

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070721\
 Data File : VD069619.D
 Acq On : 07 Jul 2021 20:20
 Operator : VA/SY
 Sample : M2963-07
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-1B-COMP

Quant Time: Jul 08 01:10:03 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	553681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1094644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	1209803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	536267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	369383	53.522	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.040%	
35) Dibromofluoromethane	7.914	113	377726	51.047	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.100%	
50) Toluene-d8	10.338	98	1460619	52.625	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.240%	
62) 4-Bromofluorobenzene	12.626	95	533546	58.473	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.940%	

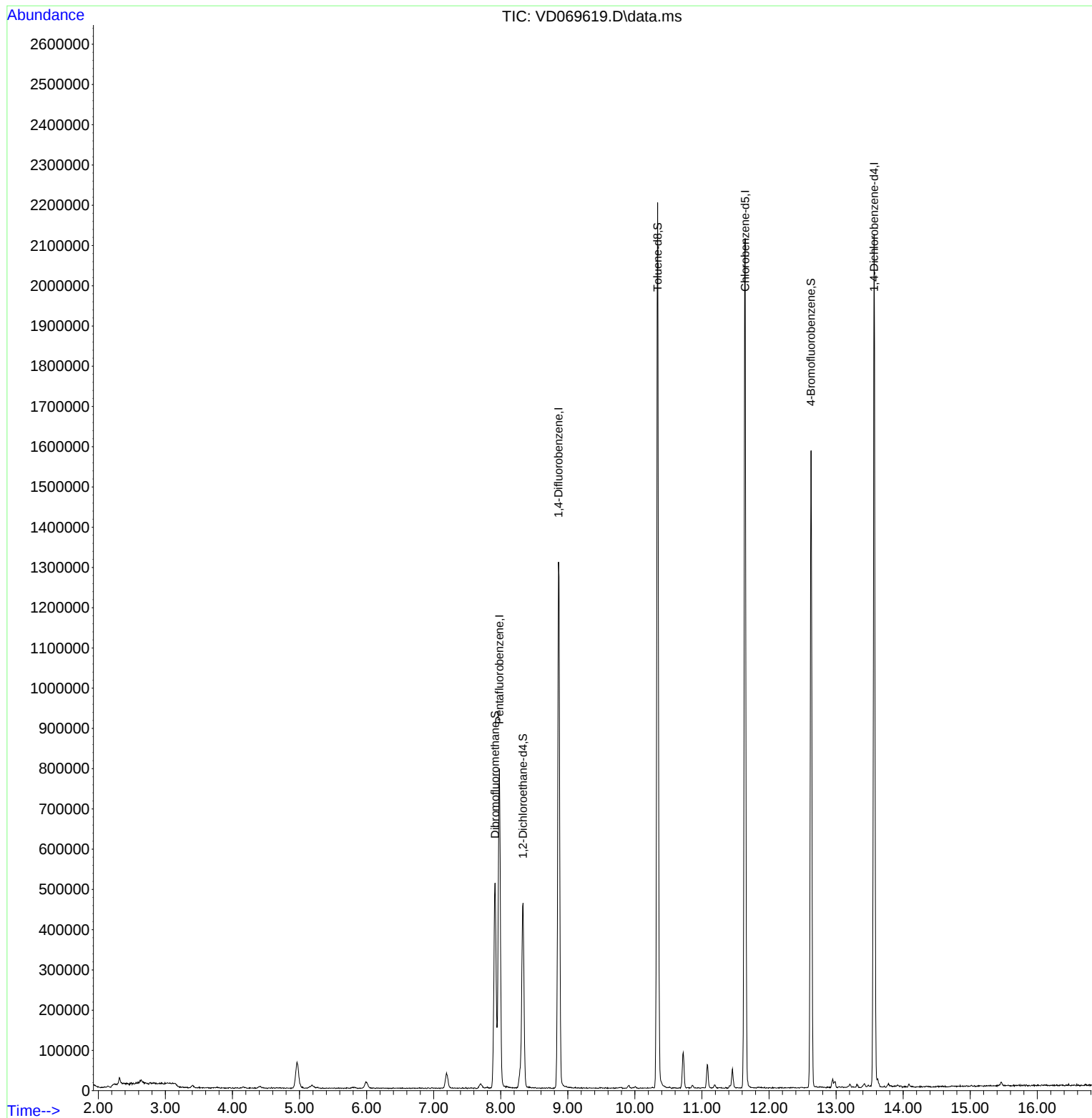
Target Compounds	Qvalue

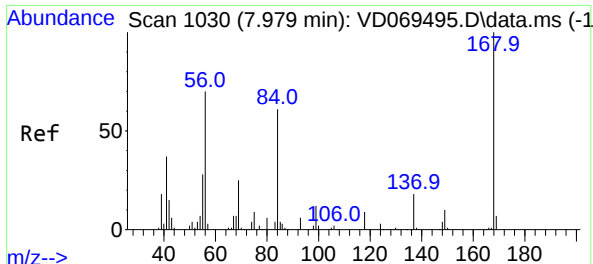
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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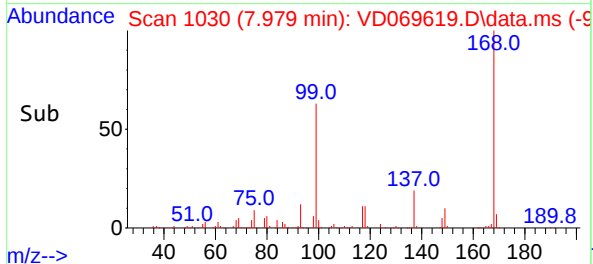
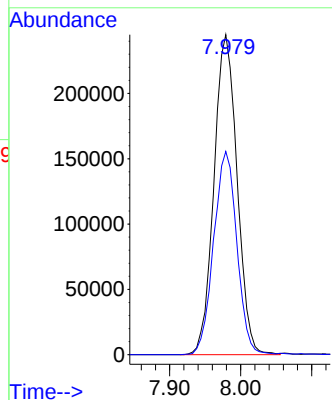
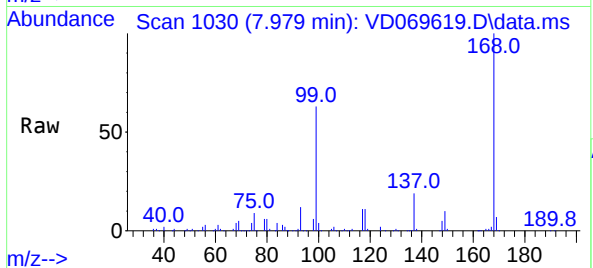




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069619.D
Acq: 07 Jul 2021 20:20

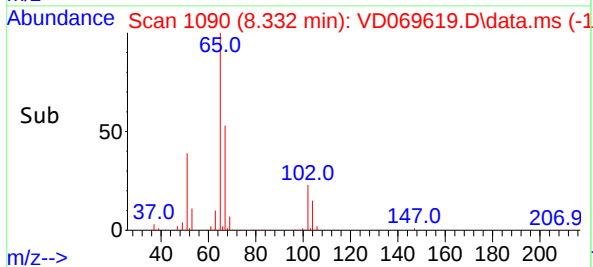
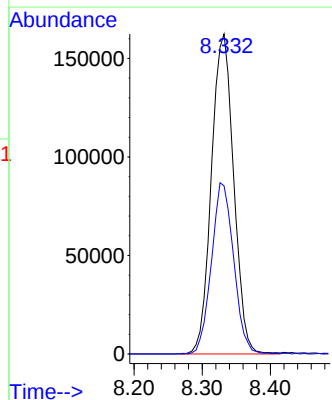
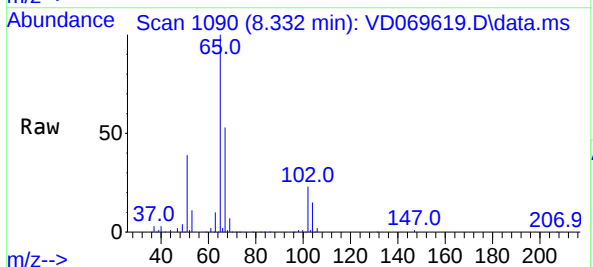
Instrument :
MSVOA_D
ClientSampleId :
MH-1B-COMP

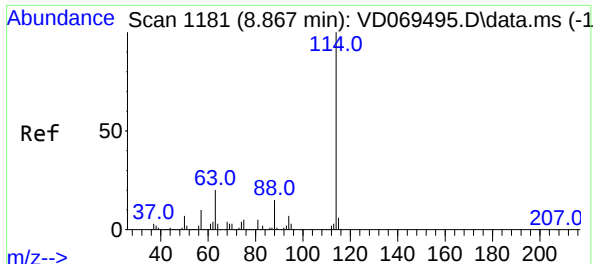
Tgt Ion:168 Resp: 553681
Ion Ratio Lower Upper
168 100
99 63.5 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 53.522 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069619.D
Acq: 07 Jul 2021 20:20

Tgt Ion: 65 Resp: 369383
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.6



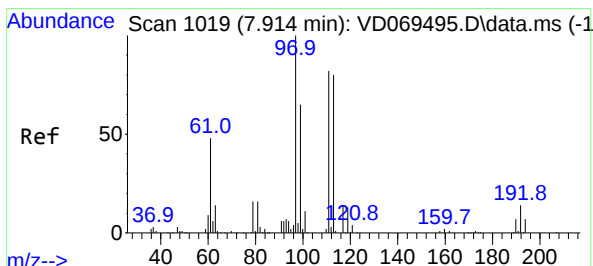
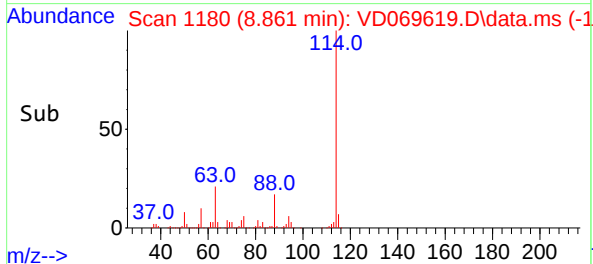
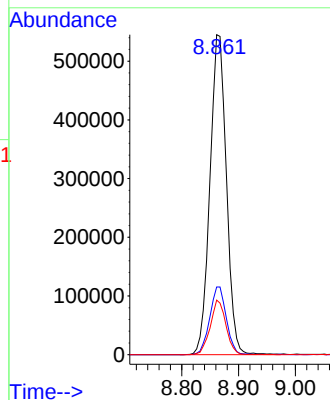
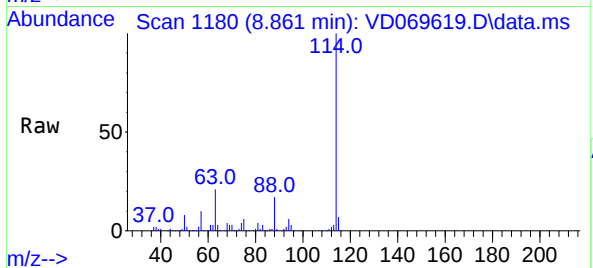


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069619.D
Acq: 07 Jul 2021 20:20

Instrument :
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MH-1B-COMP

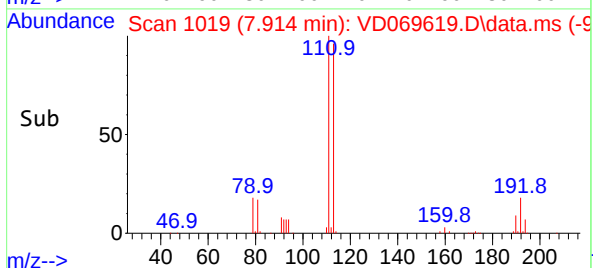
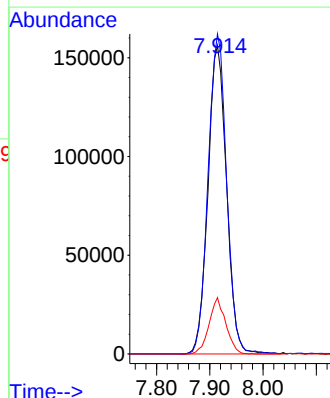
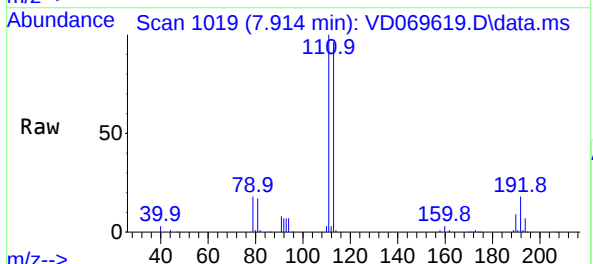
Tgt Ion:114 Resp: 1094644
Ion Ratio Lower Upper
114 100
63 21.2 0.0 39.6
88 17.1 0.0 29.8

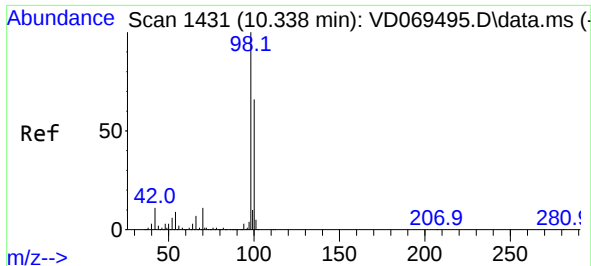


#35

Dibromofluoromethane
Concen: 51.047 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069619.D
Acq: 07 Jul 2021 20:20

Tgt Ion:113 Resp: 377726
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.8
192 16.4 13.8 20.6

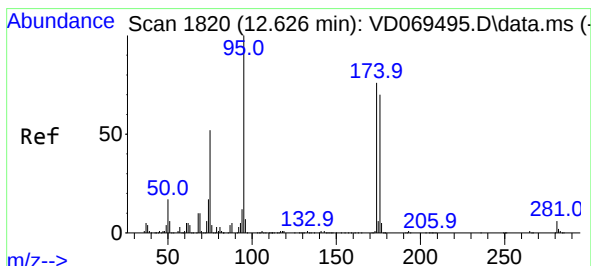
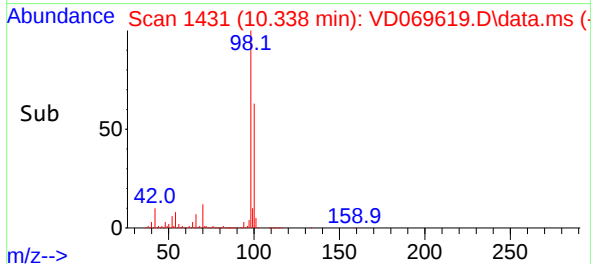
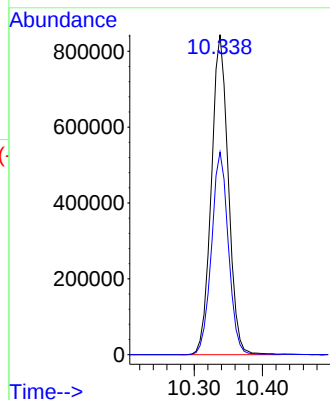
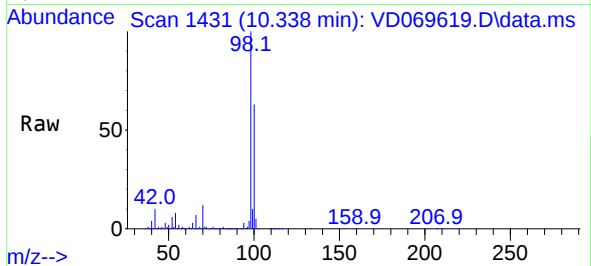




#50
Toluene-d8
Concen: 52.625 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069619.D
Acq: 07 Jul 2021 20:20

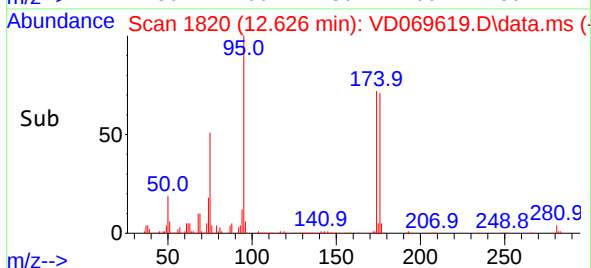
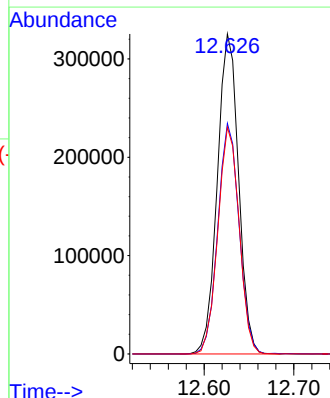
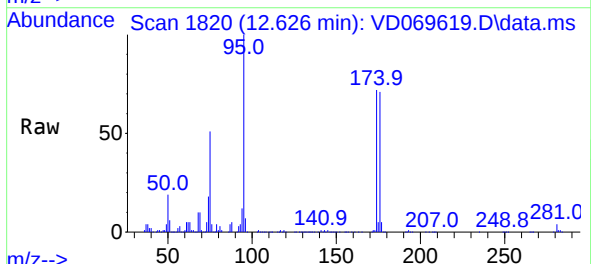
Instrument :
MSVOA_D
ClientSampleId :
MH-1B-COMP

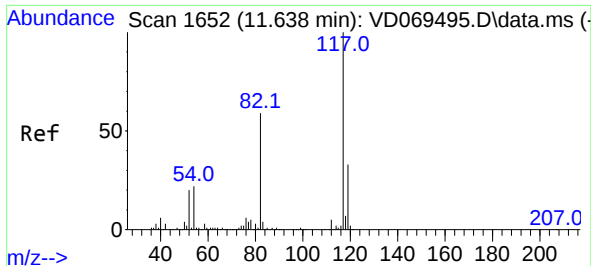
Tgt Ion: 98 Resp: 1460619
Ion Ratio Lower Upper
98 100
100 63.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 58.473 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069619.D
Acq: 07 Jul 2021 20:20

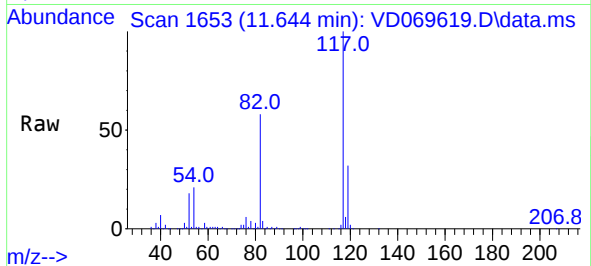
Tgt Ion: 95 Resp: 533546
Ion Ratio Lower Upper
95 100
174 72.4 0.0 148.0
176 71.0 0.0 139.8





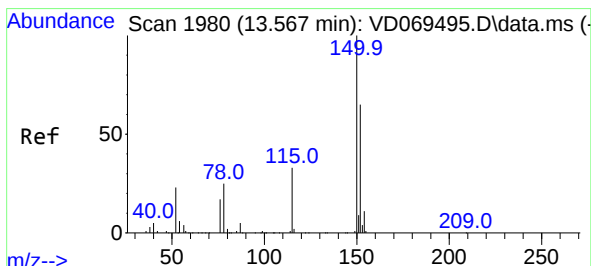
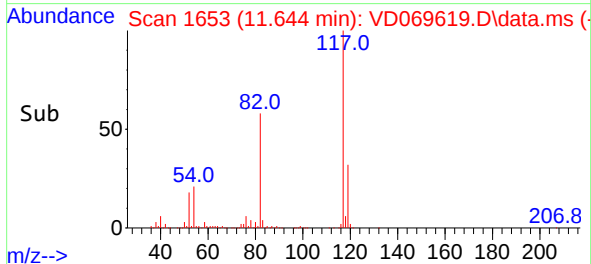
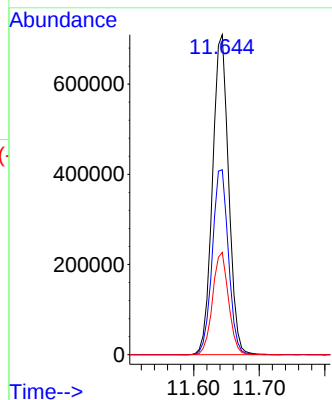
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069619.D
Acq: 07 Jul 2021 20:20

Instrument :
MSVOA_D
ClientSampleId :
MH-1B-COMP



Tgt Ion:117 Resp: 1209803

Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.8	70.2
119	32.0	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: VD069619.D
Acq: 07 Jul 2021 20:20

Tgt Ion:152 Resp: 536267

Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.7	95.1
150	158.6	0.0	350.8

