

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
 Data File : VD069487.D
 Acq On : 17 Jun 2021 18:41
 Operator : VA/SY
 Sample : M2735-01
 Misc : 6.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124027

Quant Time: Jun 18 01:28:39 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	279209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	512960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	557012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	258461	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	173102	54.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.900%
35) Dibromofluoromethane	7.914	113	184466	48.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.020%
50) Toluene-d8	10.338	98	668970	47.606	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.220%
62) 4-Bromofluorobenzene	12.626	95	253440	56.209	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.420%

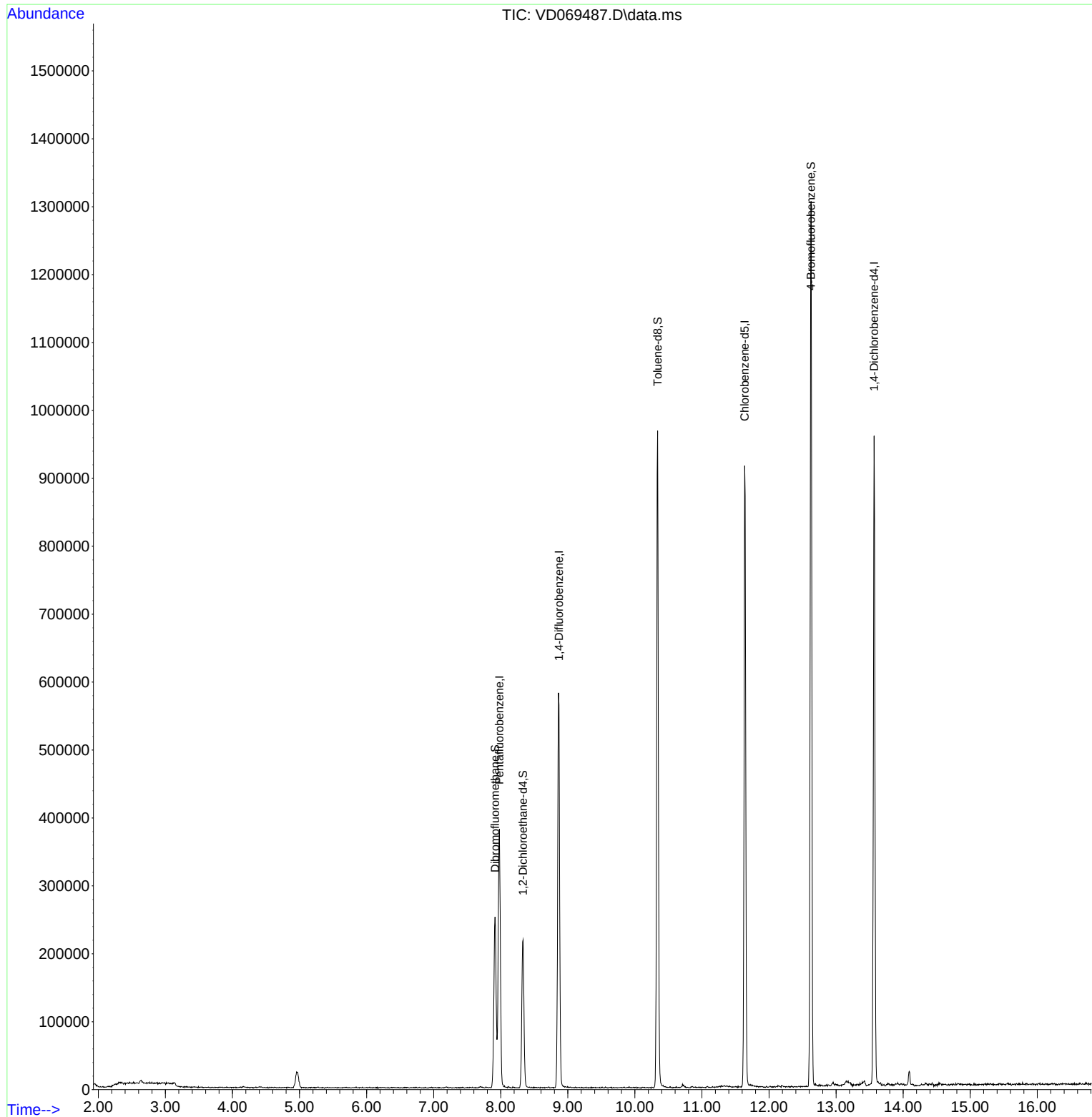
Target Compounds	Qvalue

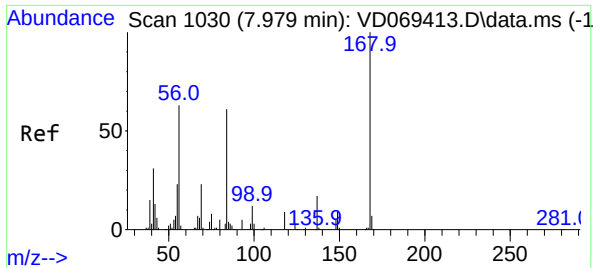
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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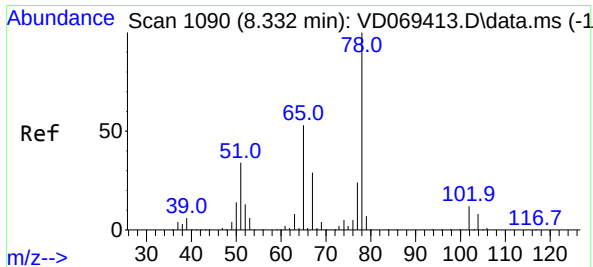
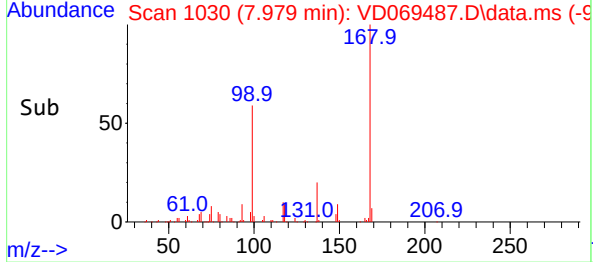
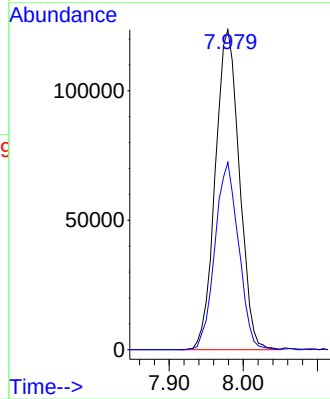
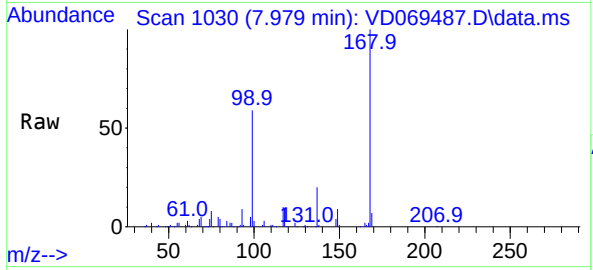




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. 0.000 min
 Lab File: VD069487.D
 Acq: 17 Jun 2021 18:41

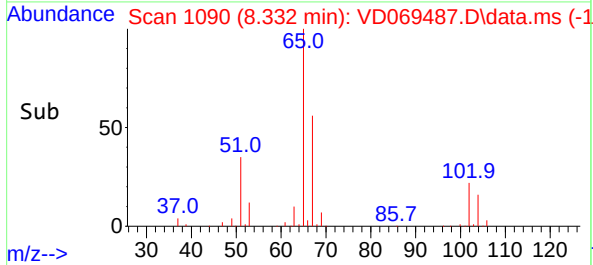
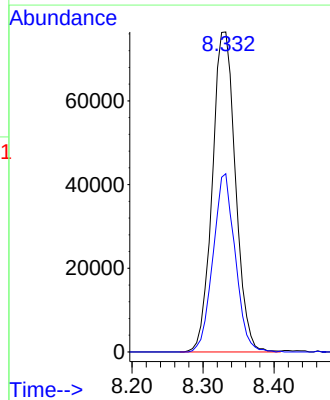
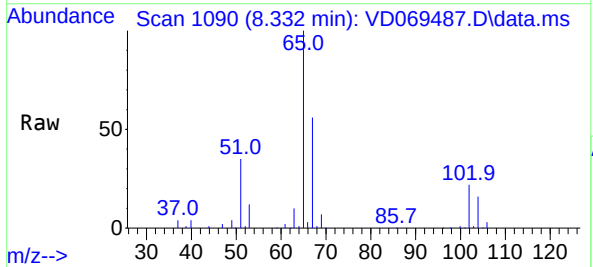
Instrument :
 MSVOA_D
 ClientSampleId :
 124027

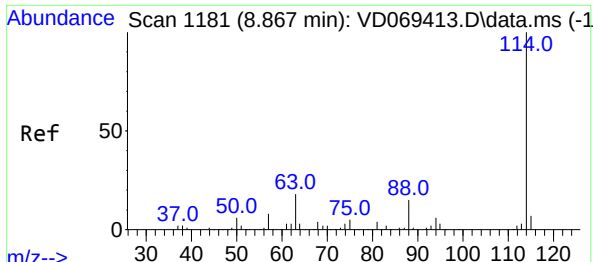
Tgt Ion:168 Resp: 279209
 Ion Ratio Lower Upper
 168 100
 99 58.5 46.2 69.2



1,2-Dichloroethane-d4
 Concen: 54.954 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD069487.D
 Acq: 17 Jun 2021 18:41

Tgt Ion: 65 Resp: 173102
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.8

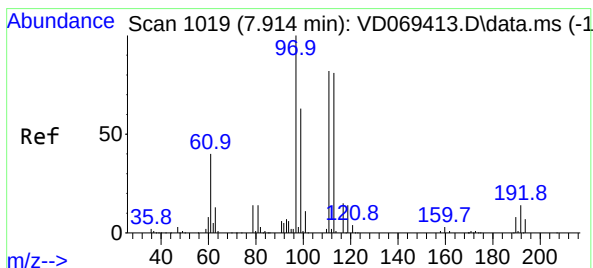
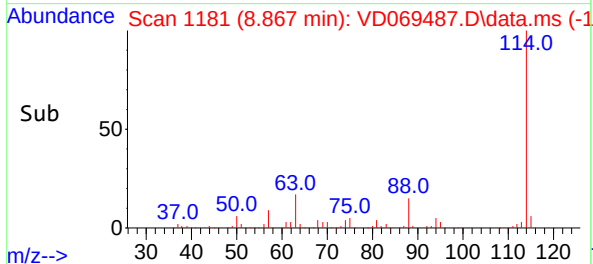
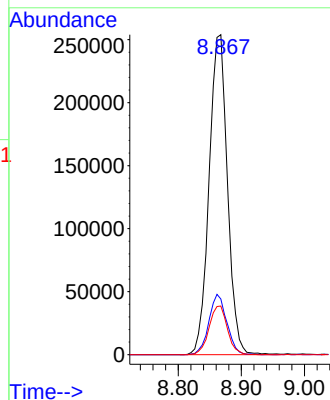
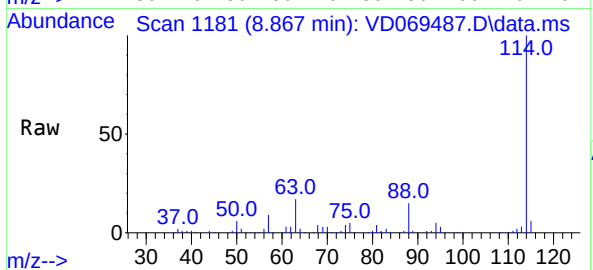




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41

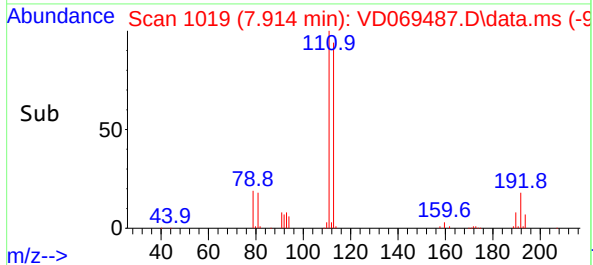
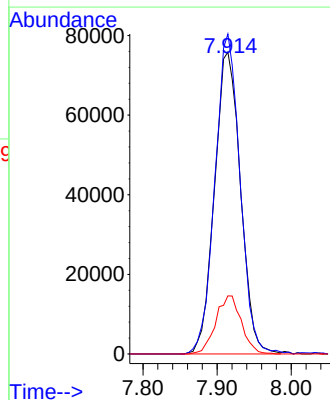
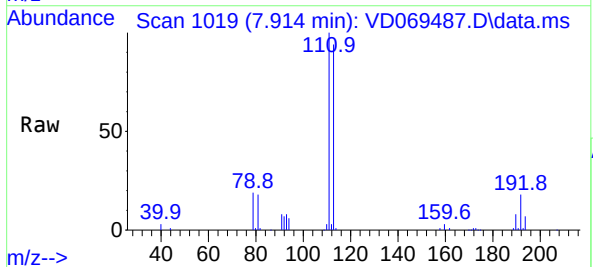
Instrument :
MSVOA_D
ClientSampled :
124027

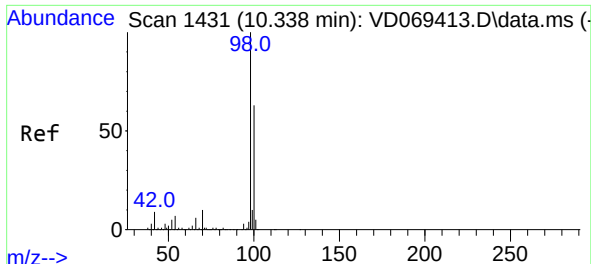
Tgt Ion:114 Resp: 512960
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.6
88 15.2 0.0 31.2



#35
Dibromofluoromethane
Concen: 48.012 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41

Tgt Ion:113 Resp: 184466
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.6
192 19.0 15.1 22.7

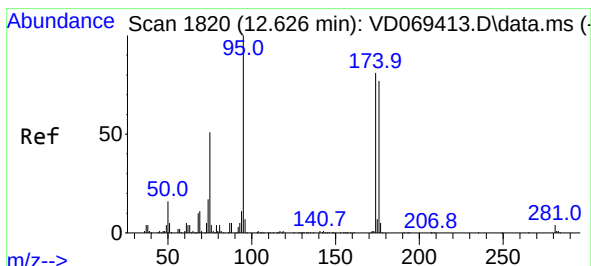
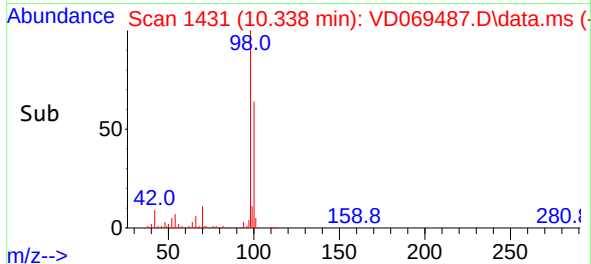
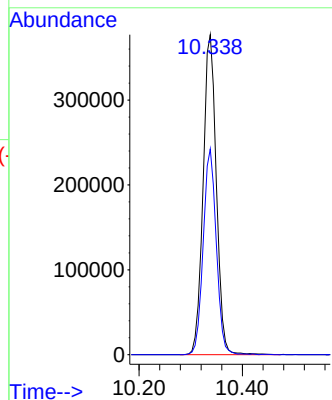
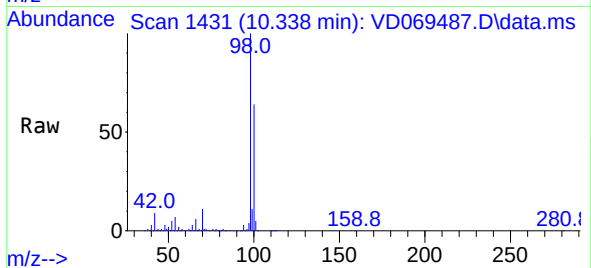




#50
Toluene-d8
Concen: 47.606 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41

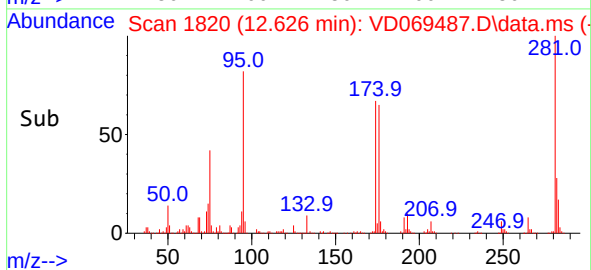
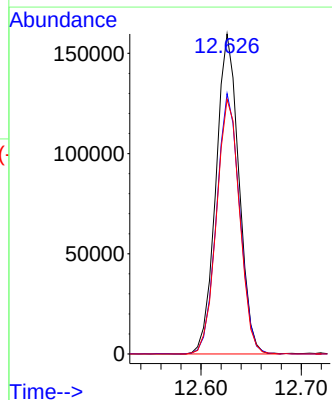
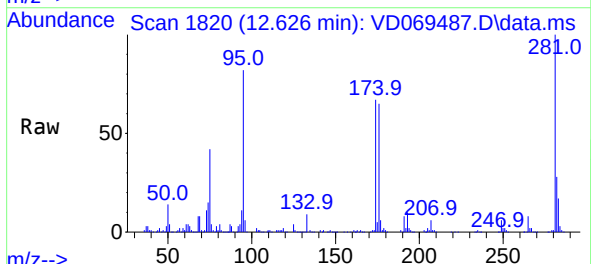
Instrument :
MSVOA_D
ClientSampleId :
124027

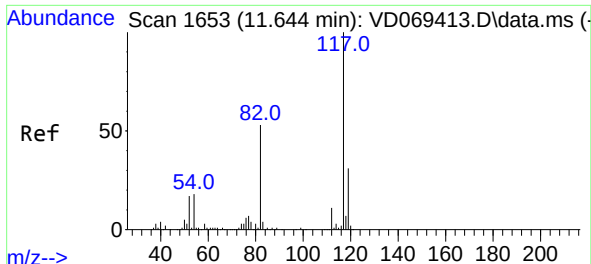
Tgt Ion: 98 Resp: 668970
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 56.209 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41

Tgt Ion: 95 Resp: 253440
Ion Ratio Lower Upper
95 100
174 81.8 0.0 162.8
176 80.2 0.0 154.4

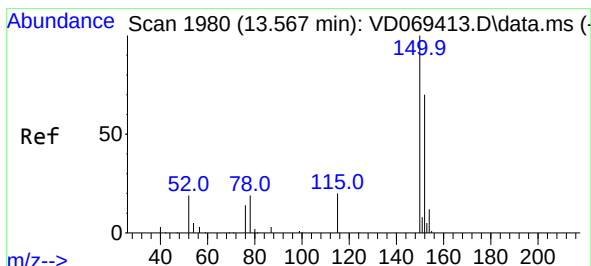
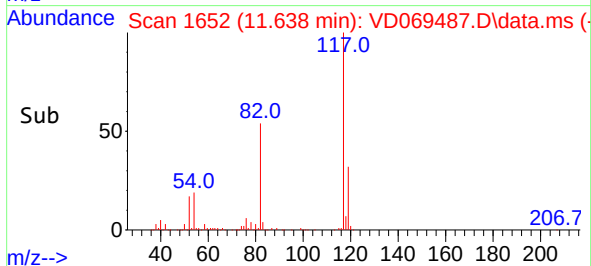
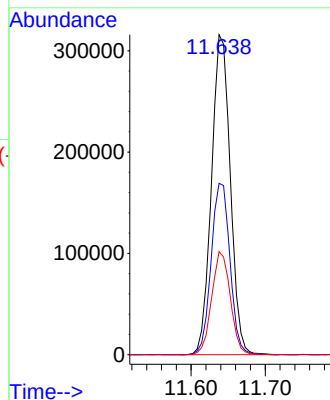
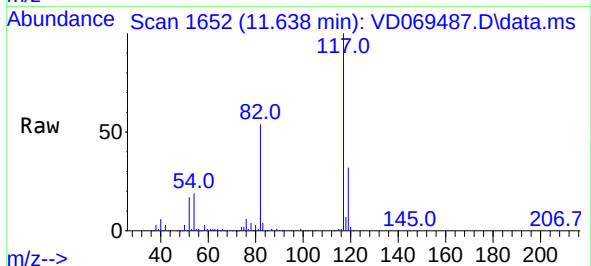




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41

Instrument :
MSVOA_D
ClientSampleId :
124027

Tgt Ion:	117	Resp:	557012
Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.3	64.9
119	32.2	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: VD069487.D
Acq: 17 Jun 2021 18:41

Tgt Ion:	152	Resp:	258461
Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.4	88.3
150	158.1	0.0	355.0

