

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071421\
 Data File : VD069687.D
 Acq On : 14 Jul 2021 14:49
 Operator : VA/SY
 Sample : M3001-01RE
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-25720RE

Quant Time: Jul 14 16:30:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

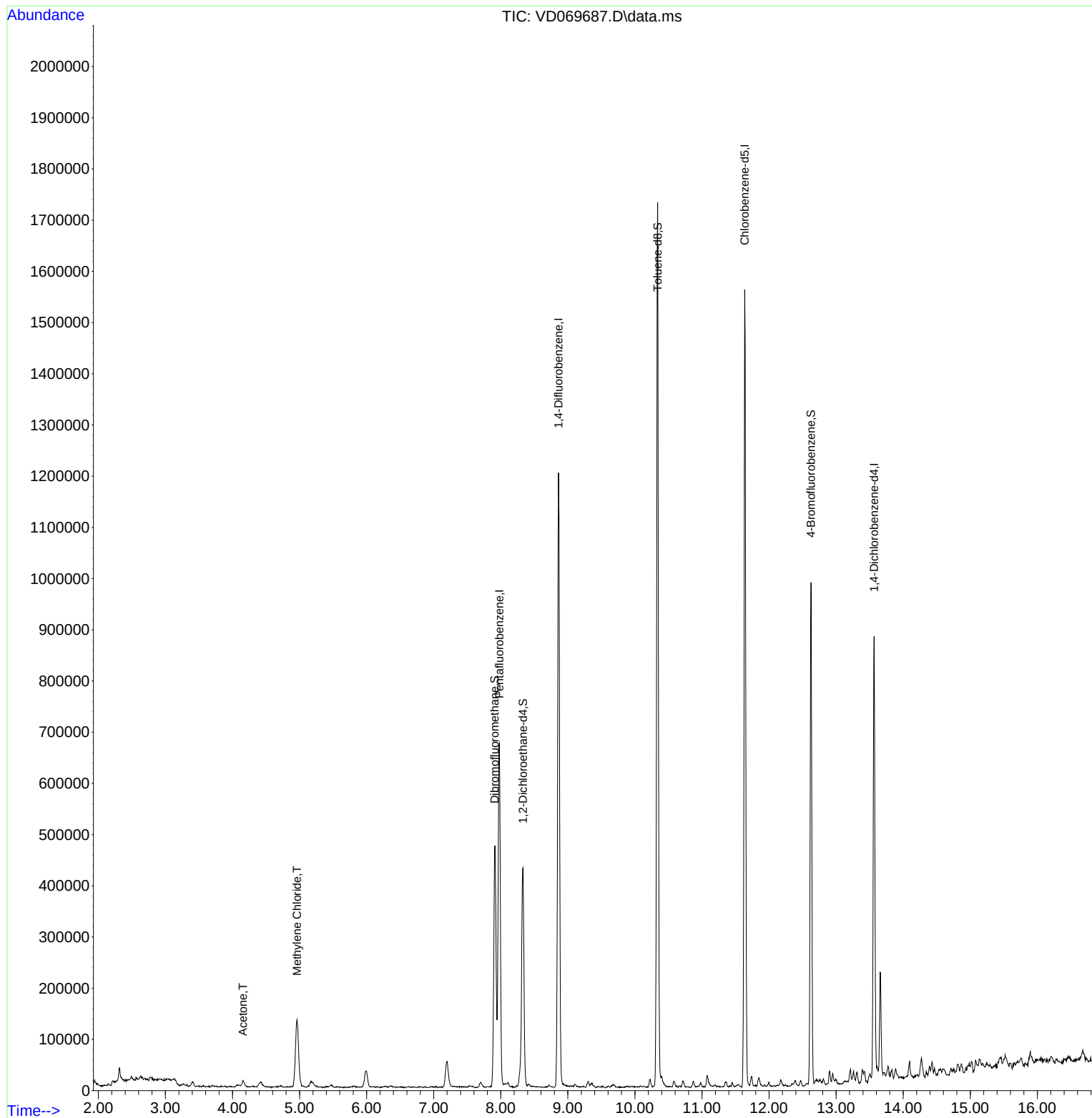
Internal Standards						
1) Pentafluorobenzene	7.979	168	480074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1007473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	884467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	225724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	349440	58.295	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.580%			
35) Dibromofluoromethane	7.908	113	355058	52.531	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.060%			
50) Toluene-d8	10.338	98	1170737	44.585	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 89.180%			
62) 4-Bromofluorobenzene	12.626	95	329629	37.640	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 75.280%			
Target Compounds					Qvalue	
16) Acetone	4.156	43	20587	27.905	ug/l	97
20) Methylene Chloride	4.962	84	107794	8.472	ug/l	94

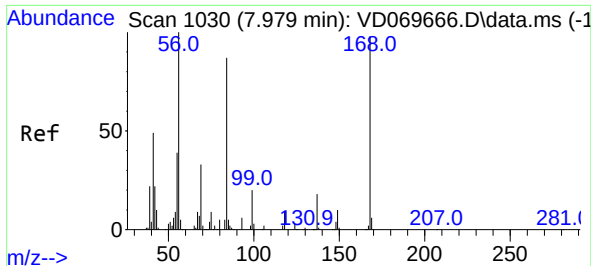
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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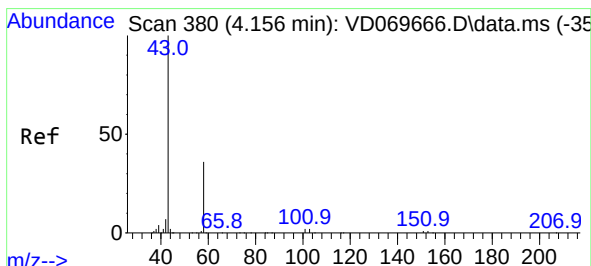
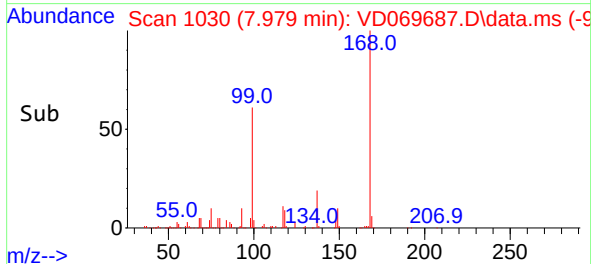
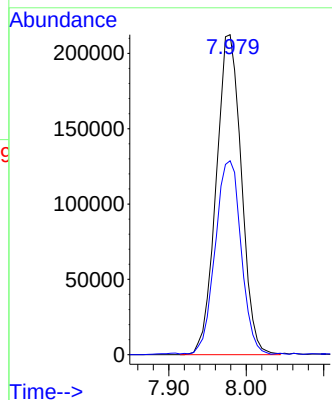
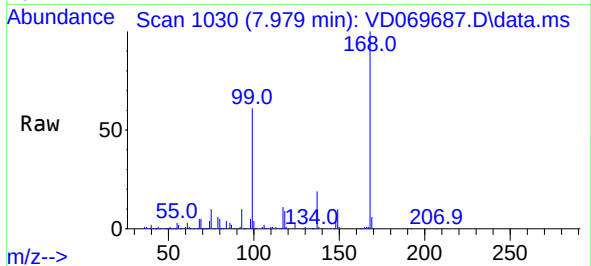




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069687.D
Acq: 14 Jul 2021 14:49

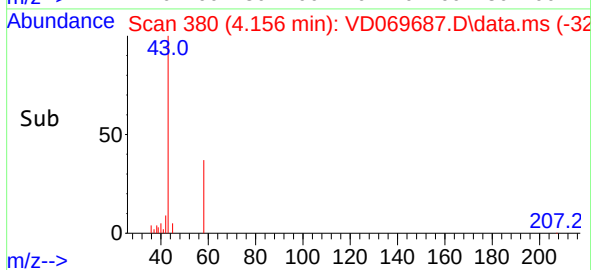
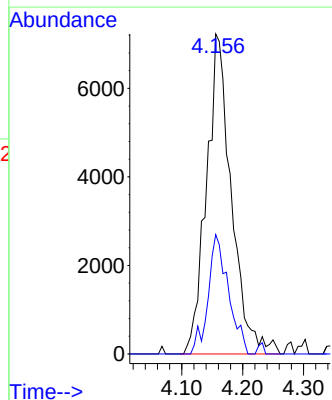
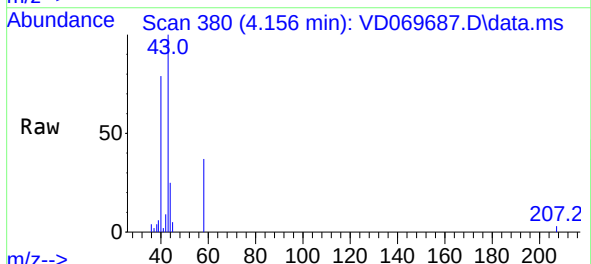
Instrument :
MSVOA_D
ClientSampleId :
CHRT-25720RE

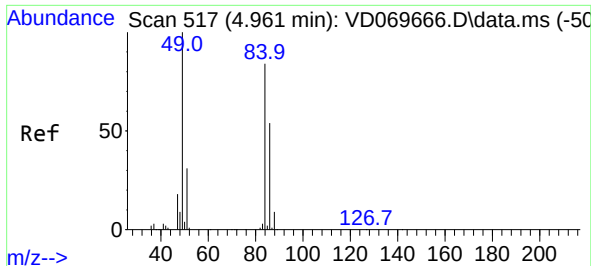
Tgt Ion:168 Resp: 480074
Ion Ratio Lower Upper
168 100
99 60.3 51.8 77.6



#16
Acetone
Concen: 27.905 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069687.D
Acq: 14 Jul 2021 14:49

Tgt Ion: 43 Resp: 20587
Ion Ratio Lower Upper
43 100
58 37.3 28.6 42.8



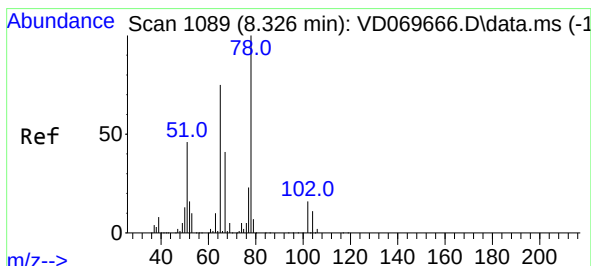
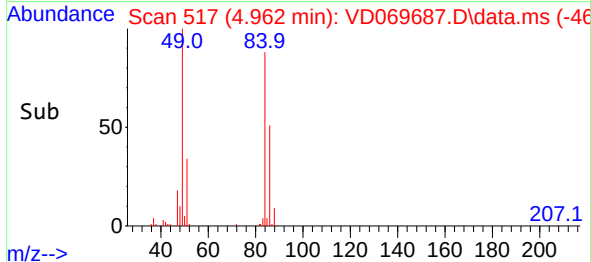
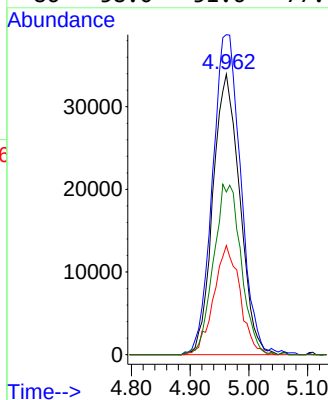
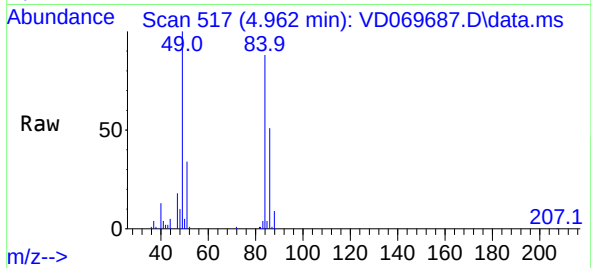


#20
Methylene Chloride
Concen: 8.472 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD069687.D
Acq: 14 Jul 2021 14:49

Instrument :
MSVOA_D
ClientSampleId :
CHRT-25720RE

Tgt Ion: 84 Resp: 107794

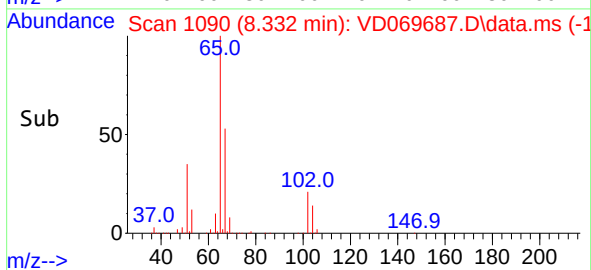
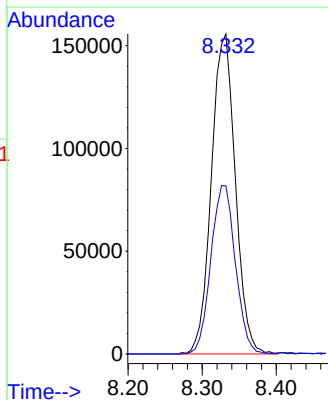
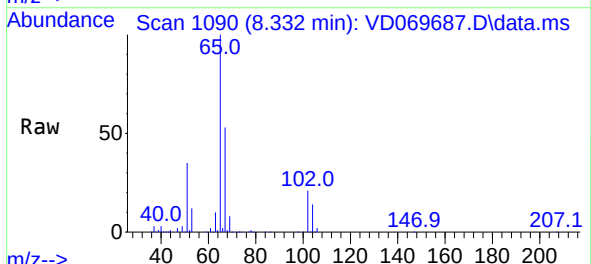
Ion	Ratio	Lower	Upper
84	100		
49	114.1	95.5	143.3
51	38.9	29.7	44.5
86	58.0	51.6	77.4

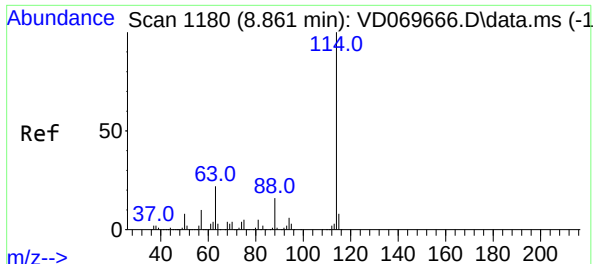


#33
1,2-Dichloroethane-d4
Concen: 58.295 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069687.D
Acq: 14 Jul 2021 14:49

Tgt Ion: 65 Resp: 349440

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	107.2



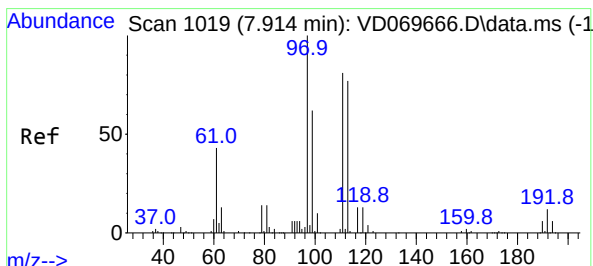
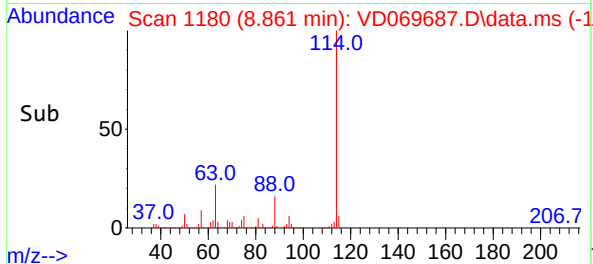
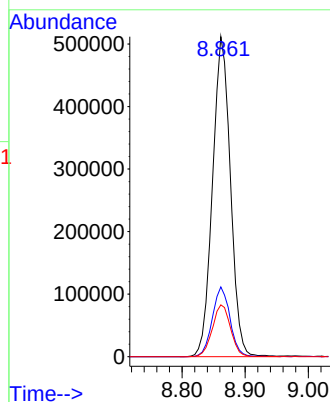
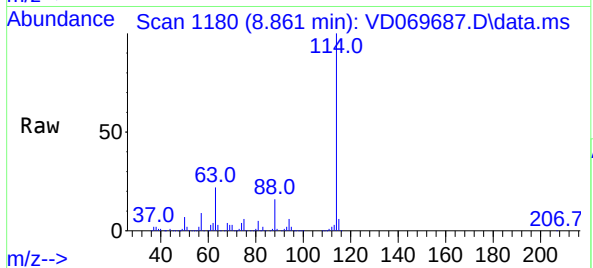


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069687.D
Acq: 14 Jul 2021 14:49

Instrument :
MSVOA_D
ClientSampleId :
CHRT-25720RE

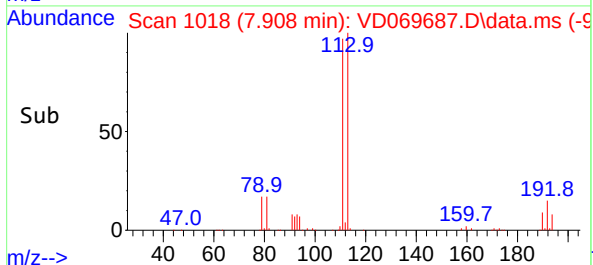
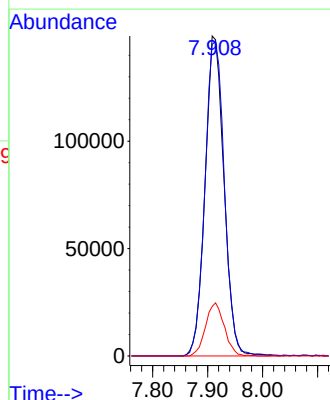
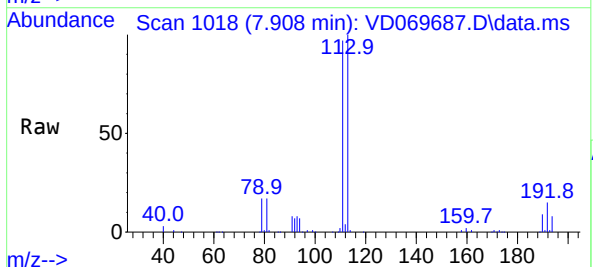
Tgt Ion:114 Resp: 1007473
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.4
88 16.2 0.0 32.0

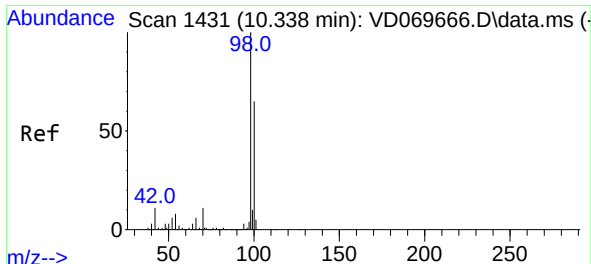


#35

Dibromofluoromethane
Concen: 52.531 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069687.D
Acq: 14 Jul 2021 14:49

Tgt Ion:113 Resp: 355058
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 16.5 12.7 19.1

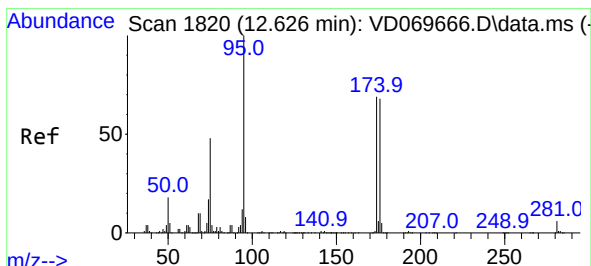
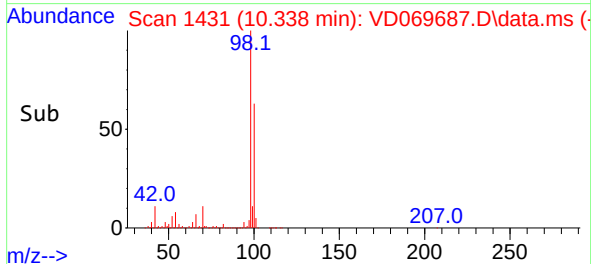
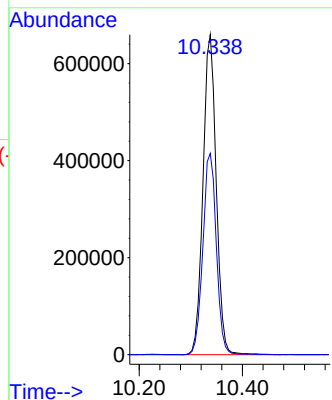
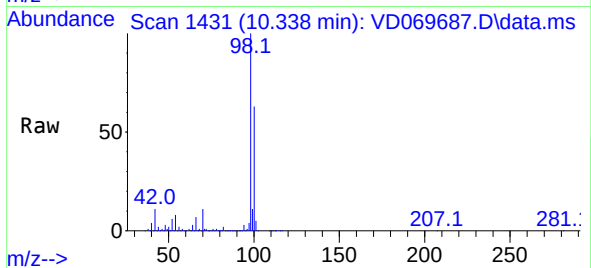




#50
Toluene-d8
Concen: 44.585 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069687.D
Acq: 14 Jul 2021 14:49

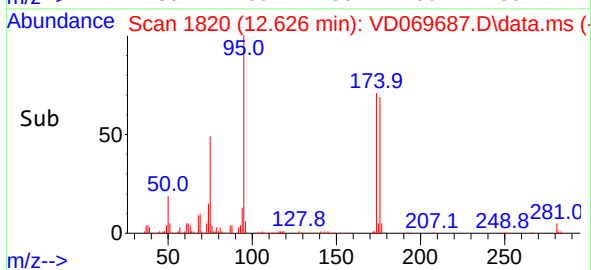
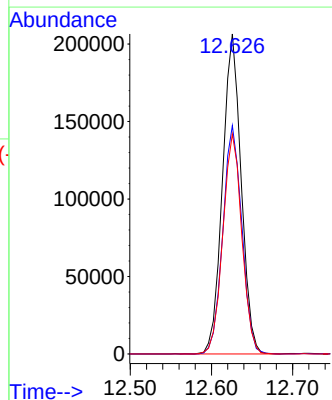
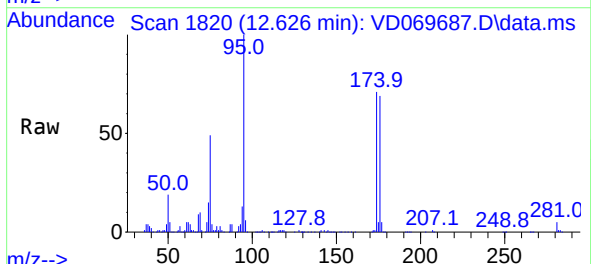
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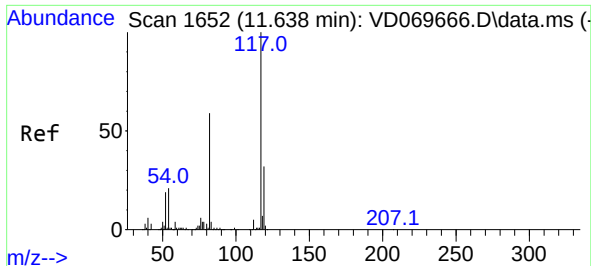
Tgt Ion: 98 Resp: 1170737
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 37.640 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069687.D
Acq: 14 Jul 2021 14:49

Tgt Ion: 95 Resp: 329629
Ion Ratio Lower Upper
95 100
174 72.6 0.0 140.0
176 69.9 0.0 136.2

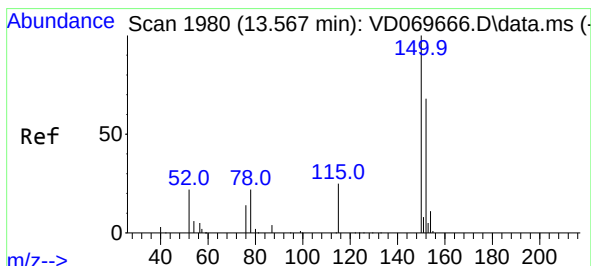
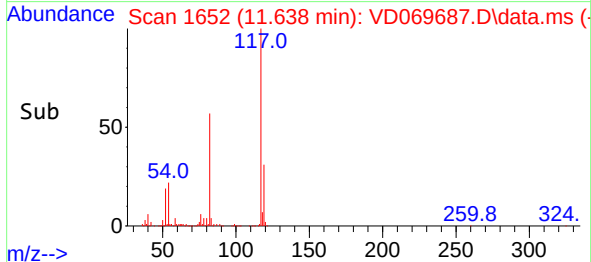
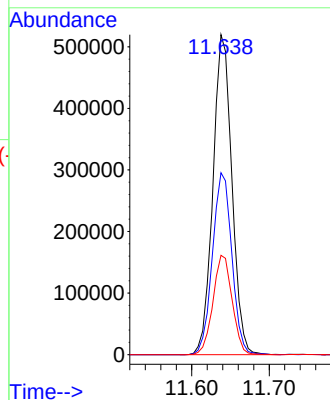
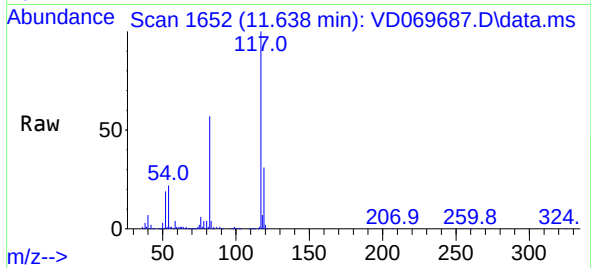




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069687.D
Acq: 14 Jul 2021 14:49

Instrument :
MSVOA_D
ClientSampleId :
CHRT-25720RE

Tgt Ion:117 Resp: 884467
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.2
119 31.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069687.D
Acq: 14 Jul 2021 14:49

Tgt Ion:152 Resp: 225724
Ion Ratio Lower Upper
152 100
115 61.8 31.7 95.1
150 159.7 0.0 350.4

