

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
 Data File : VD070024.D
 Acq On : 11 Aug 2021 15:35
 Operator : VA/SY
 Sample : M3333-05RE
 Misc : 3.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124019RE

Quant Time: Aug 12 05:29:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

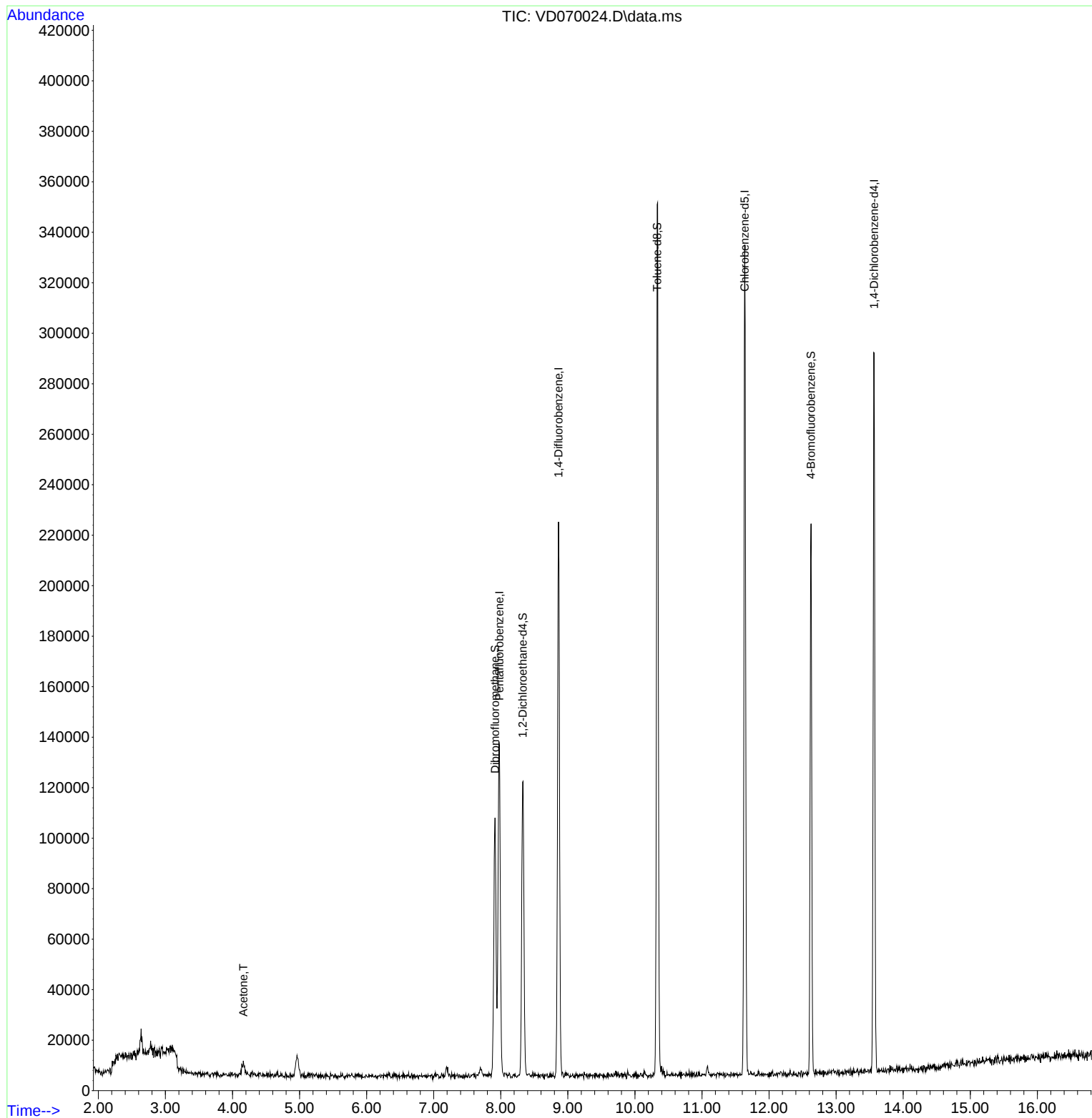
Internal Standards						
1) Pentafluorobenzene	7.979	168	96645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	189927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	196680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	79406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	93906	84.485	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 168.980%#	
35) Dibromofluoromethane	7.914	113	76038	63.508	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.020%	
50) Toluene-d8	10.332	98	240568	52.108	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.220%	
62) 4-Bromofluorobenzene	12.626	95	75191	48.733	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.460%	
Target Compounds					Qvalue	
16) Acetone	4.162	43	9943	49.520	ug/l	98

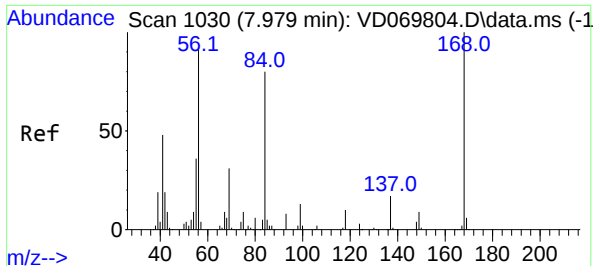
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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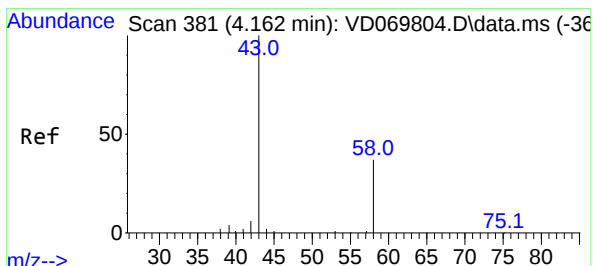
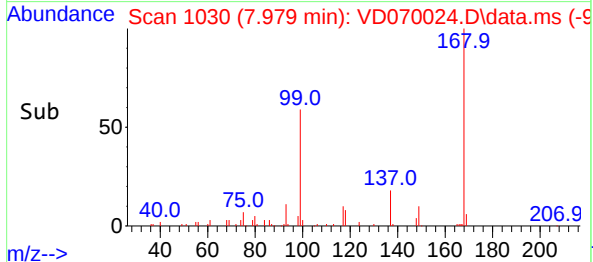
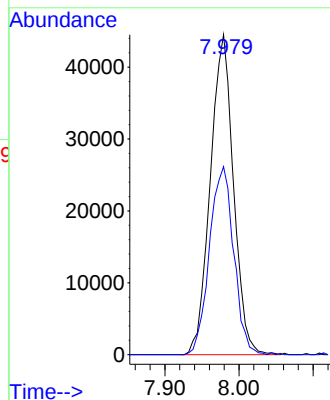
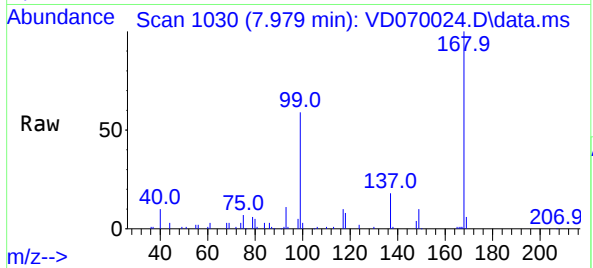




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070024.D
Acq: 11 Aug 2021 15:35

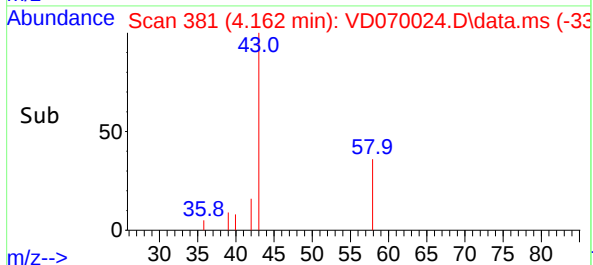
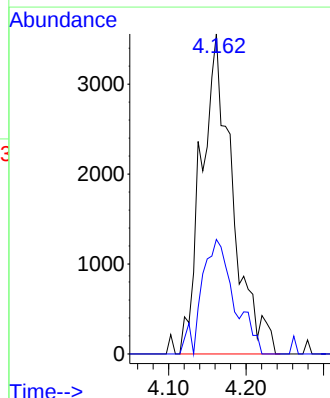
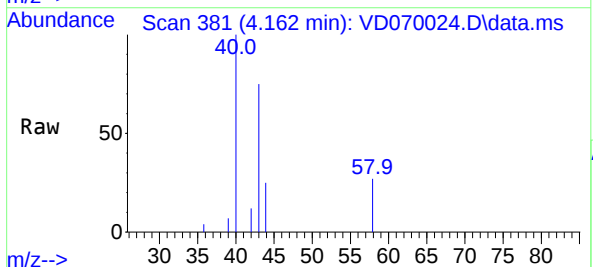
Instrument :
MSVOA_D
ClientSampleId :
124019RE

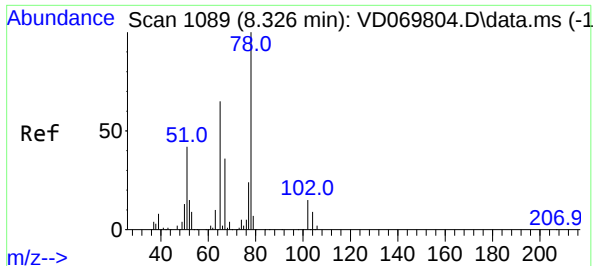
Tgt Ion:168 Resp: 96645
Ion Ratio Lower Upper
168 100
99 58.8 51.1 76.7



#16
Acetone
Concen: 49.520 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD070024.D
Acq: 11 Aug 2021 15:35

Tgt Ion: 43 Resp: 9943
Ion Ratio Lower Upper
43 100
58 35.8 29.4 44.0

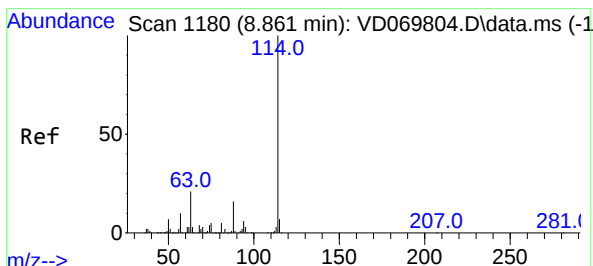
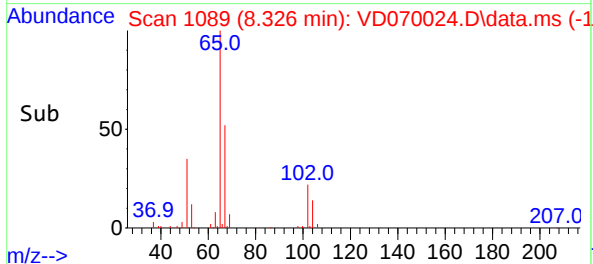
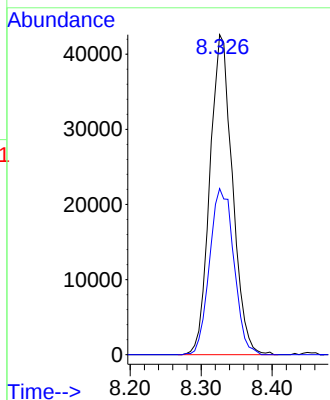
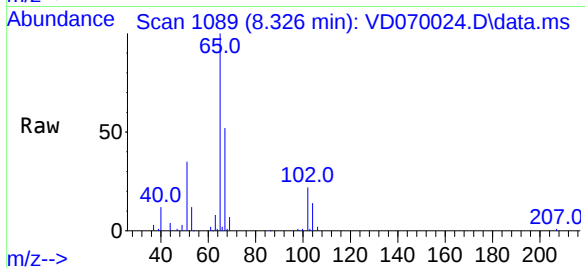




#33
1,2-Dichloroethane-d4
Concen: 84.485 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070024.D
Acq: 11 Aug 2021 15:35

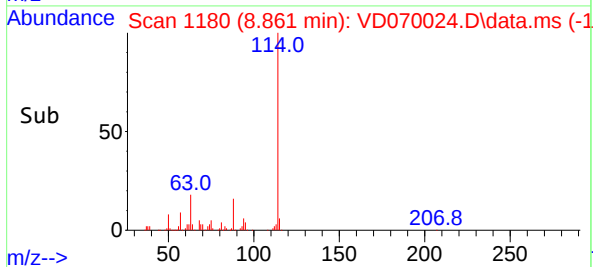
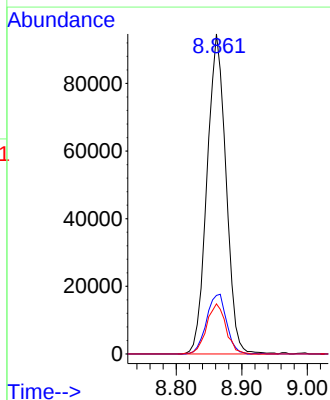
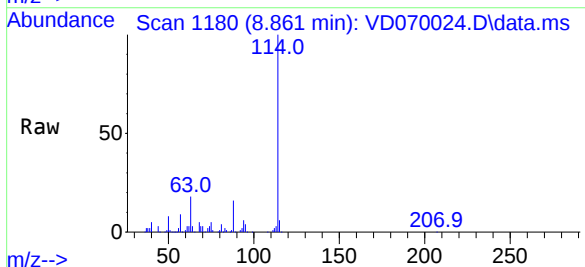
Instrument :
MSVOA_D
ClientSampleId :
124019RE

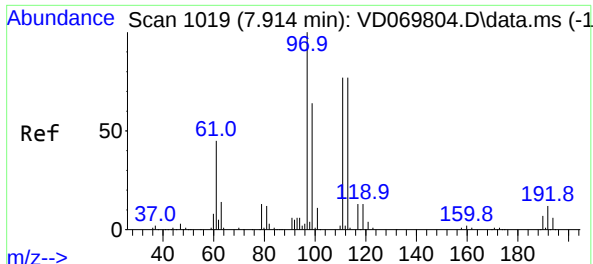
Tgt Ion: 65 Resp: 93906
Ion Ratio Lower Upper
65 100
67 55.9 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070024.D
Acq: 11 Aug 2021 15:35

Tgt Ion: 114 Resp: 189927
Ion Ratio Lower Upper
114 100
63 18.3 0.0 41.6
88 15.6 0.0 31.4

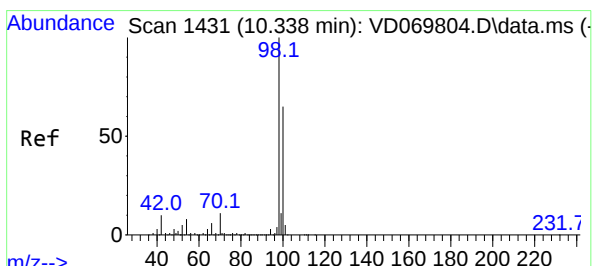
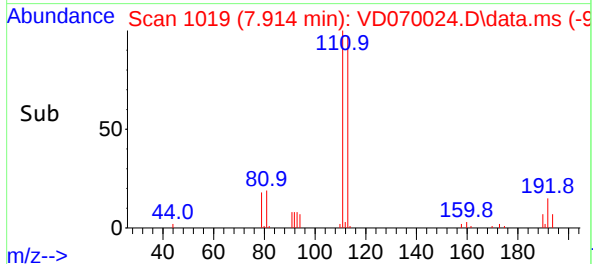
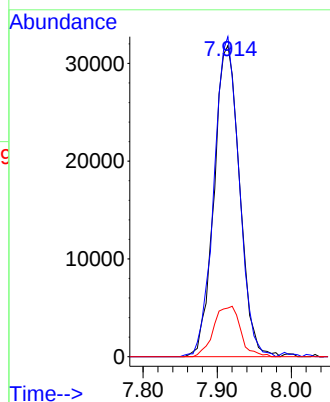
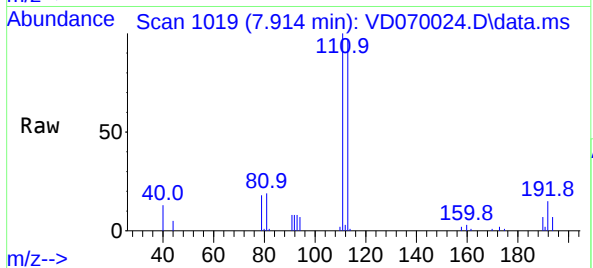




#35
Dibromofluoromethane
Concen: 63.508 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070024.D
Acq: 11 Aug 2021 15:35

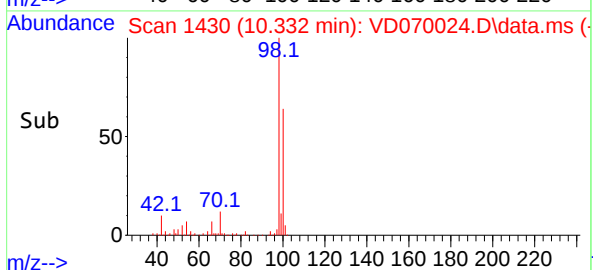
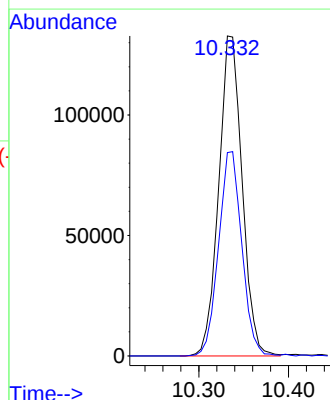
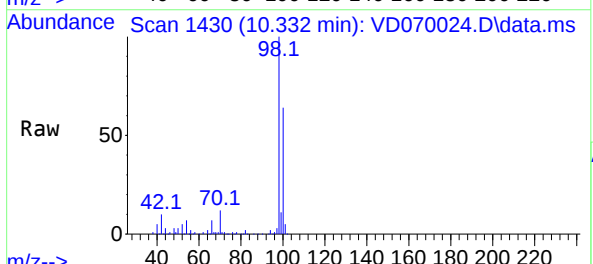
Instrument :
MSVOA_D
ClientSampleId :
124019RE

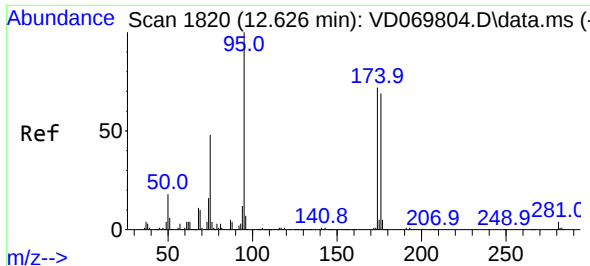
Tgt Ion:113 Resp: 76038
Ion Ratio Lower Upper
113 100
111 101.5 80.5 120.7
192 17.0 12.6 19.0



#50
Toluene-d8
Concen: 52.108 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070024.D
Acq: 11 Aug 2021 15:35

Tgt Ion: 98 Resp: 240568
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9

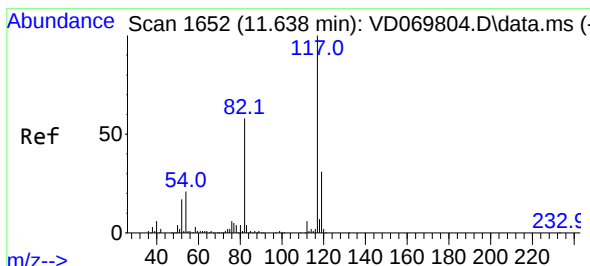
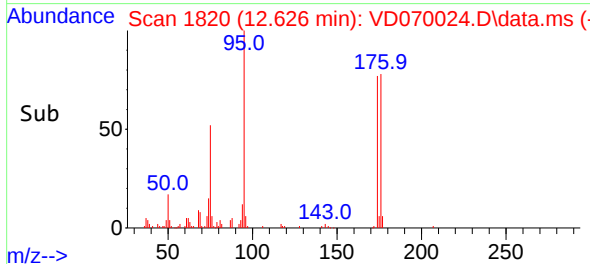
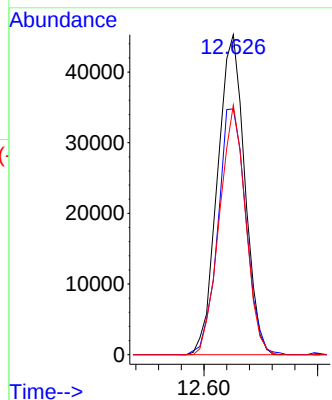
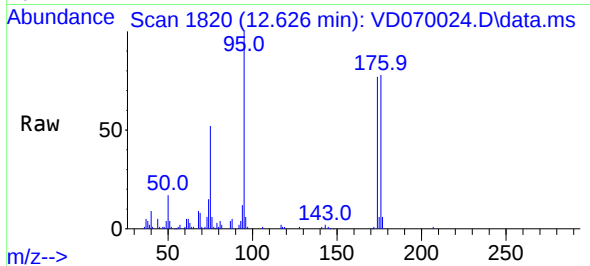




#62
4-Bromofluorobenzene
Concen: 48.733 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070024.D
Acq: 11 Aug 2021 15:35

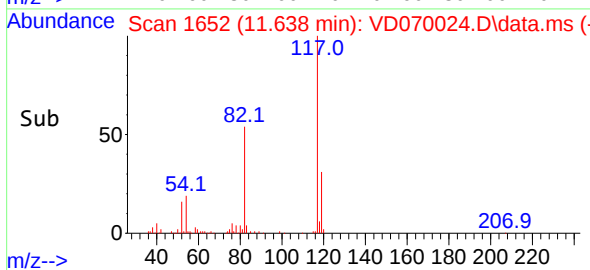
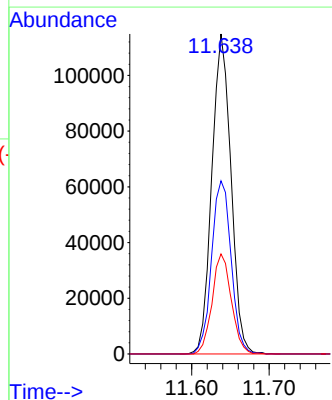
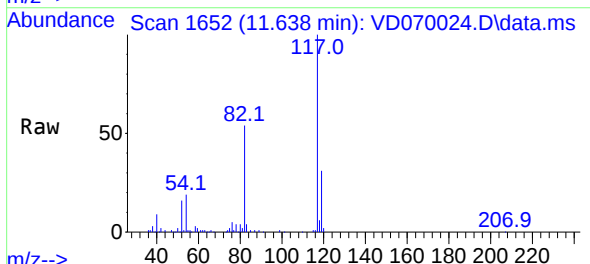
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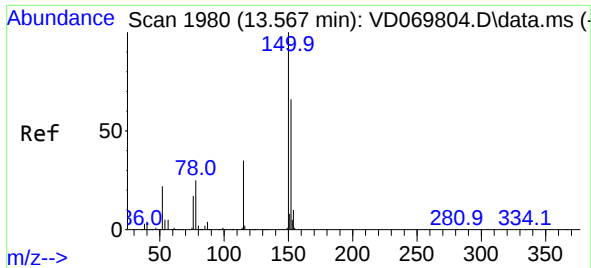
Tgt Ion:	95	Resp:	75191
Ion	Ratio	Lower	Upper
95	100		
174	79.1	0.0	142.6
176	74.8	0.0	134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070024.D
Acq: 11 Aug 2021 15:35

Tgt Ion:	117	Resp:	196680
Ion	Ratio	Lower	Upper
117	100		
82	54.1	46.3	69.5
119	31.3	24.7	37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070024.D
 Acq: 11 Aug 2021 15:35

Instrument :
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	31.1	93.3
150	160.8	0.0	343.0

