

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070721\
 Data File : VD069613.D
 Acq On : 07 Jul 2021 17:30
 Operator : VA/SY
 Sample : M2936-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-070221

Quant Time: Jul 08 01:08:18 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	10917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	21732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	24018	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	9378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	12859	94.497	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 189.000%#	
35) Dibromofluoromethane	7.908	113	5806	39.522	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 79.040%	
50) Toluene-d8	10.338	98	26883	48.787	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.580%	
62) 4-Bromofluorobenzene	12.626	95	9304	51.360	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.720%	

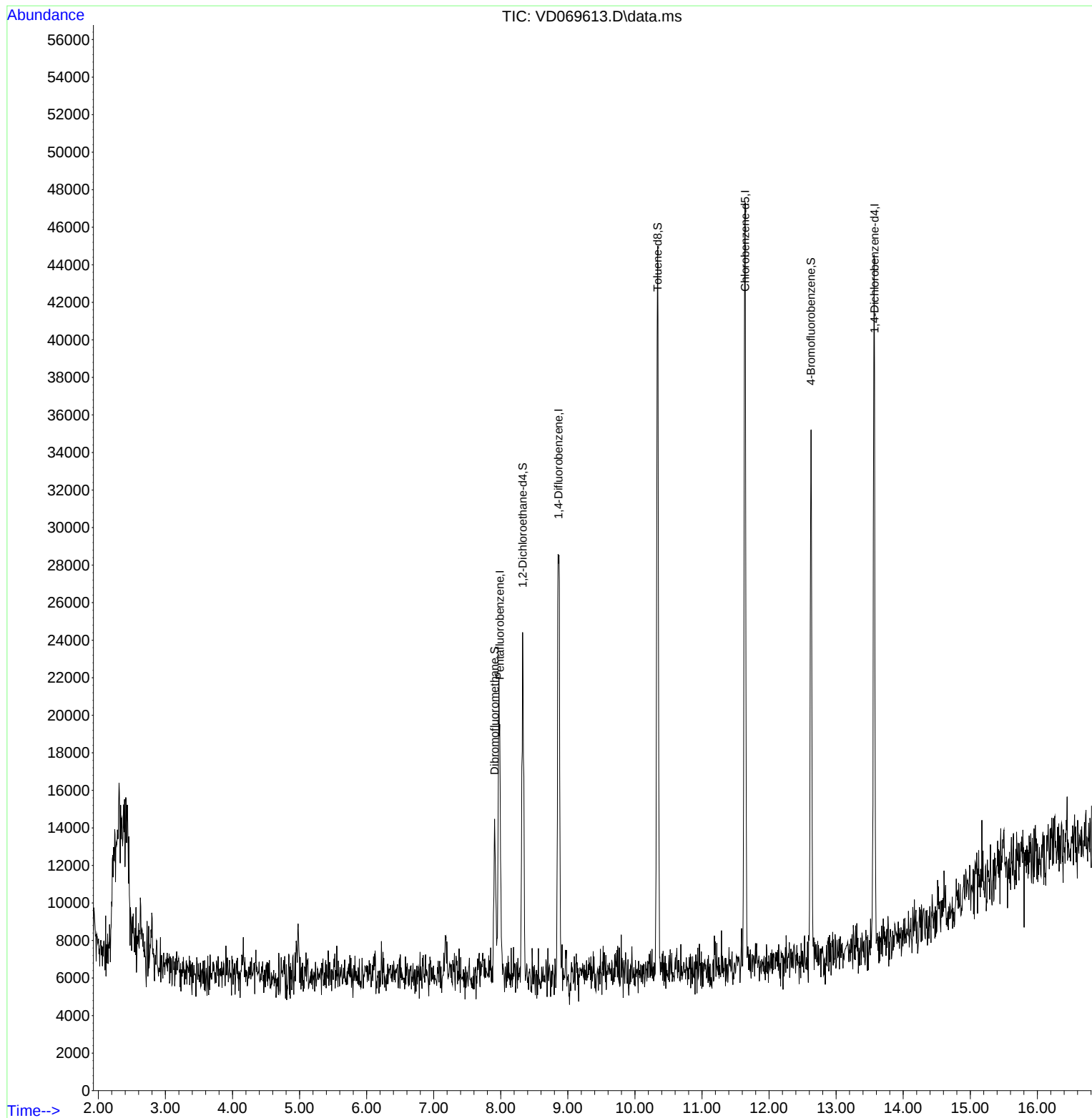
Target Compounds	Qvalue

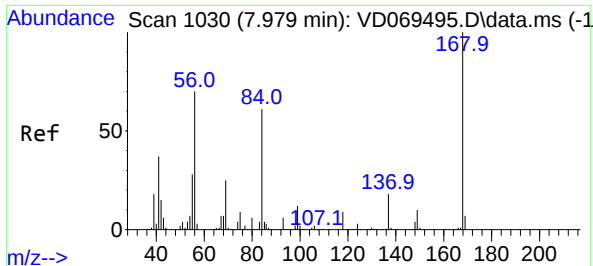
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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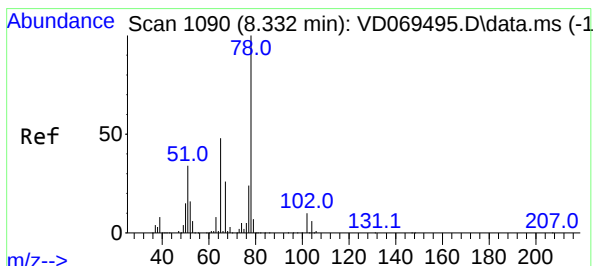
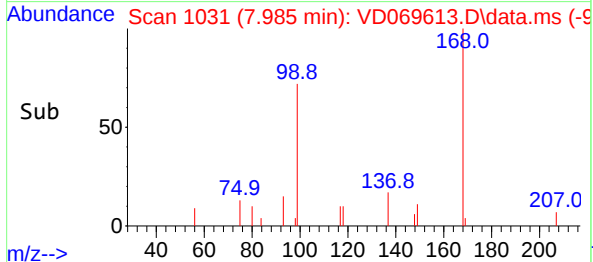
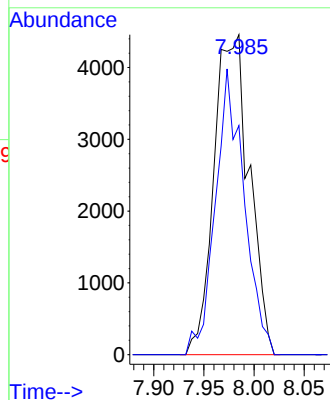
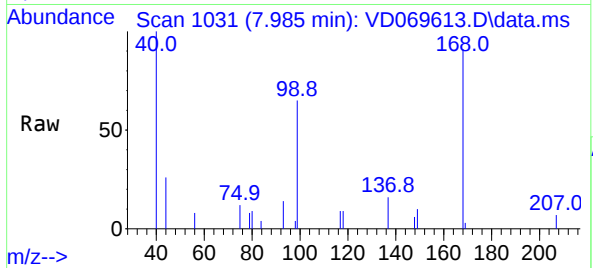




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069613.D
Acq: 07 Jul 2021 17:30

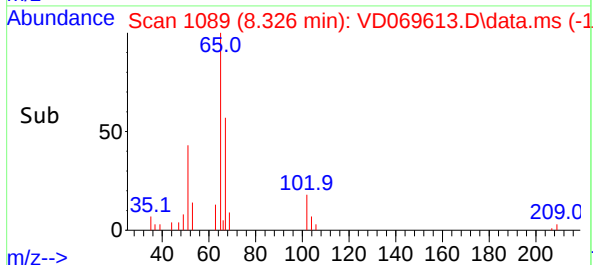
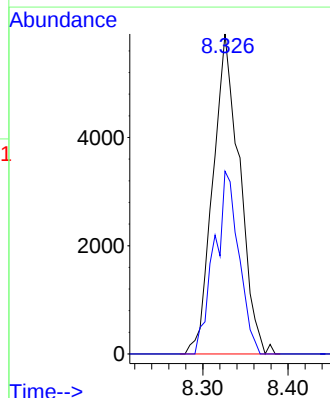
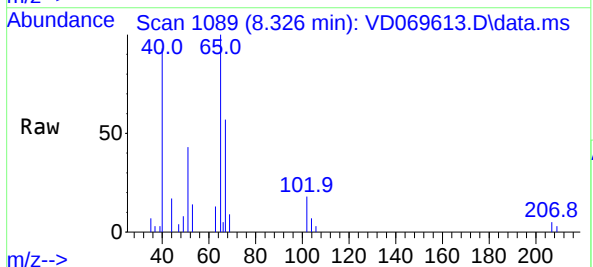
Instrument :
MSVOA_D
ClientSampleId :
TR-05-070221

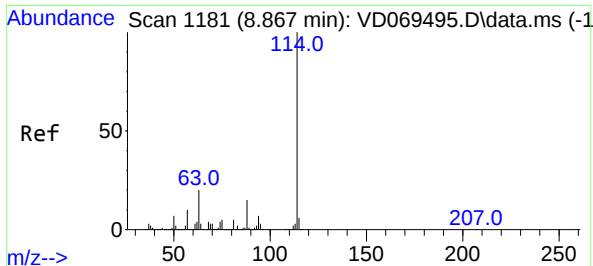
Tgt Ion:168 Resp: 10917
Ion Ratio Lower Upper
168 100
99 71.6 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 94.497 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069613.D
Acq: 07 Jul 2021 17:30

Tgt Ion: 65 Resp: 12859
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.6



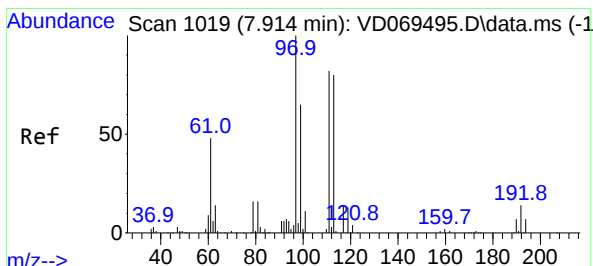
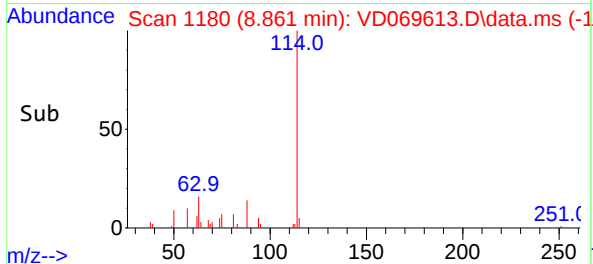
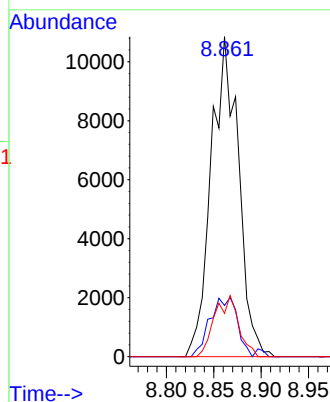
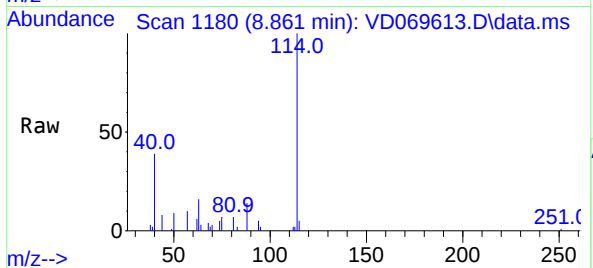


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069613.D
Acq: 07 Jul 2021 17:30

Instrument :
MSVOA_D
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TR-05-070221

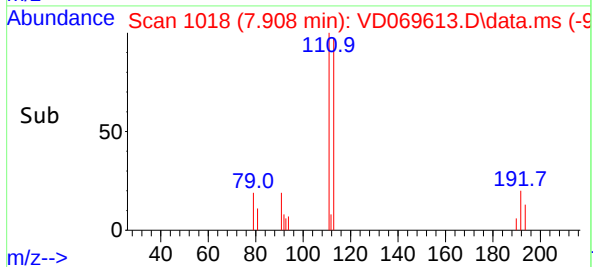
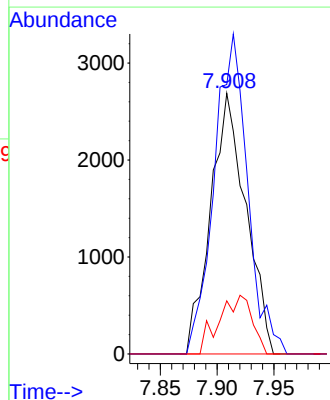
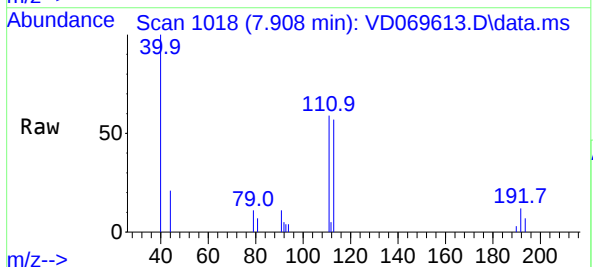
Tgt Ion:	114	Resp:	21732
Ion Ratio	Lower	Upper	
114	100		
63	16.0	0.0	39.6
88	13.6	0.0	29.8

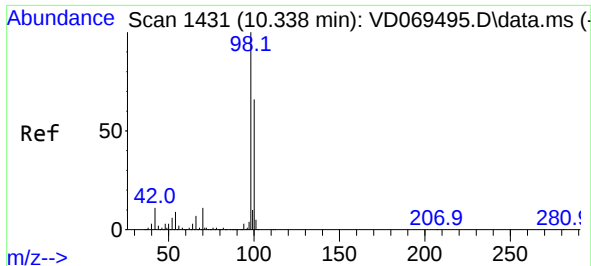


#35

Dibromofluoromethane
Concen: 39.522 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069613.D
Acq: 07 Jul 2021 17:30

Tgt Ion:	113	Resp:	5806
Ion Ratio	Lower	Upper	
113	100		
111	116.3	81.8	122.8
192	21.1	13.8	20.6#

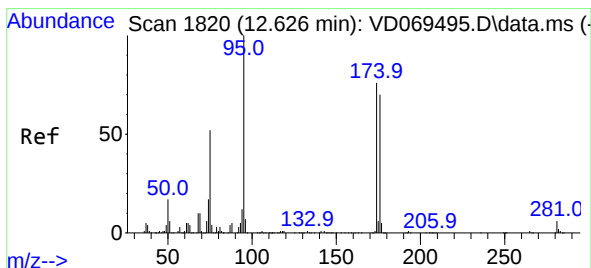
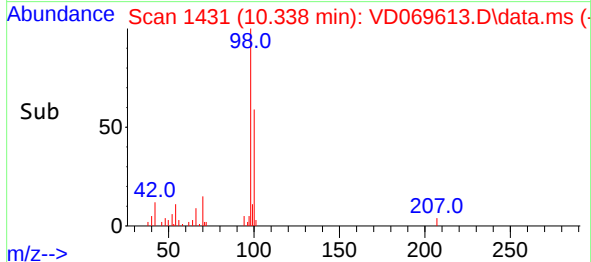
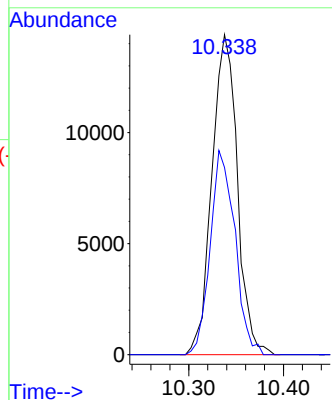
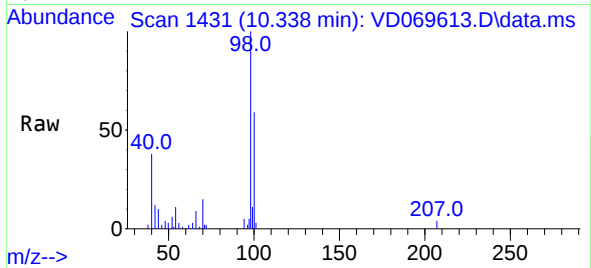




#50
Toluene-d8
Concen: 48.787 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069613.D
Acq: 07 Jul 2021 17:30

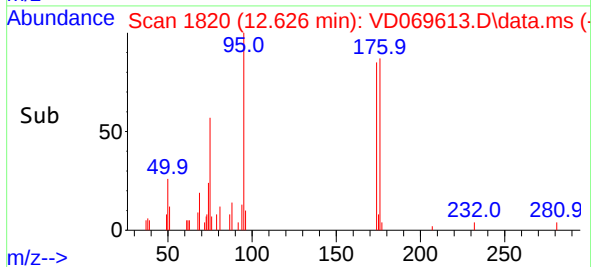
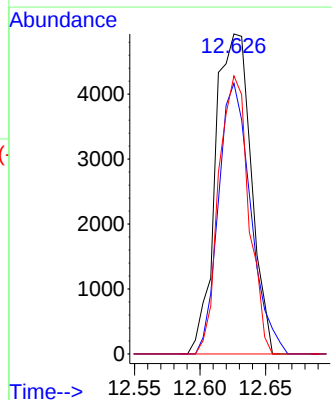
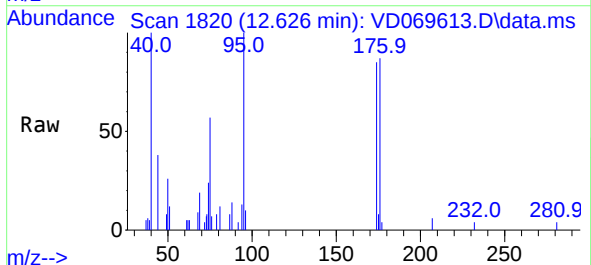
Instrument :
MSVOA_D
ClientSampleId :
TR-05-070221

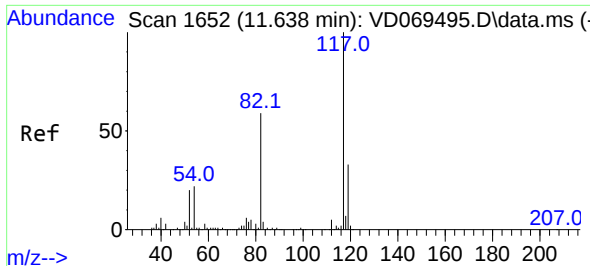
Tgt Ion: 98 Resp: 26883
Ion Ratio Lower Upper
98 100
100 61.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 51.360 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069613.D
Acq: 07 Jul 2021 17:30

Tgt Ion: 95 Resp: 9304
Ion Ratio Lower Upper
95 100
174 76.5 0.0 148.0
176 72.9 0.0 139.8

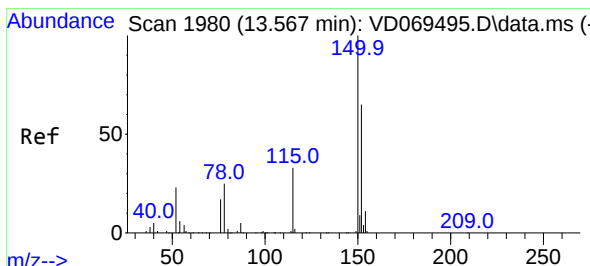
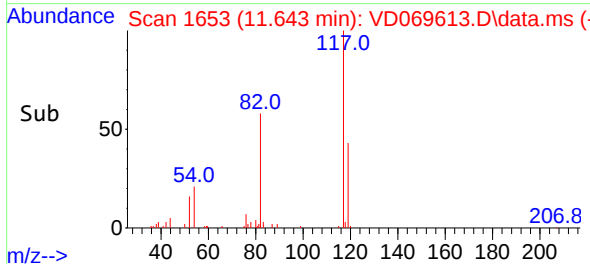
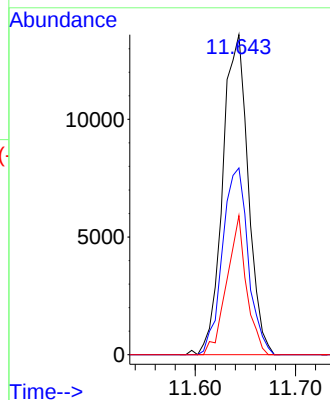
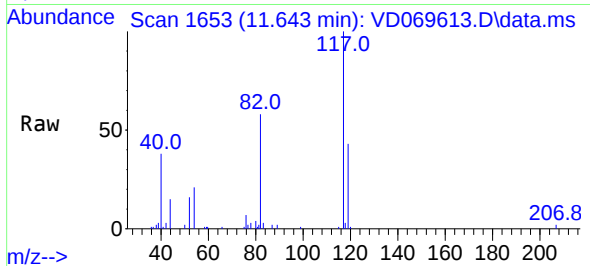




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069613.D
Acq: 07 Jul 2021 17:30

Instrument :
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ClientSampleId :
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Tgt Ion:	117	Resp:	24018
Ion Ratio	Lower	Upper	
117	100		
82	58.3	46.8	70.2
119	43.5	26.2	39.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD069613.D
Acq: 07 Jul 2021 17:30

Tgt Ion:	152	Resp:	9378
Ion Ratio	Lower	Upper	
152	100		
115	59.2	31.7	95.1
150	158.9	0.0	350.8

