

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069266.D
 Acq On : 28 Oct 2021 23:10
 Operator : JC/MD
 Sample : VN1028WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBL02

Quant Time: Oct 29 07:54:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	314014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	549621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	535141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	199246	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	209771	46.277	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.560%
35) Dibromofluoromethane	8.024	113	161505	47.139	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.280%
50) Toluene-d8	10.443	98	685665	50.053	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.100%
62) 4-Bromofluorobenzene	12.733	95	249472	48.261	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.520%

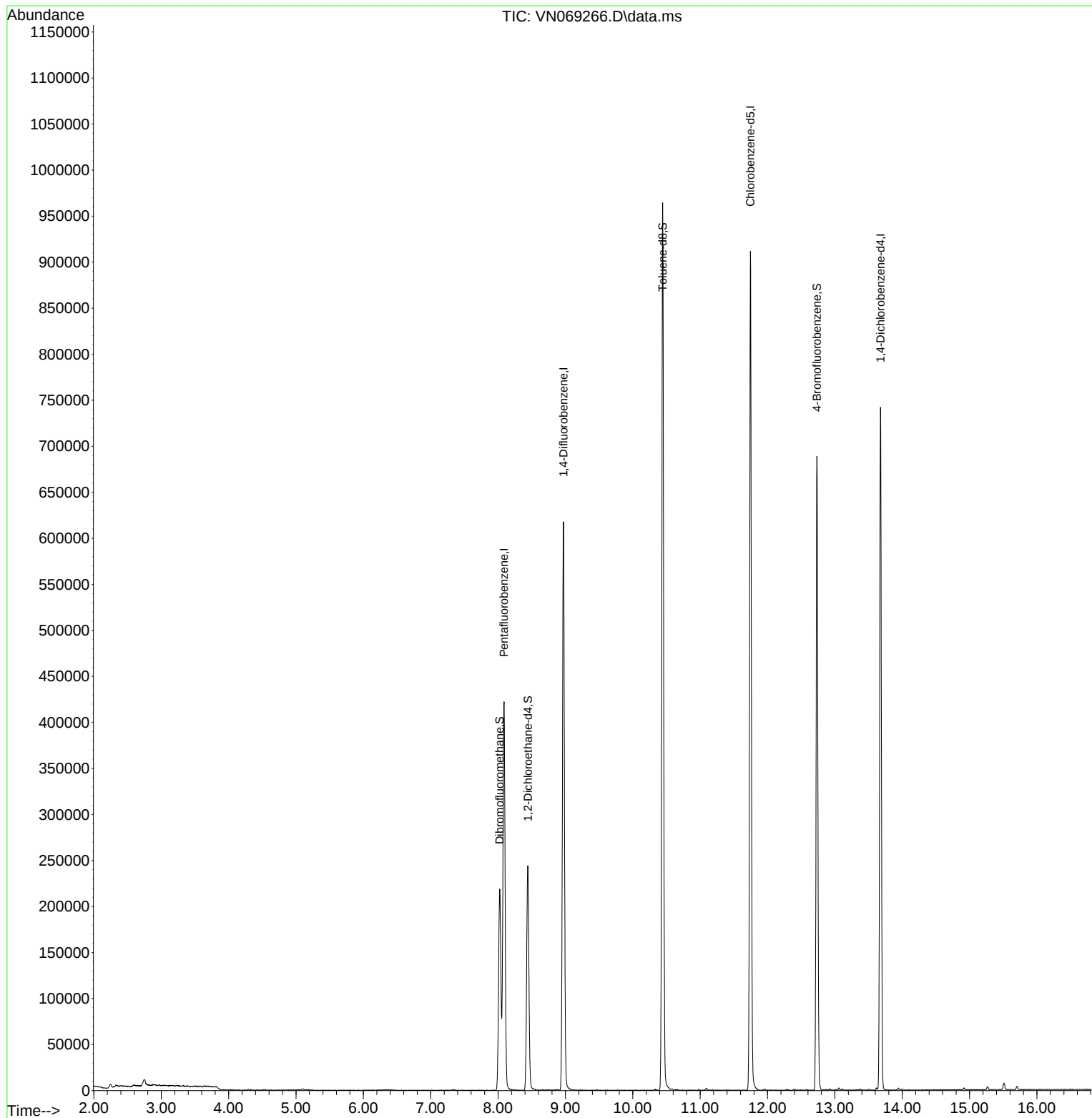
Target Compounds	Qvalue

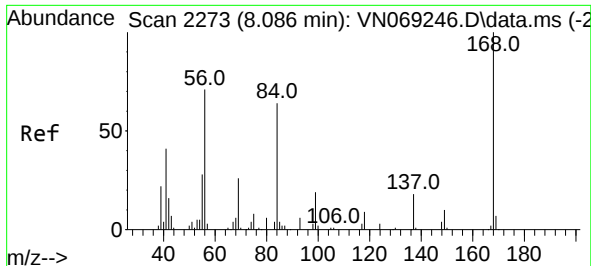
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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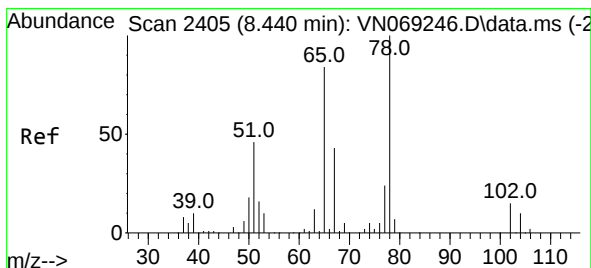
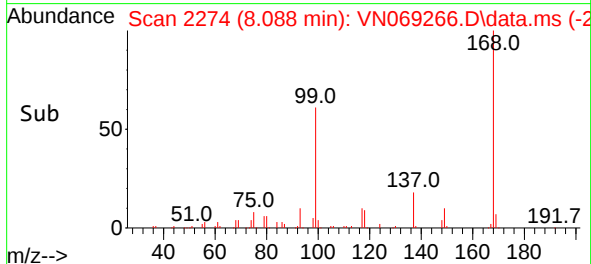
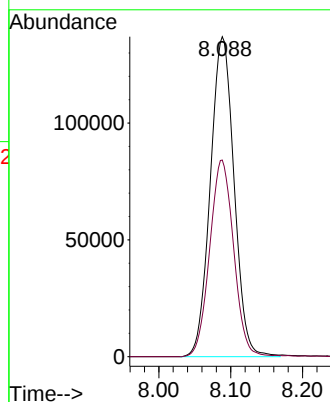
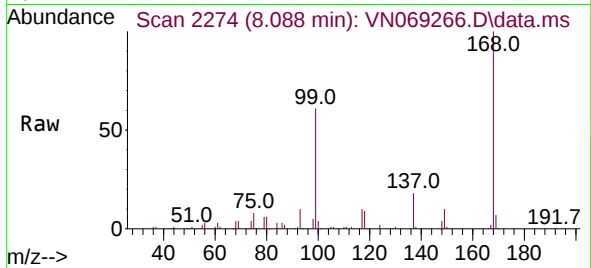




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069266.D
Acq: 28 Oct 2021 23:10

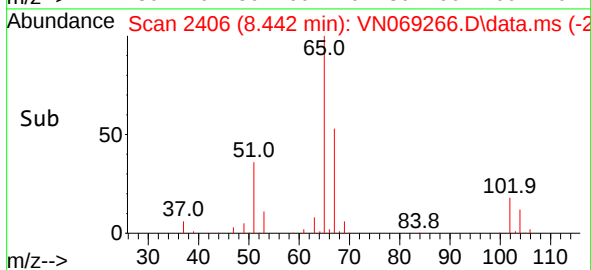
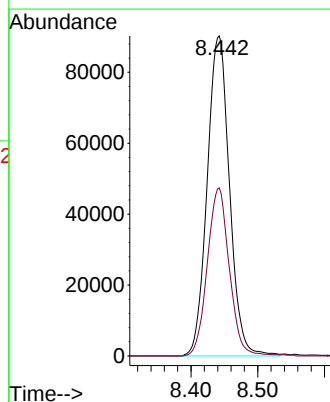
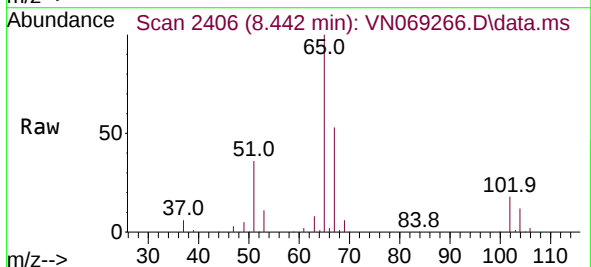
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBL02

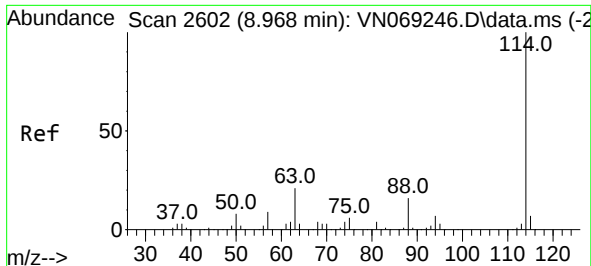
Tgt Ion:168 Resp: 314014
Ion Ratio Lower Upper
168 100
99 61.4 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 46.277 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN069266.D
Acq: 28 Oct 2021 23:10

Tgt Ion: 65 Resp: 209771
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN069266.D

Acq: 28 Oct 2021 23:10

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBL02

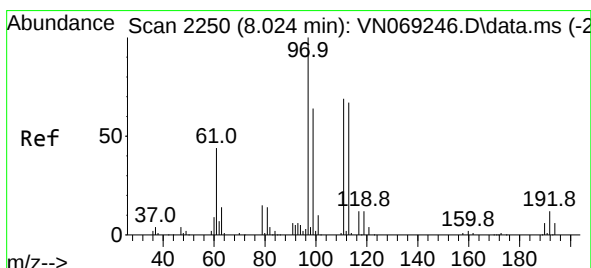
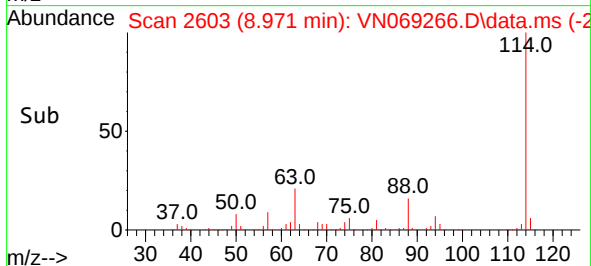
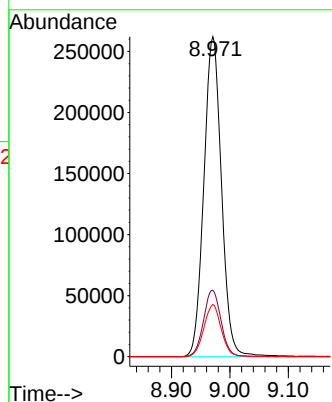
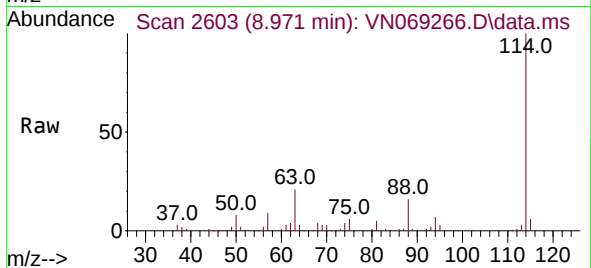
Tgt Ion:114 Resp: 549621

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

88 16.3 0.0 32.0



#35

Dibromofluoromethane

Concen: 47.139 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VN069266.D

Acq: 28 Oct 2021 23:10

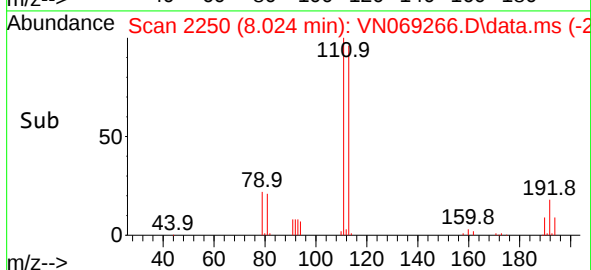
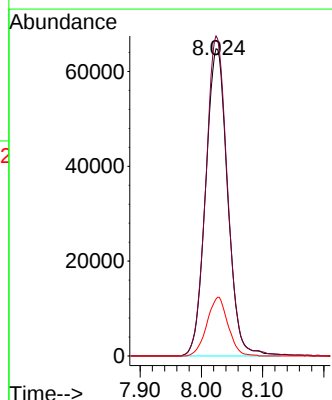
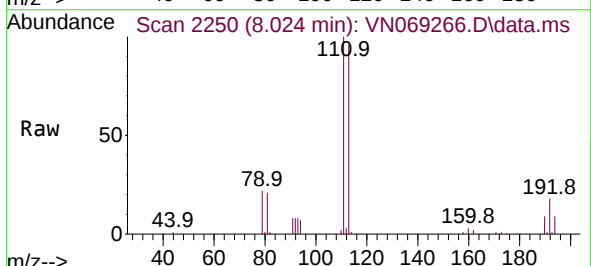
Tgt Ion:113 Resp: 161505

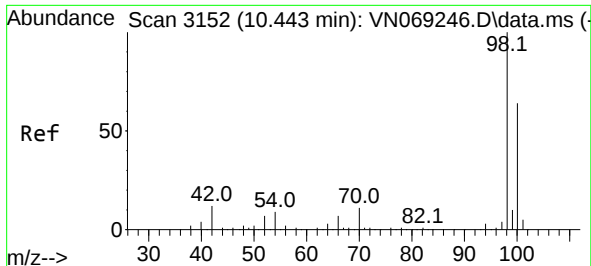
Ion Ratio Lower Upper

113 100

111 102.9 83.2 124.8

192 18.4 15.0 22.4

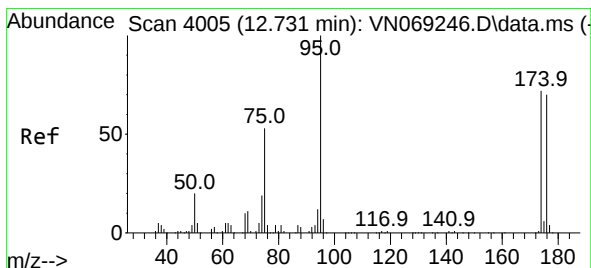
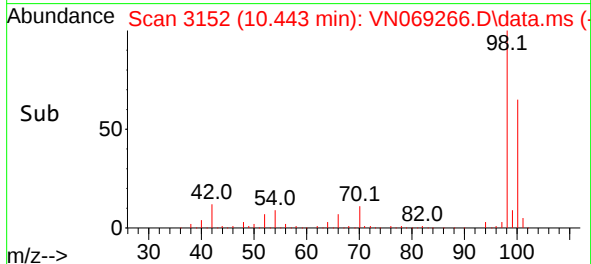
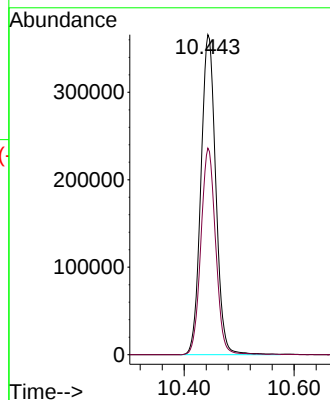
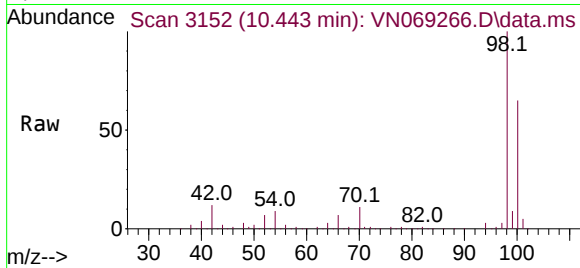




#50
Toluene-d8
Concen: 50.053 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069266.D
Acq: 28 Oct 2021 23:10

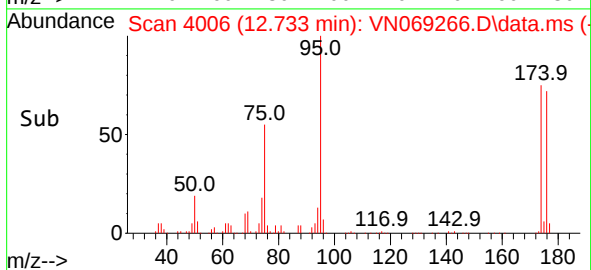
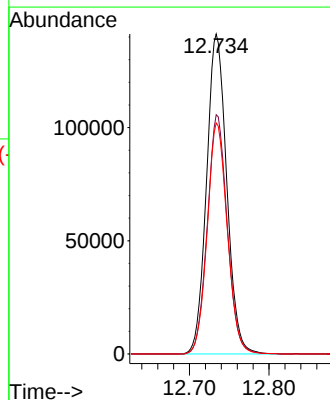
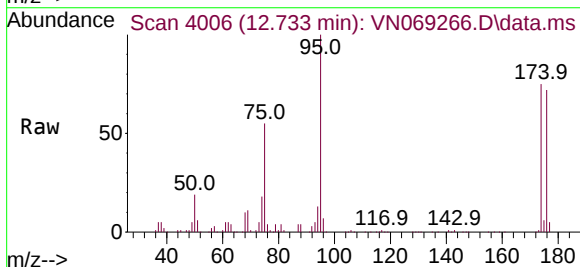
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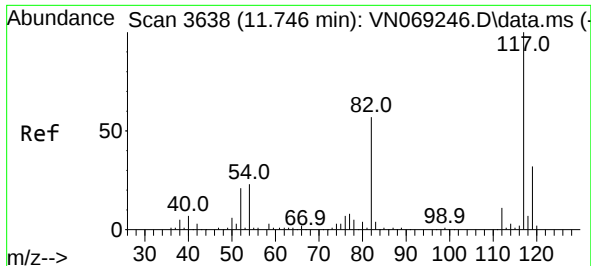
Tgt Ion: 98 Resp: 685665
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 48.261 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069266.D
Acq: 28 Oct 2021 23:10

Tgt Ion: 95 Resp: 249472
Ion Ratio Lower Upper
95 100
174 73.9 0.0 144.8
176 71.7 0.0 140.0

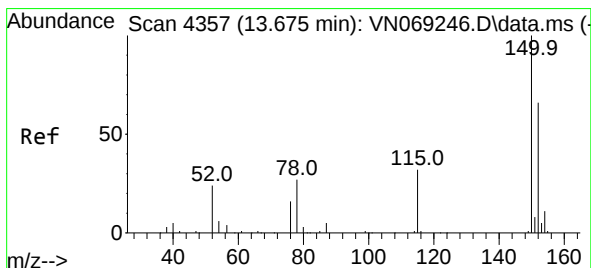
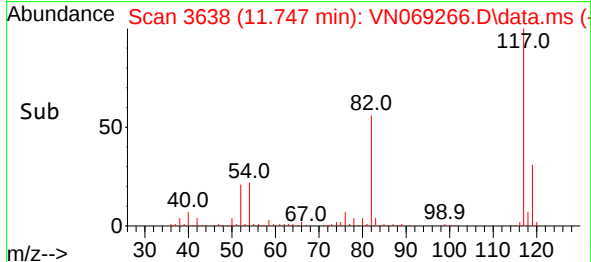
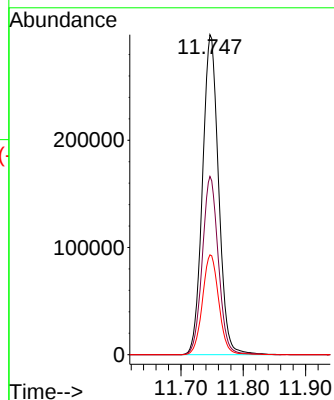
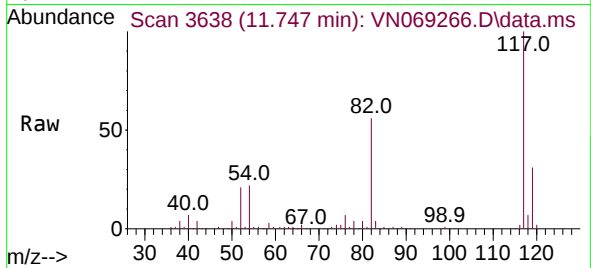




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069266.D
Acq: 28 Oct 2021 23:10

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBL02

Tgt Ion:117 Resp: 535141
Ion Ratio Lower Upper
117 100
82 55.7 46.4 69.6
119 31.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069266.D
Acq: 28 Oct 2021 23:10

Tgt Ion:152 Resp: 199246
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.3
150 158.4 0.0 351.0

