

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070721\
 Data File : VD069607.D
 Acq On : 07 Jul 2021 14:40
 Operator : VA/SY
 Sample : M2926-07
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Jul 08 01:06:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	13017	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	24652	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.638	117	28045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	11775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	14951	92.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 184.300%#	
35) Dibromofluoromethane	7.914	113	7739	46.441	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.880%	
50) Toluene-d8	10.338	98	30276	48.436	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.880%	
62) 4-Bromofluorobenzene	12.626	95	11958	58.192	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.380%	

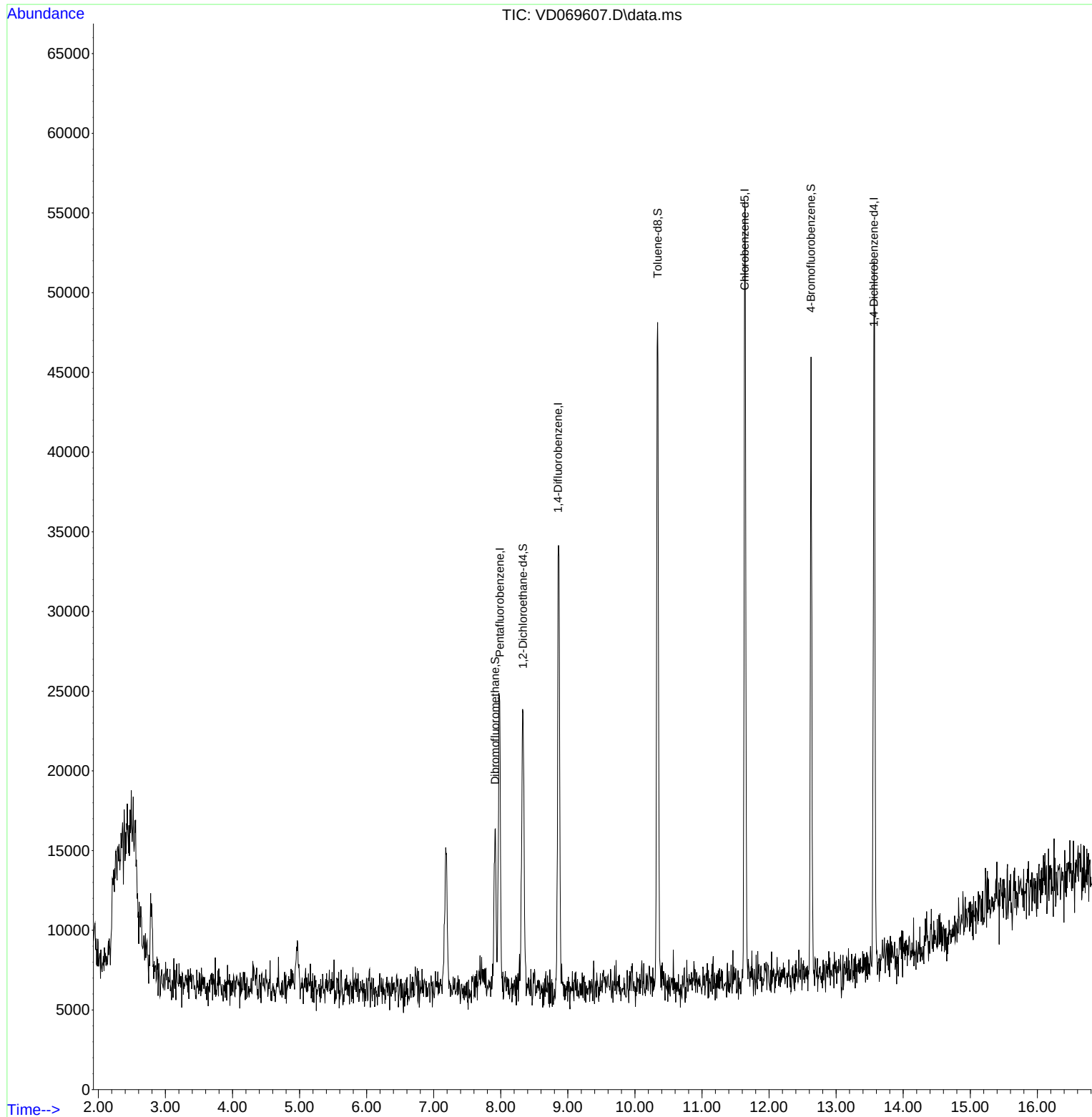
Target Compounds	Qvalue

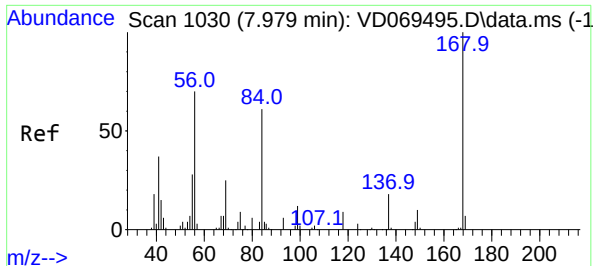
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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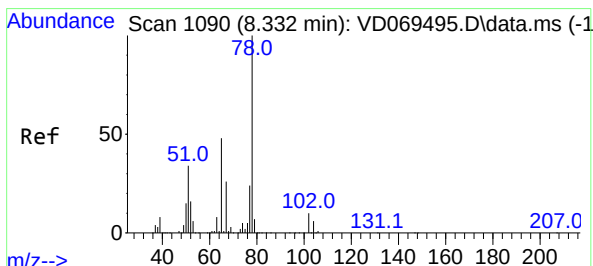
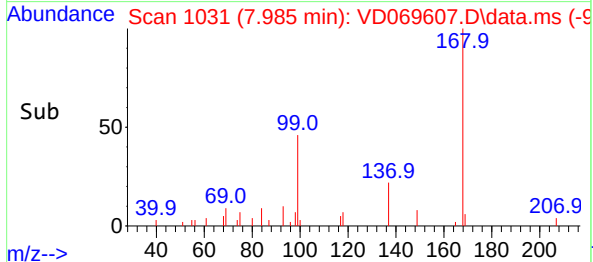
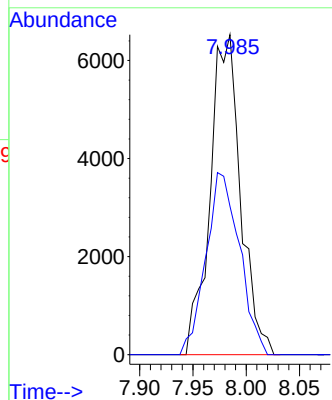
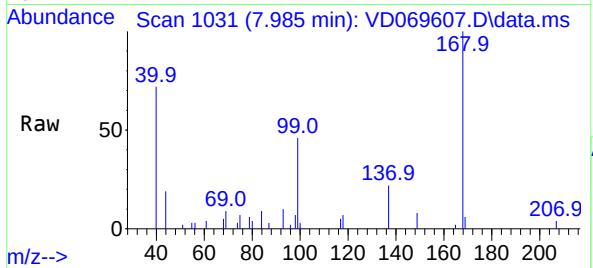




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069607.D
Acq: 07 Jul 2021 14:40

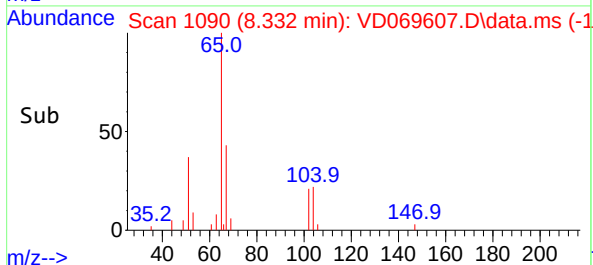
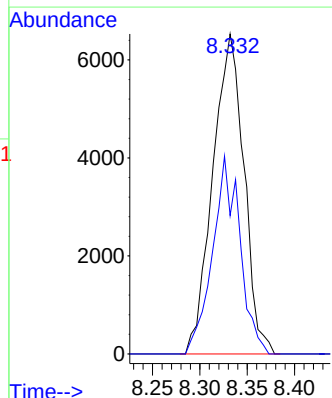
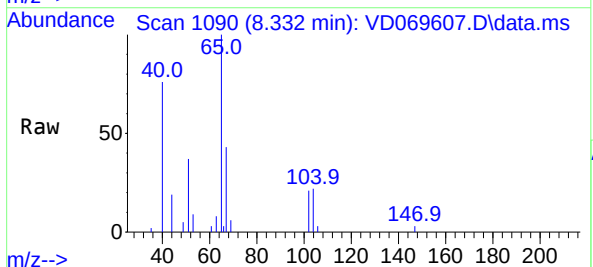
Instrument :
MSVOA_D
ClientSampled :
TP-3

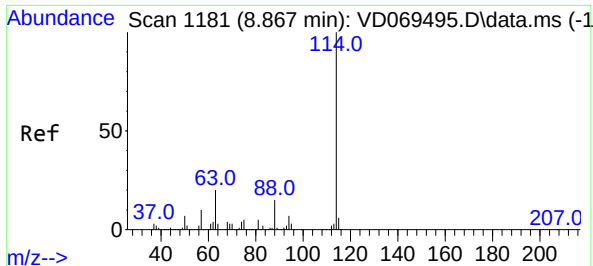
Tgt Ion:168 Resp: 13017
Ion Ratio Lower Upper
168 100
99 46.4 49.3 73.9#



#33
1,2-Dichloroethane-d4
Concen: 92.145 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069607.D
Acq: 07 Jul 2021 14:40

Tgt Ion: 65 Resp: 14951
Ion Ratio Lower Upper
65 100
67 54.2 0.0 105.6



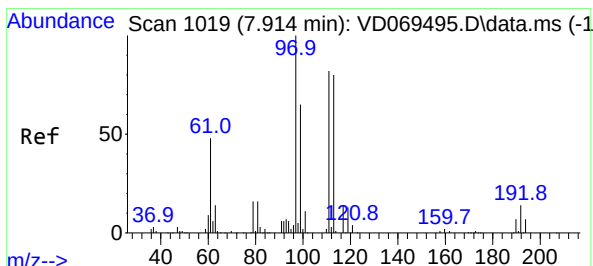
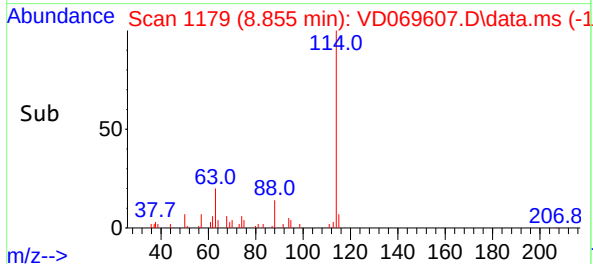
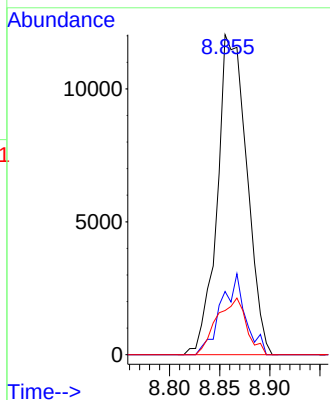
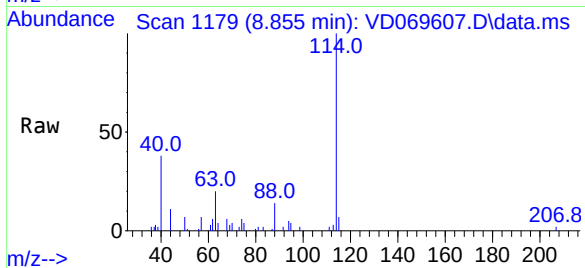


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.012 min
Lab File: VD069607.D
Acq: 07 Jul 2021 14:40

Instrument :
MSVOA_D
ClientSampled :
TP-3

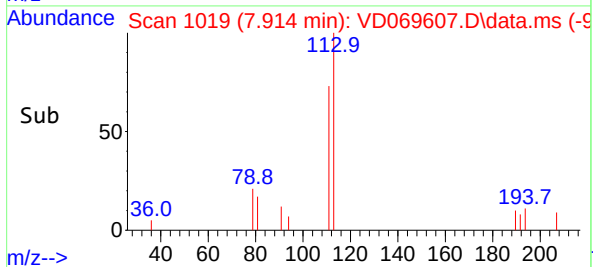
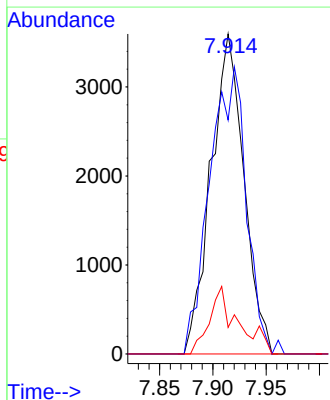
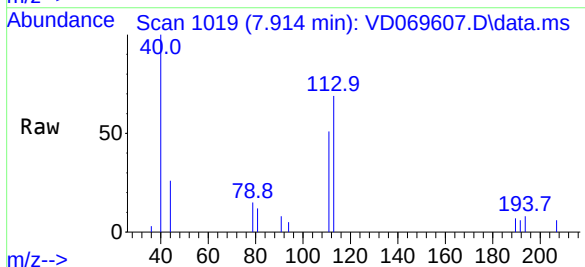
Tgt Ion:	114	Resp:	24652
Ion Ratio	Lower	Upper	
114	100		
63	19.8	0.0	39.6
88	13.8	0.0	29.8

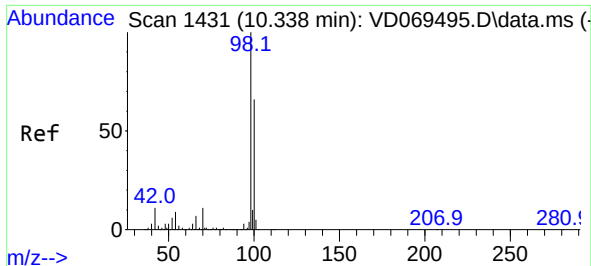


#35

Dibromofluoromethane
Concen: 46.441 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069607.D
Acq: 07 Jul 2021 14:40

Tgt Ion:	113	Resp:	7739
Ion Ratio	Lower	Upper	
113	100		
111	99.7	81.8	122.8
192	18.2	13.8	20.6

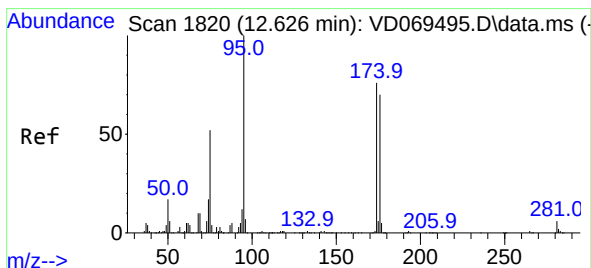
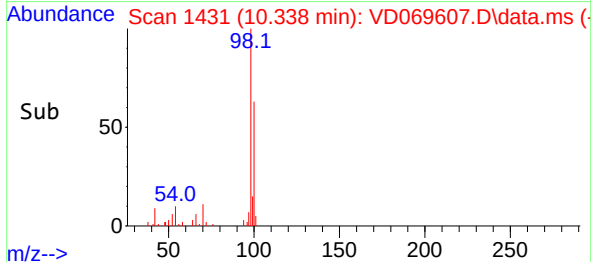
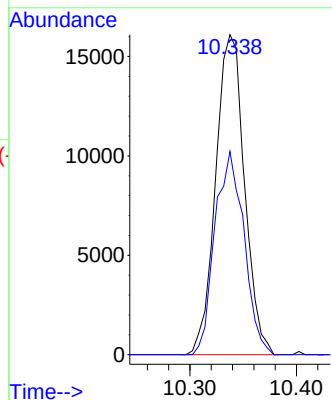
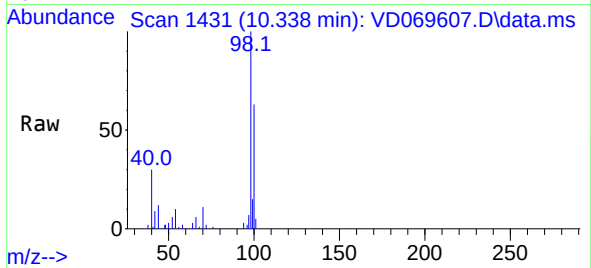




#50
Toluene-d8
Concen: 48.436 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069607.D
Acq: 07 Jul 2021 14:40

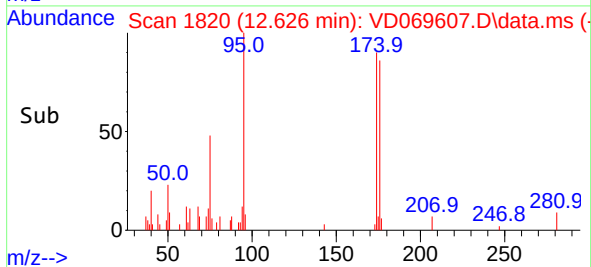
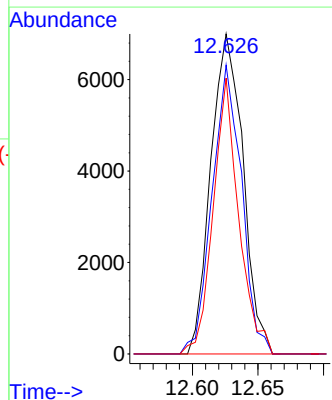
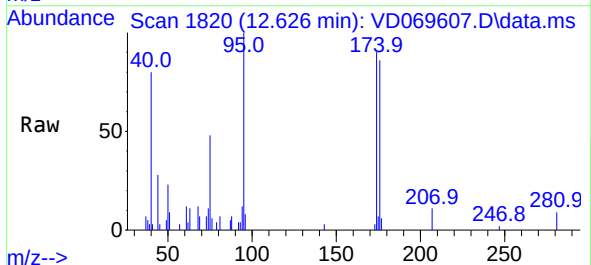
Instrument :
MSVOA_D
ClientSampleId :
TP-3

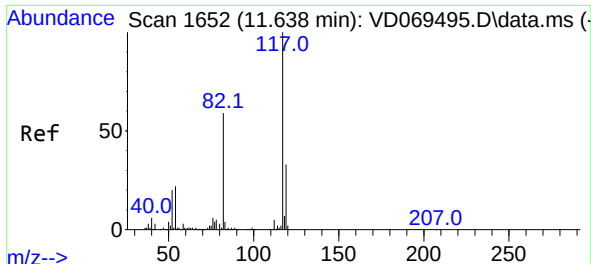
Tgt Ion: 98 Resp: 30276
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 58.192 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069607.D
Acq: 07 Jul 2021 14:40

Tgt Ion: 95 Resp: 11958
Ion Ratio Lower Upper
95 100
174 82.4 0.0 148.0
176 68.4 0.0 139.8

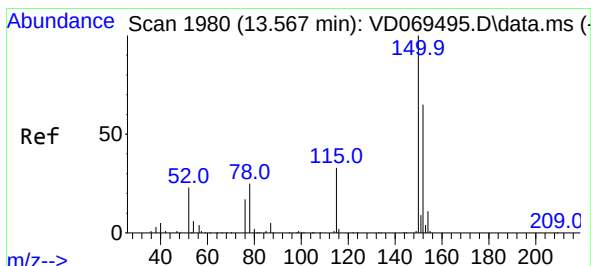
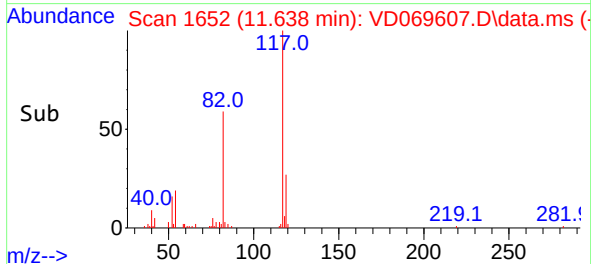
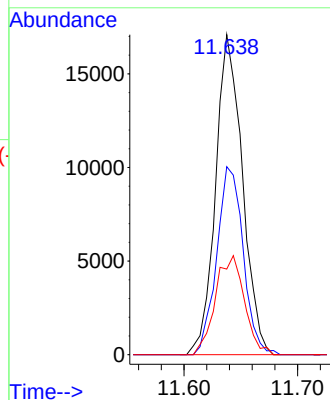
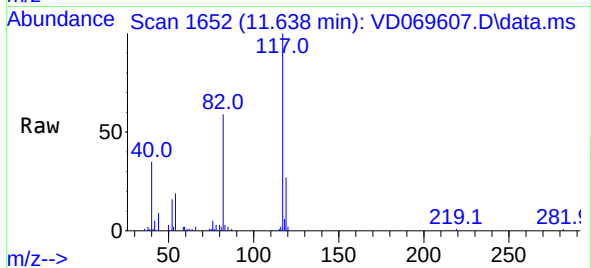




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069607.D
Acq: 07 Jul 2021 14:40

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion:	117	Resp:	28045
Ion	Ratio	Lower	Upper
117	100		
82	58.7	46.8	70.2
119	26.8	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD069607.D
Acq: 07 Jul 2021 14:40

Tgt Ion:	152	Resp:	11775
Ion	Ratio	Lower	Upper
152	100		
115	57.7	31.7	95.1
150	152.8	0.0	350.8

