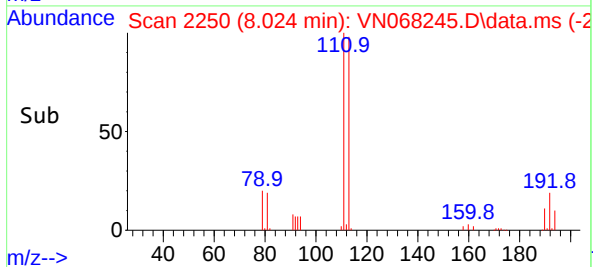
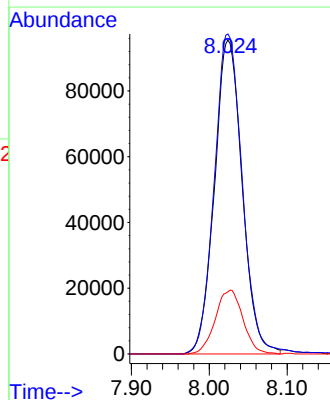
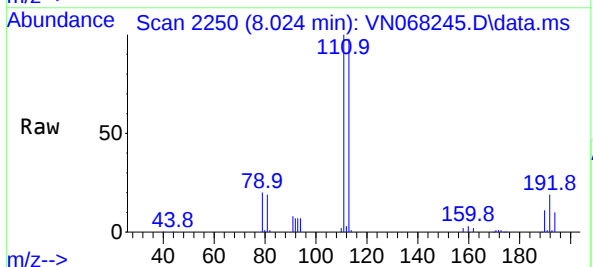
Instrument :
MSVOA_N
ClientSampled :
FB

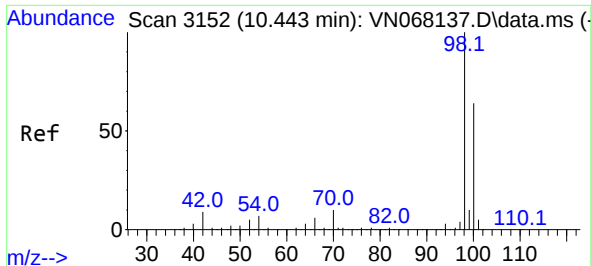
Tgt Ion:114 Resp: 751674
Ion Ratio Lower Upper
114 100
63 17.3 0.0 49.0
88 14.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.935 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068245.D
Acq: 20 Aug 2021 15:12

Tgt Ion:113 Resp: 235652
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.8
192 20.3 13.4 20.0#

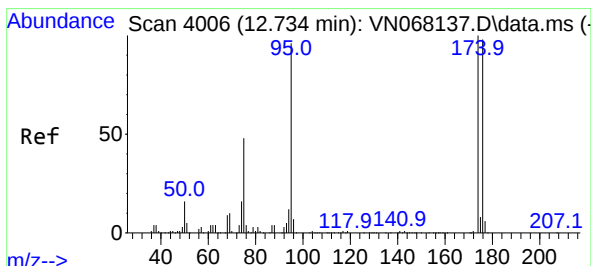
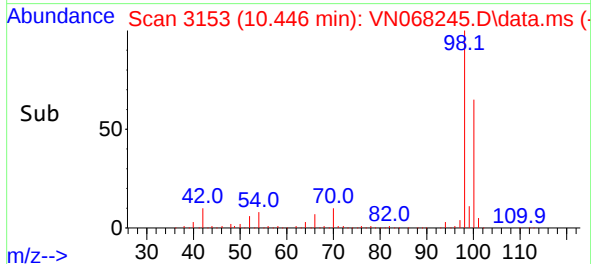
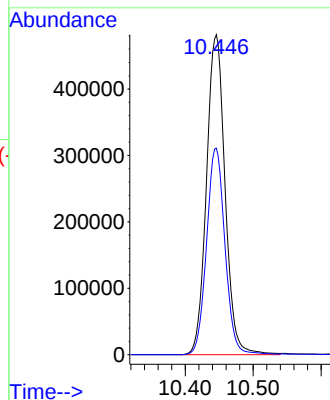
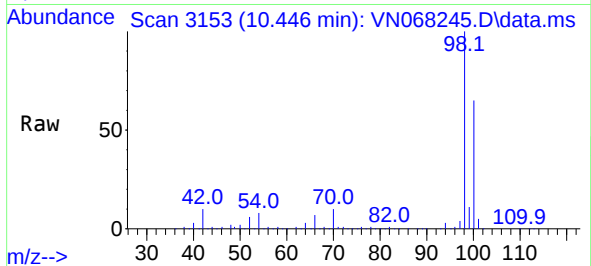




#50
Toluene-d8
Concen: 50.973 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068245.D
Acq: 20 Aug 2021 15:12

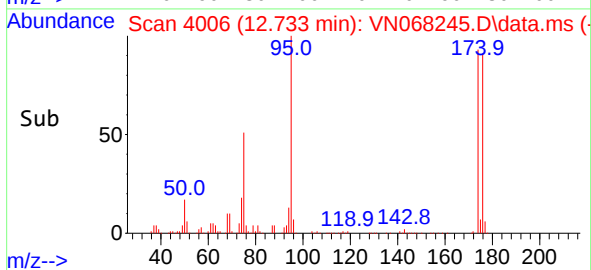
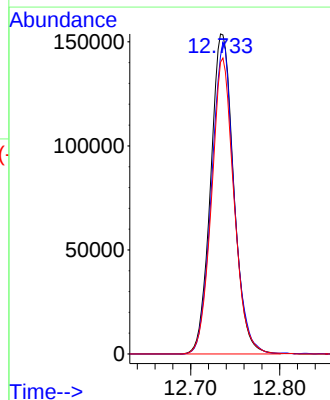
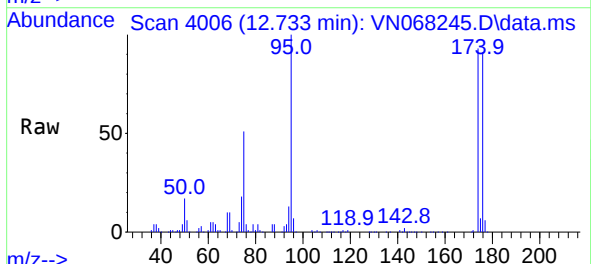
Instrument :
MSVOA_N
ClientSampled :
FB

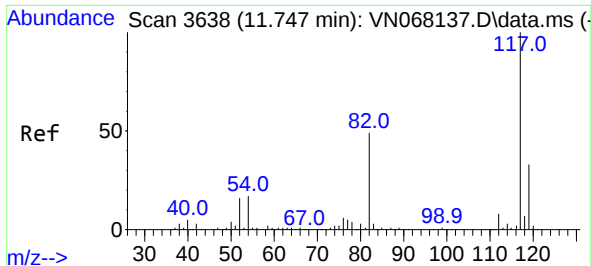
Tgt Ion: 98 Resp: 916581
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.183 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068245.D
Acq: 20 Aug 2021 15:12

Tgt Ion: 95 Resp: 276453
Ion Ratio Lower Upper
95 100
174 94.7 0.0 122.0
176 89.8 0.0 117.6

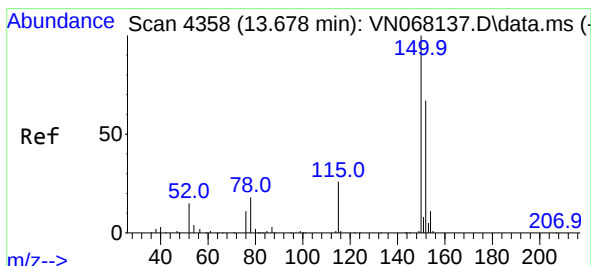
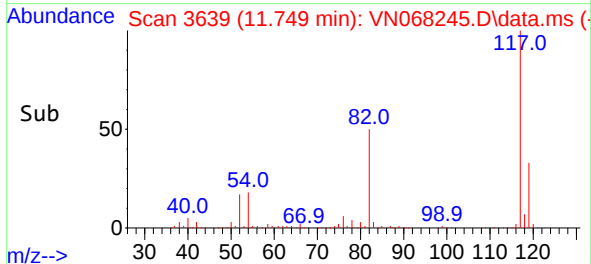
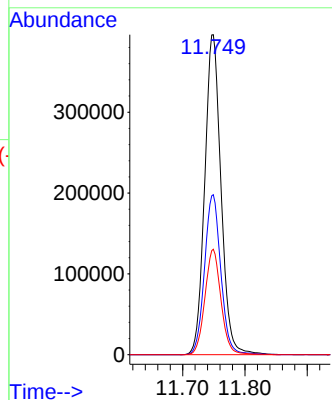
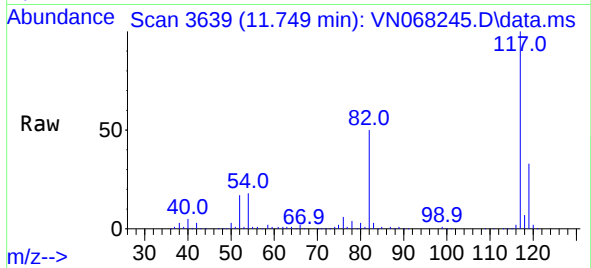




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068245.D
Acq: 20 Aug 2021 15:12

Instrument :
MSVOA_N
ClientSampled :
FB

Tgt Ion:117 Resp: 719428
Ion Ratio Lower Upper
117 100
82 50.0 53.1 79.7#
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068245.D
Acq: 20 Aug 2021 15:12

Tgt Ion:152 Resp: 257252
Ion Ratio Lower Upper
152 100
115 54.6 36.1 108.5
150 156.1 0.0 351.8

