

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
 Data File : VD069475.D
 Acq On : 17 Jun 2021 12:59
 Operator : VA/SY
 Sample : M2739-01
 Misc : 6.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-214

Quant Time: Jun 18 01:25:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	292868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	549664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	601053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	275104	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	198416	60.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.100%
35) Dibromofluoromethane	7.914	113	200654	48.738	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.480%
50) Toluene-d8	10.338	98	721935	47.944	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.880%
62) 4-Bromofluorobenzene	12.626	95	271765	56.249	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.500%

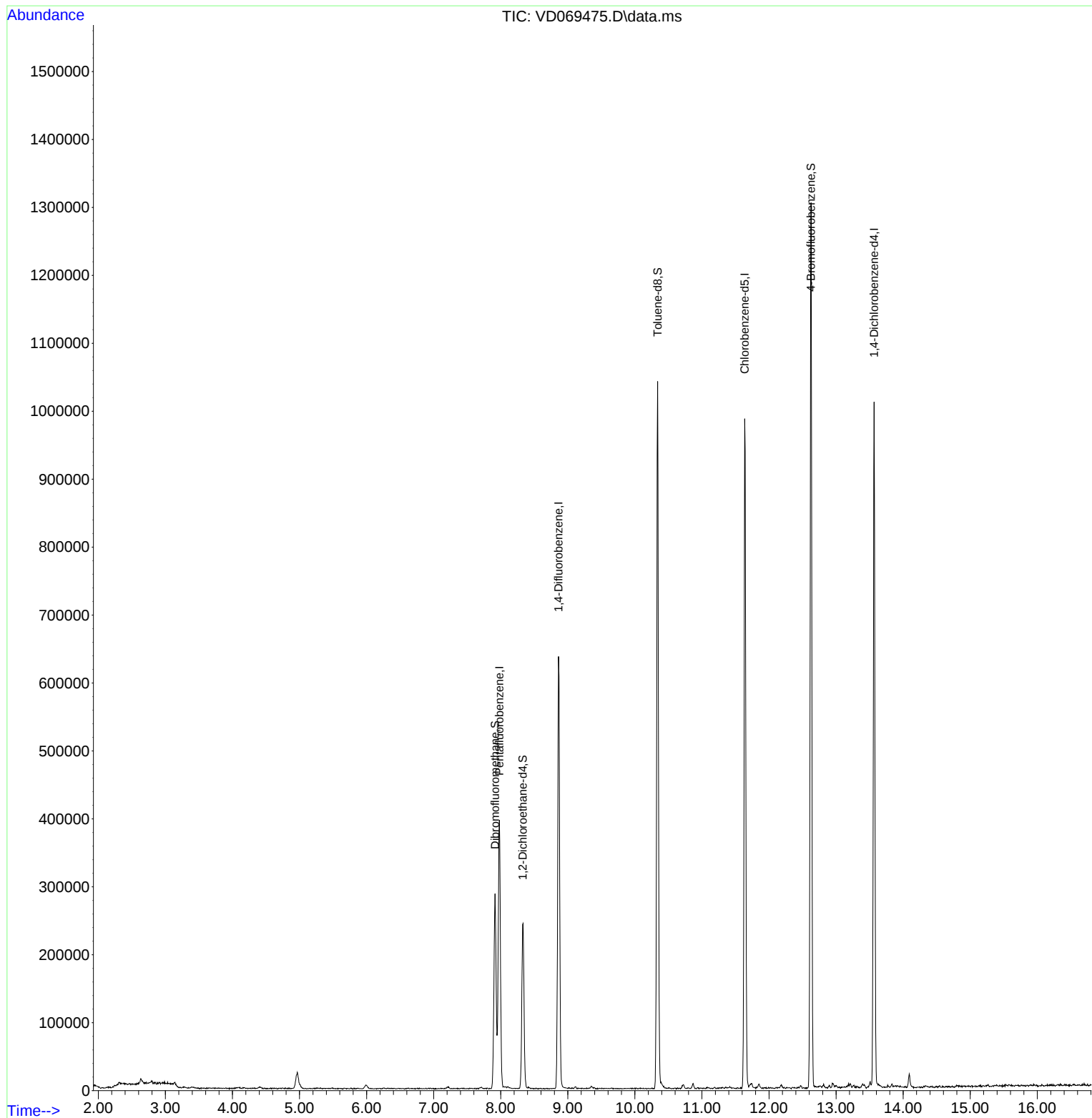
Target Compounds	Qvalue

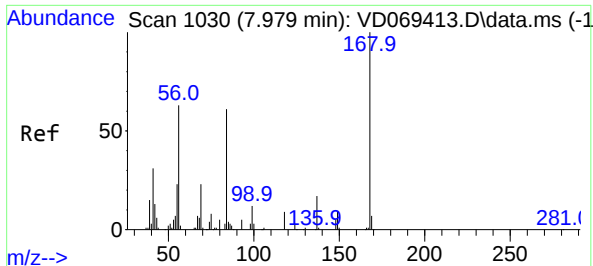
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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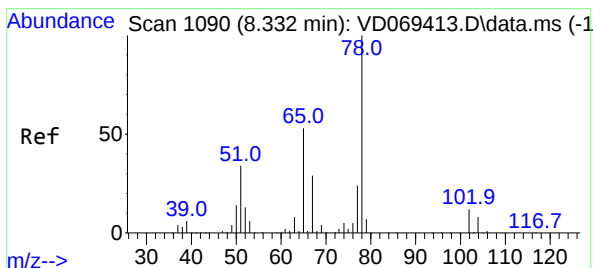
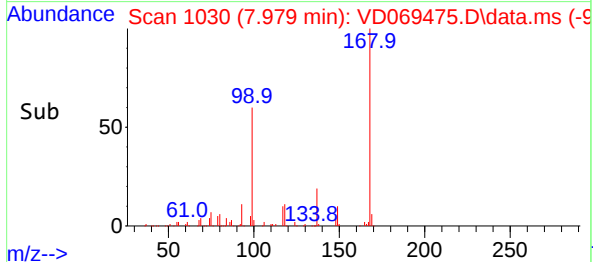
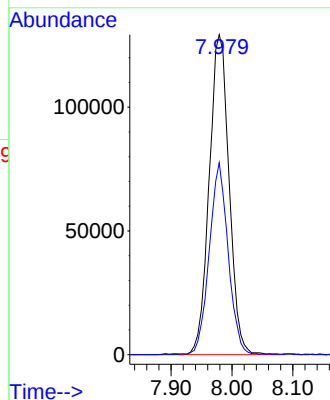
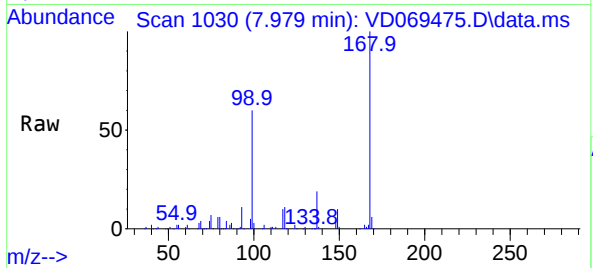




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069475.D
Acq: 17 Jun 2021 12:59

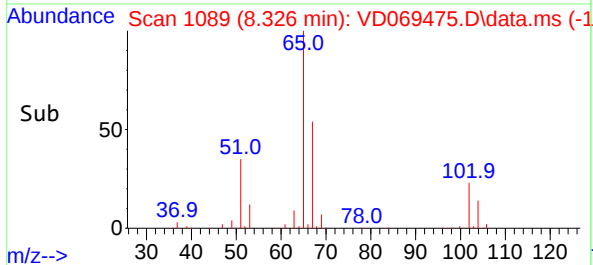
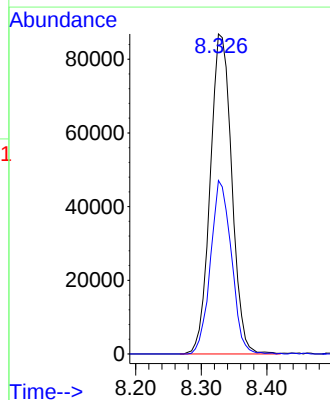
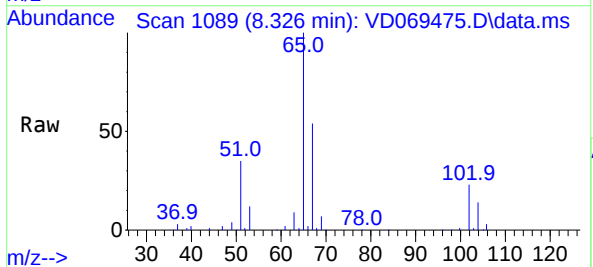
Instrument :
MSVOA_D
ClientSampleId :
VNJ-214

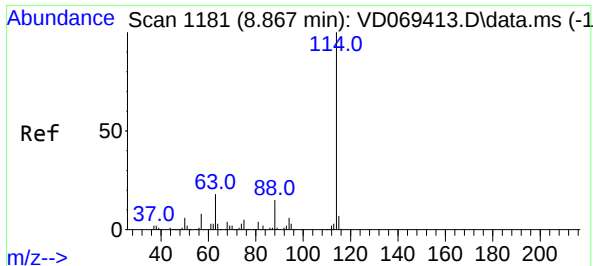
Tgt Ion:168 Resp: 292868
Ion Ratio Lower Upper
168 100
99 59.8 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 60.053 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069475.D
Acq: 17 Jun 2021 12:59

Tgt Ion: 65 Resp: 198416
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.8

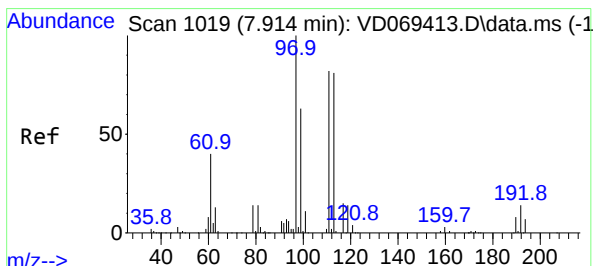
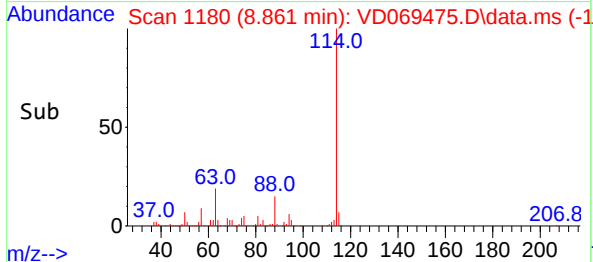
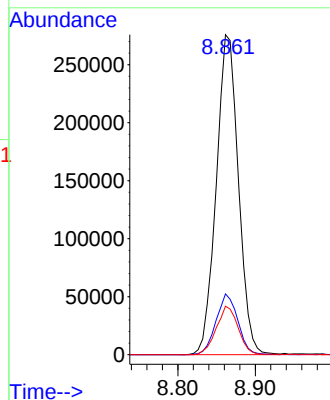
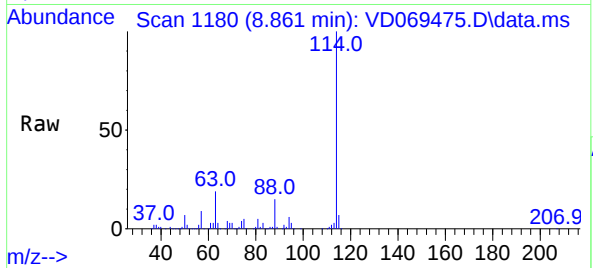




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069475.D
Acq: 17 Jun 2021 12:59

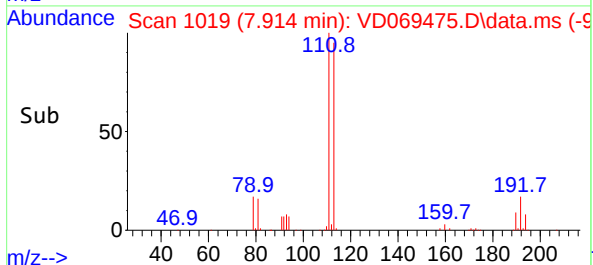
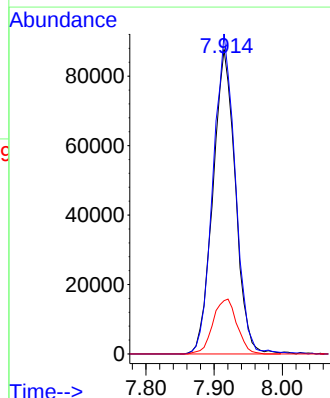
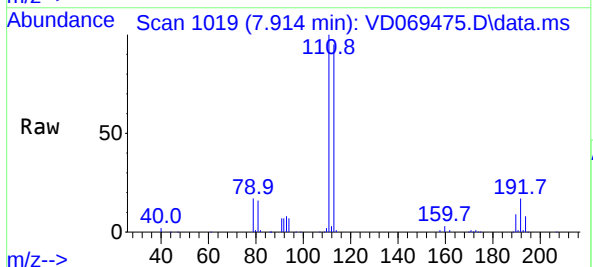
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ClientSampleId :
VNJ-214

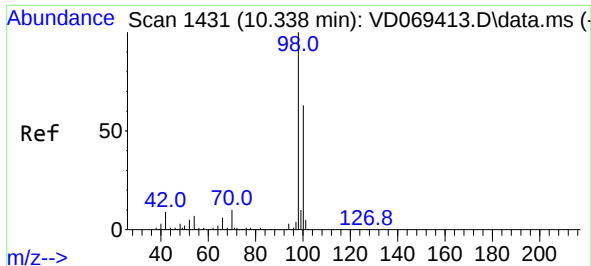
Tgt Ion:	114	Resp:	549664
Ion Ratio	Lower	Upper	
114	100		
63	19.0	0.0	35.6
88	15.1	0.0	31.2



#35
Dibromofluoromethane
Concen: 48.738 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069475.D
Acq: 17 Jun 2021 12:59

Tgt Ion:	113	Resp:	200654
Ion Ratio	Lower	Upper	
113	100		
111	104.3	83.0	124.6
192	19.2	15.1	22.7

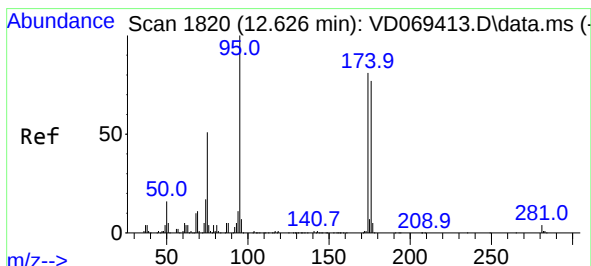
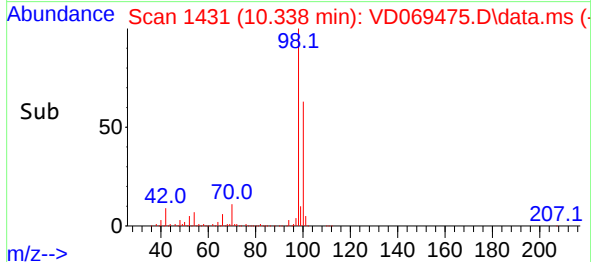
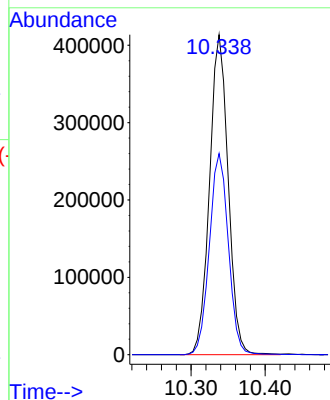
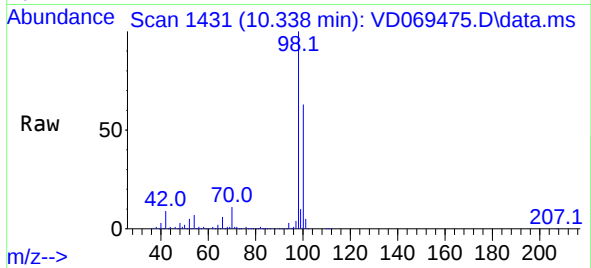




#50
Toluene-d8
Concen: 47.944 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069475.D
Acq: 17 Jun 2021 12:59

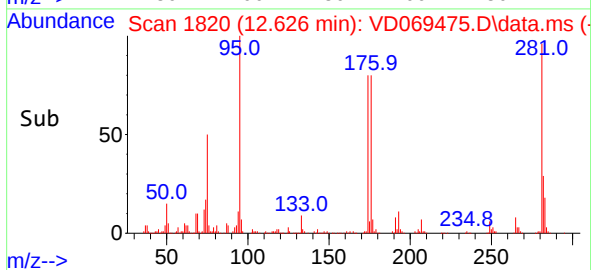
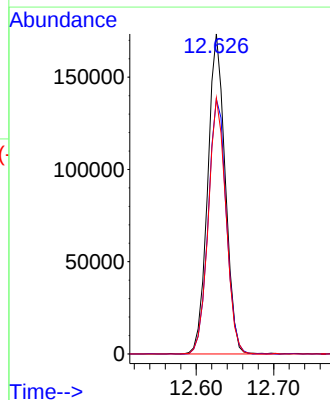
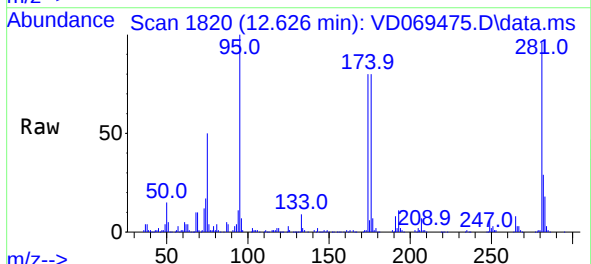
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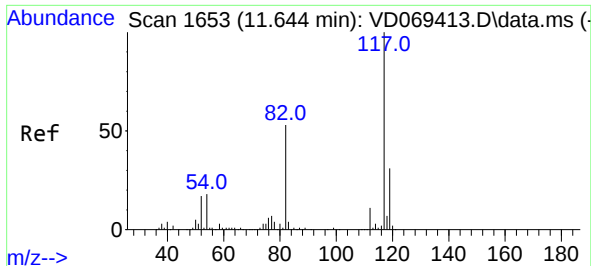
Tgt Ion: 98 Resp: 721935
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 56.249 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069475.D
Acq: 17 Jun 2021 12:59

Tgt Ion: 95 Resp: 271765
Ion Ratio Lower Upper
95 100
174 81.9 0.0 162.8
176 80.3 0.0 154.4



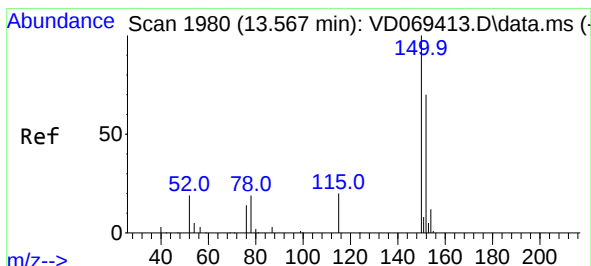
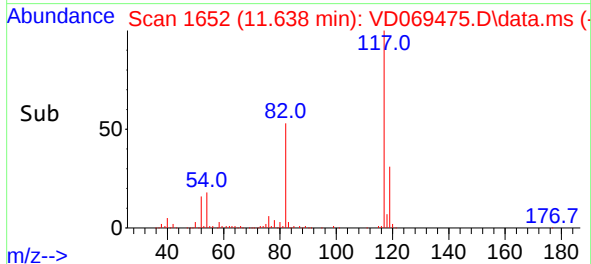
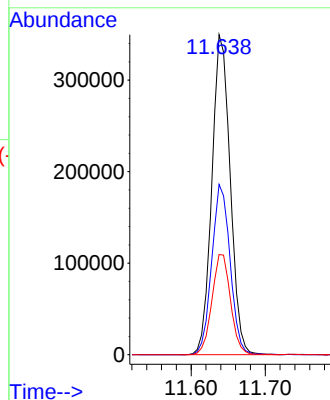
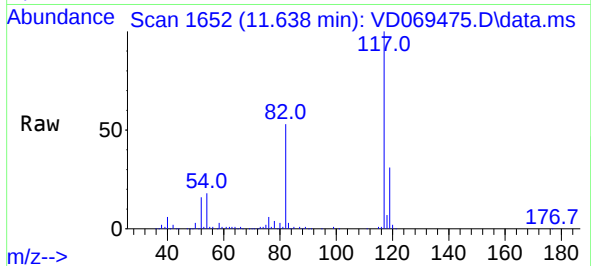


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069475.D
Acq: 17 Jun 2021 12:59

Instrument :
MSVOA_D
ClientSampleId :
VNJ-214

Tgt Ion:117 Resp: 601053

Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.3	64.9
119	31.3	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069475.D
Acq: 17 Jun 2021 12:59

Tgt Ion:152 Resp: 275104

Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.4	88.3
150	158.5	0.0	355.0

