

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070821\
 Data File : VD069627.D
 Acq On : 08 Jul 2021 14:13
 Operator : VA/SY
 Sample : M2963-03
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-2B-COMP

Quant Time: Jul 09 01:02:42 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	7.979	168	497616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	975063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1076044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	482318	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	347033	55.949	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.900%
35) Dibromofluoromethane	7.914	113	334067	50.683	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.360%
50) Toluene-d8	10.338	98	1280941	51.811	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.620%
62) 4-Bromofluorobenzene	12.626	95	487885	60.026	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.060%

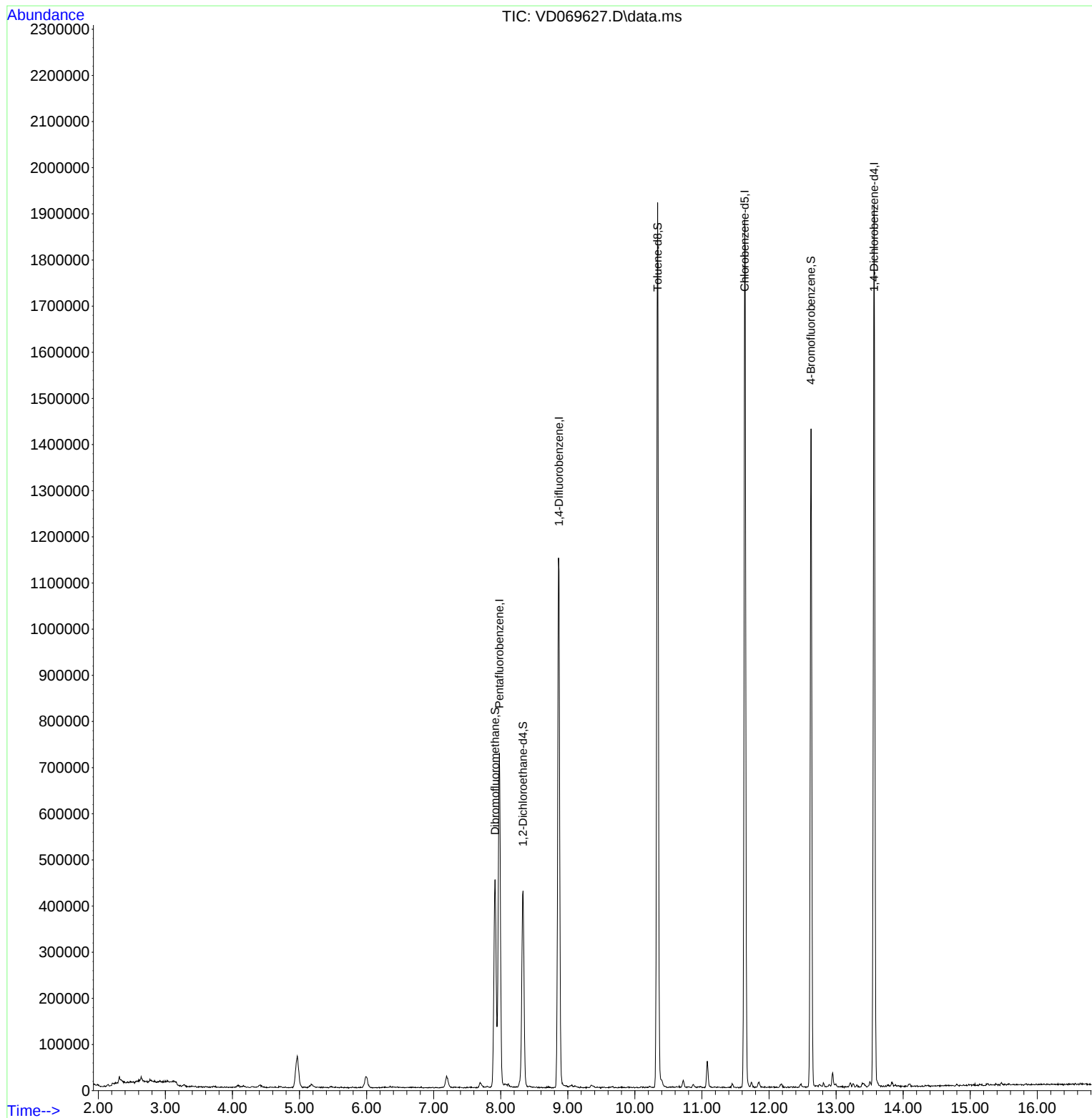
Target Compounds	Qvalue

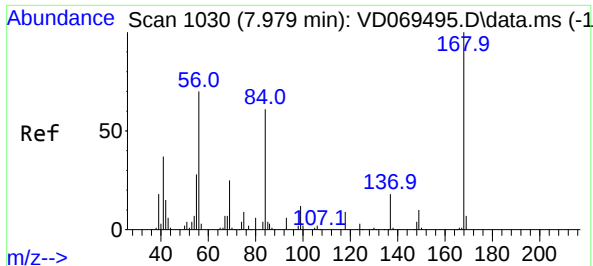
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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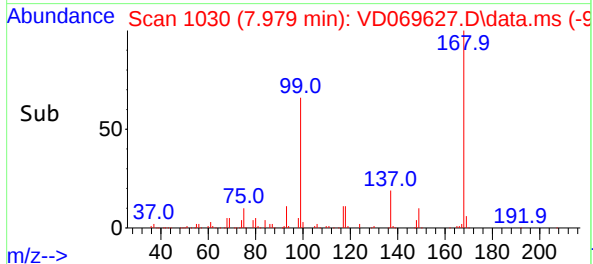
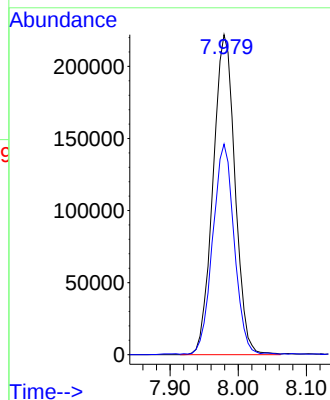
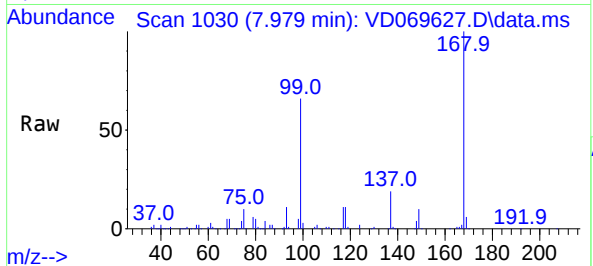




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. 0.000 min
 Lab File: VD069627.D
 Acq: 08 Jul 2021 14:13

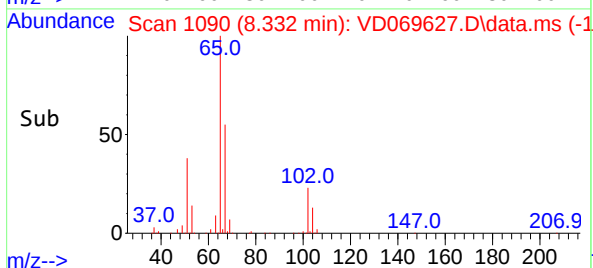
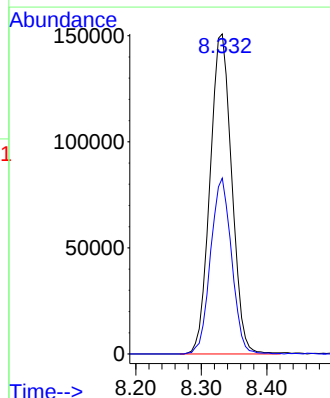
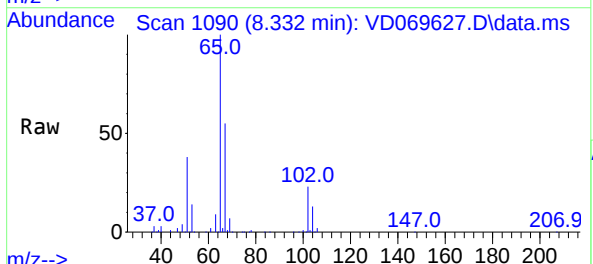
Instrument :
 MSVOA_D
 ClientSampleId :
 MH-2B-COMP

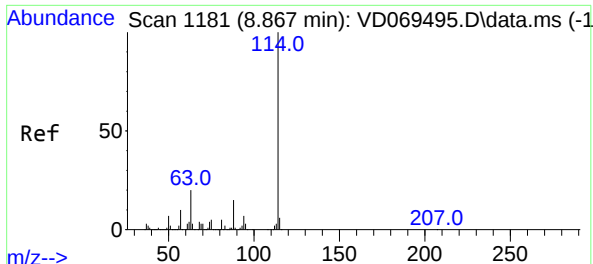
Tgt Ion:168 Resp: 497616
 Ion Ratio Lower Upper
 168 100
 99 65.6 49.3 73.9



1,2-Dichloroethane-d4
 Concen: 55.949 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VD069627.D
 Acq: 08 Jul 2021 14:13

Tgt Ion: 65 Resp: 347033
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.6



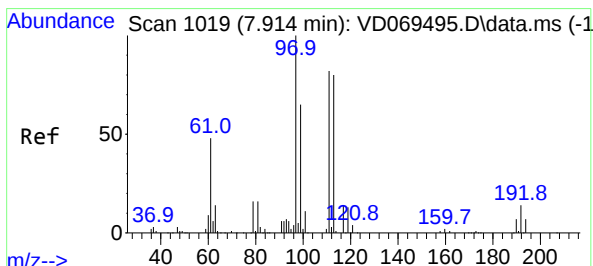
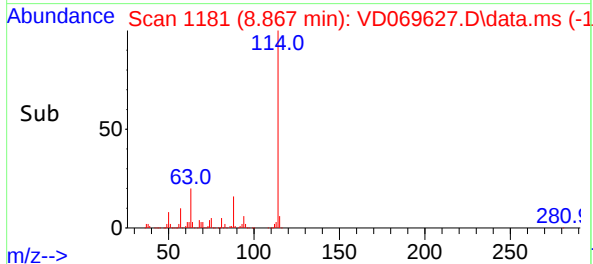
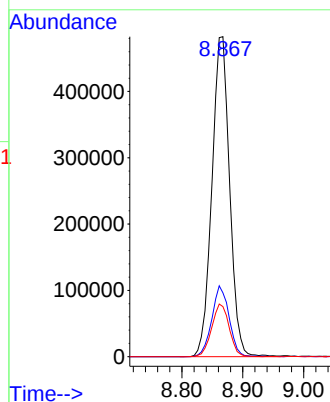
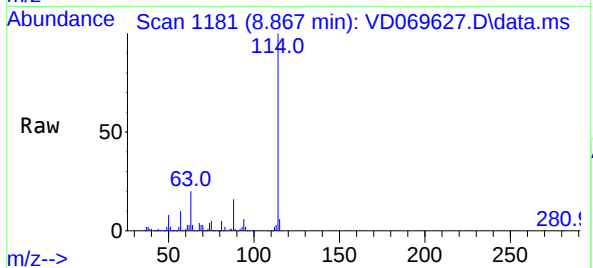


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069627.D
Acq: 08 Jul 2021 14:13

Instrument :
MSVOA_D
ClientSampleId :
MH-2B-COMP

Tgt Ion:114 Resp: 975063

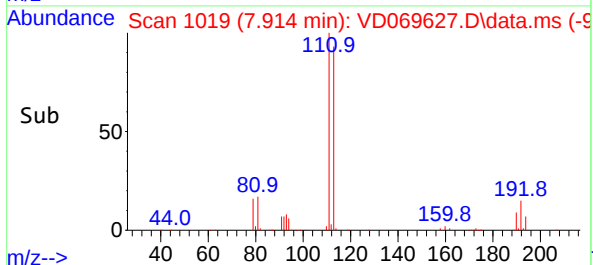
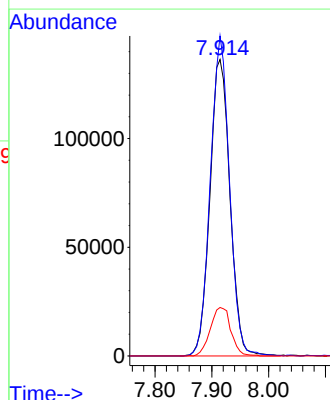
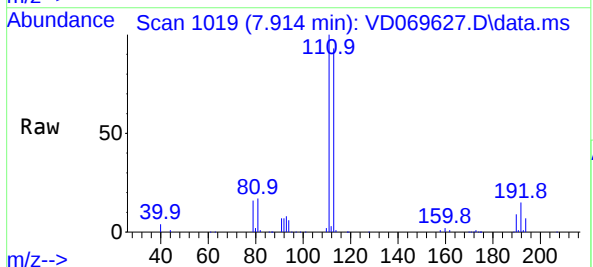
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.6
88	15.6	0.0	29.8

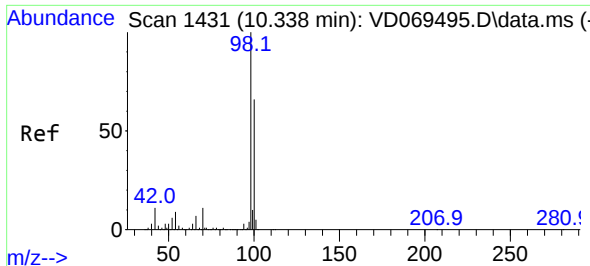


#35
Dibromofluoromethane
Concen: 50.683 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069627.D
Acq: 08 Jul 2021 14:13

Tgt Ion:113 Resp: 334067

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.8
192	16.7	13.8	20.6

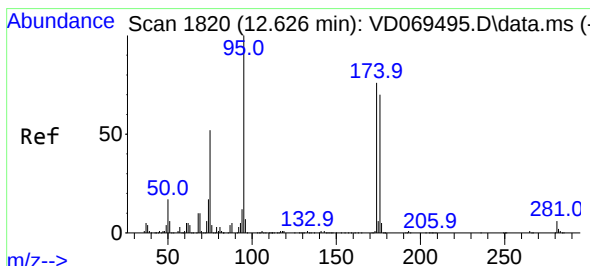
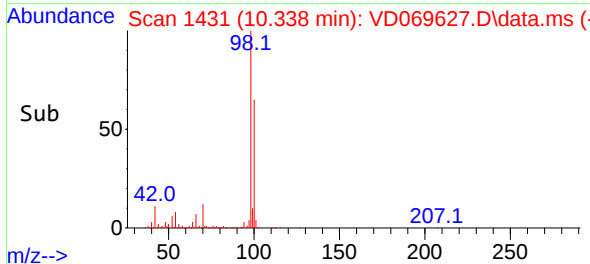
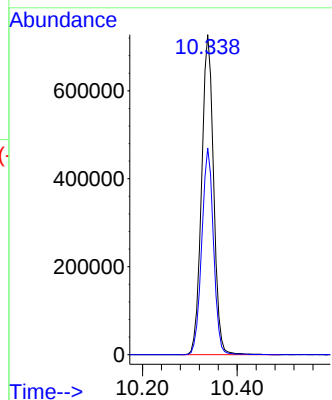
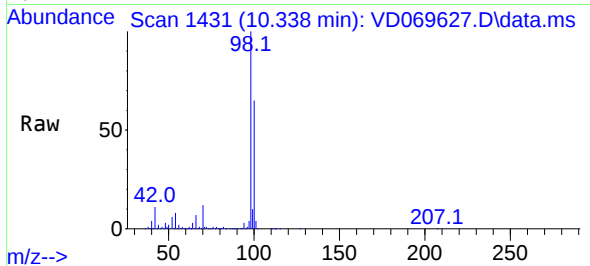




#50
Toluene-d8
Concen: 51.811 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069627.D
Acq: 08 Jul 2021 14:13

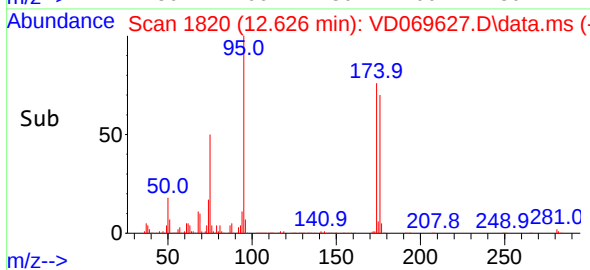
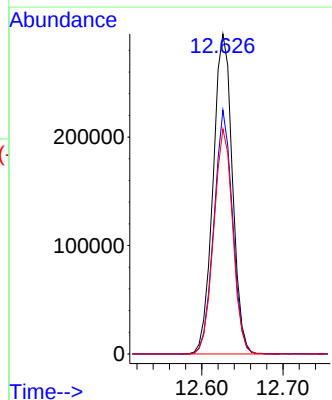
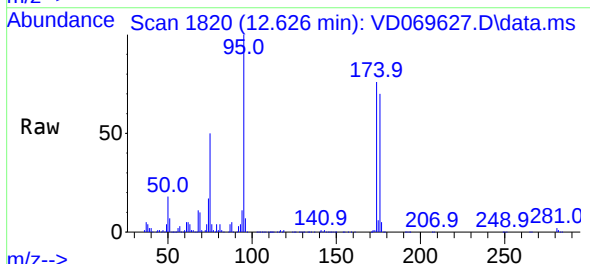
Instrument :
MSVOA_D
ClientSampleId :
MH-2B-COMP

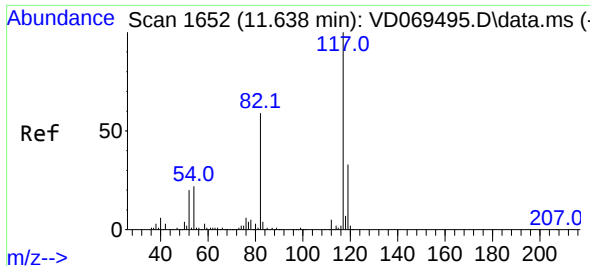
Tgt Ion: 98 Resp: 1280941
Ion Ratio Lower Upper
98 100
100 63.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 60.026 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069627.D
Acq: 08 Jul 2021 14:13

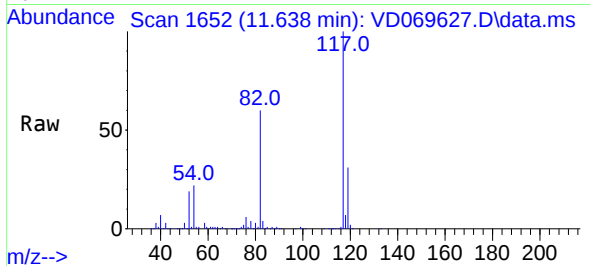
Tgt Ion: 95 Resp: 487885
Ion Ratio Lower Upper
95 100
174 73.5 0.0 148.0
176 69.0 0.0 139.8





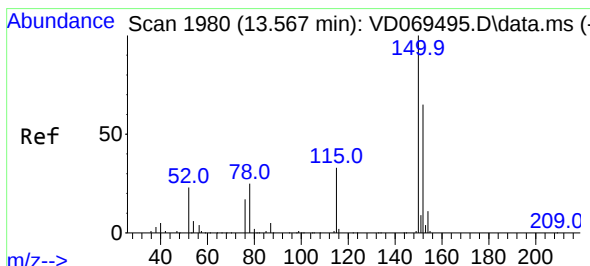
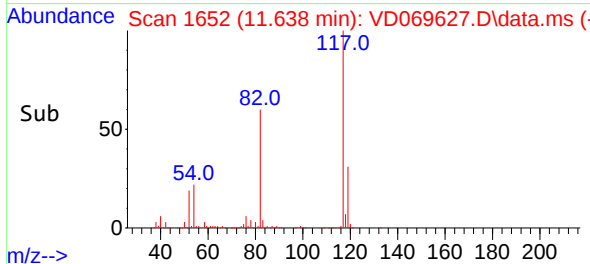
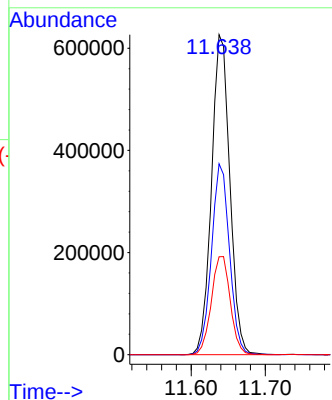
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069627.D
Acq: 08 Jul 2021 14:13

Instrument :
MSVOA_D
ClientSampleId :
MH-2B-COMP



Tgt Ion:117 Resp: 1076044

Ion	Ratio	Lower	Upper
117	100		
82	59.7	46.8	70.2
119	30.6	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069627.D
Acq: 08 Jul 2021 14:13

Tgt Ion:152 Resp: 482318

Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.7	95.1
150	158.0	0.0	350.8

