

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
 Data File : VD070843.D
 Acq On : 26 Oct 2021 16:35
 Operator : VA/SY
 Sample : M4343-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 METRO-SP

Quant Time: Oct 27 06:22:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	5130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	8786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	8469	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	2737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	4320	83.729	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 167.460%#	
35) Dibromofluoromethane	7.908	113	3359	57.983	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.960%	
50) Toluene-d8	10.332	98	9574	43.929	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 87.860%	
62) 4-Bromofluorobenzene	12.620	95	2883	40.092	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.180%	

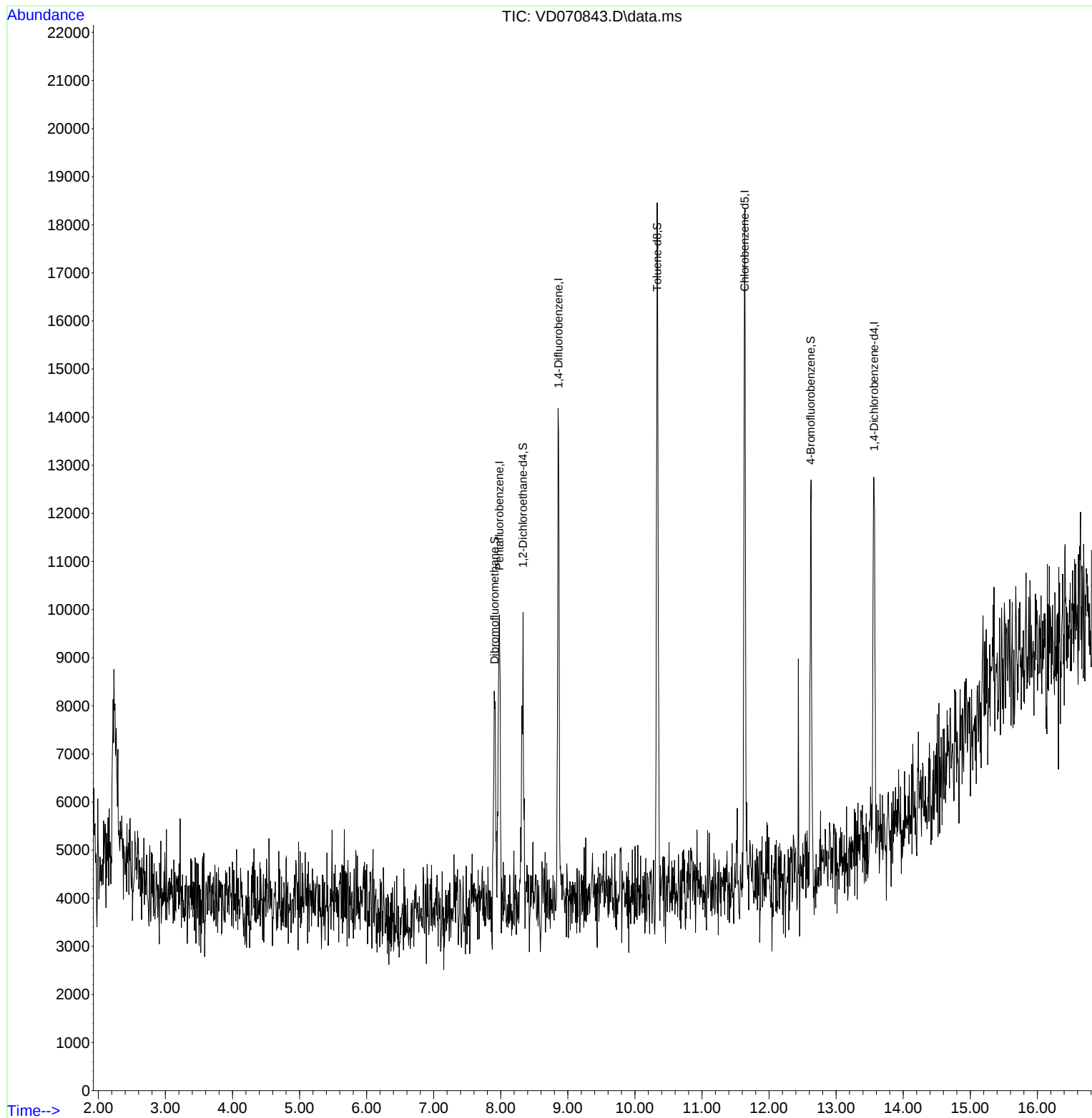
Target Compounds	Qvalue

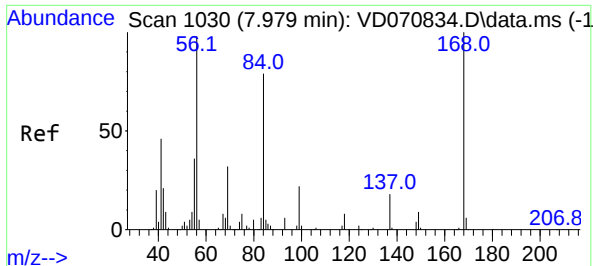
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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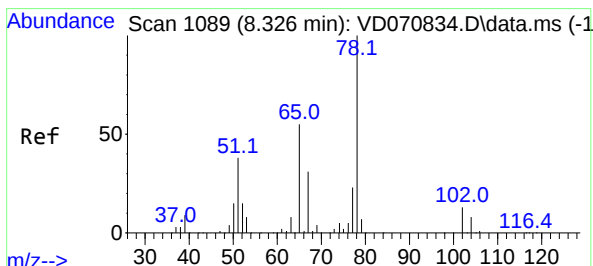
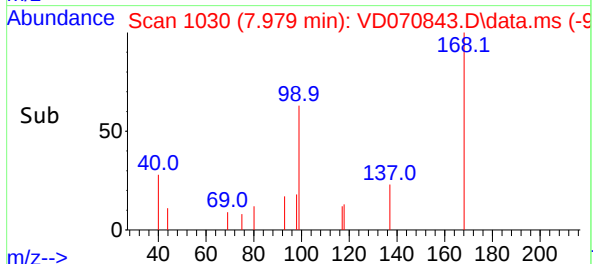
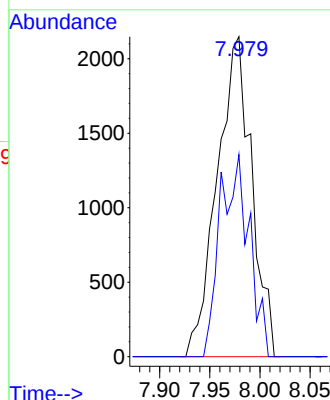
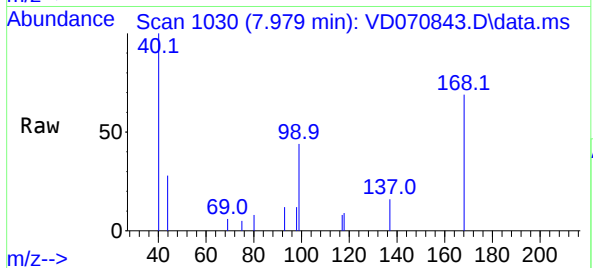




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070843.D
Acq: 26 Oct 2021 16:35

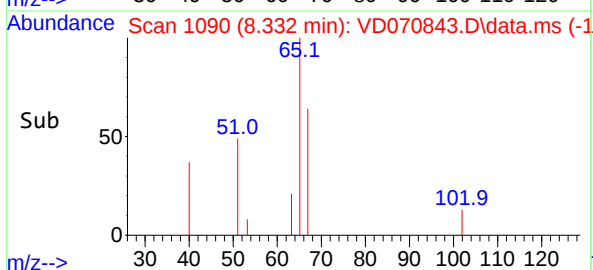
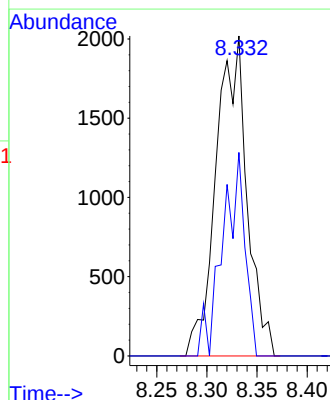
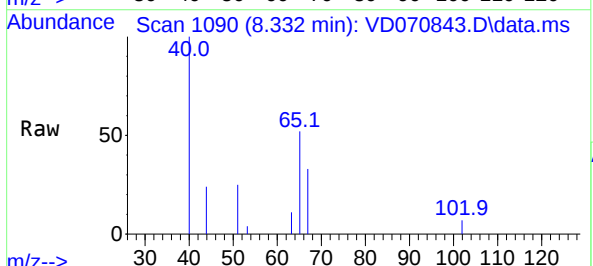
Instrument :
MSVOA_D
ClientSampleId :
METRO-SP

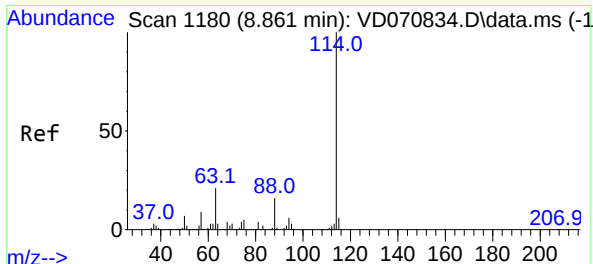
Tgt Ion:168 Resp: 5130
Ion Ratio Lower Upper
168 100
99 63.2 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 83.729 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070843.D
Acq: 26 Oct 2021 16:35

Tgt Ion: 65 Resp: 4320
Ion Ratio Lower Upper
65 100
67 46.0 0.0 112.2

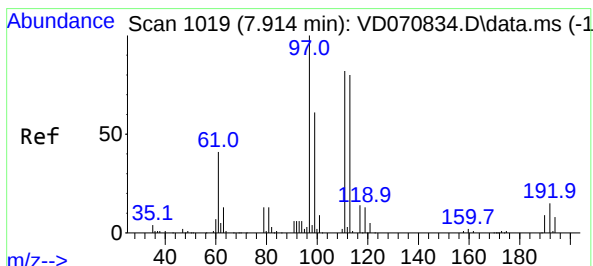
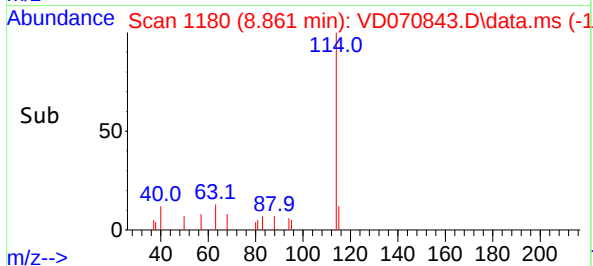
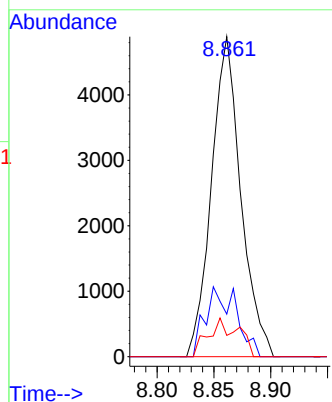
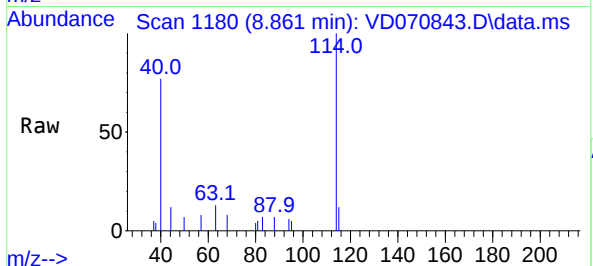




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070843.D
Acq: 26 Oct 2021 16:35

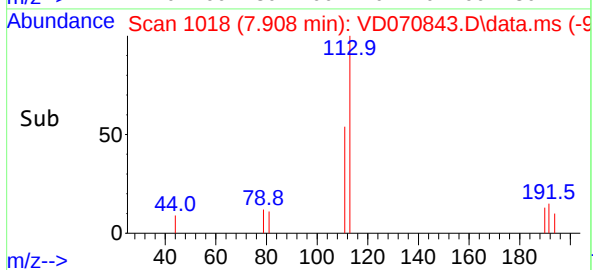
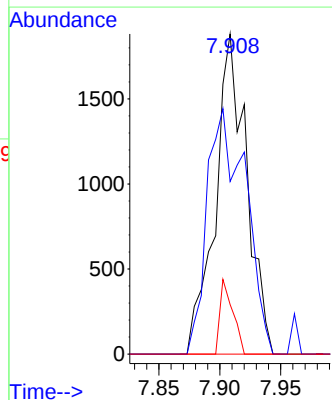
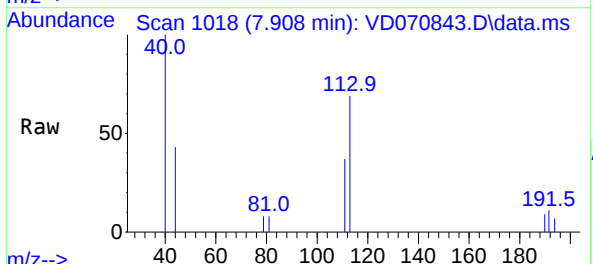
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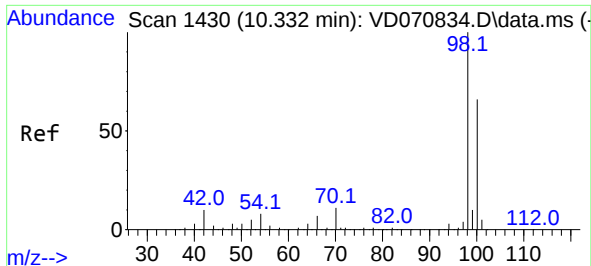
Tgt Ion:	114	Resp:	8786
Ion Ratio	Lower	Upper	
114	100		
63	13.3	0.0	41.8
88	6.6	0.0	32.8



#35
Dibromofluoromethane
Concen: 57.983 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070843.D
Acq: 26 Oct 2021 16:35

Tgt Ion:	113	Resp:	3359
Ion Ratio	Lower	Upper	
113	100		
111	94.6	82.0	123.0
192	9.6	15.2	22.8

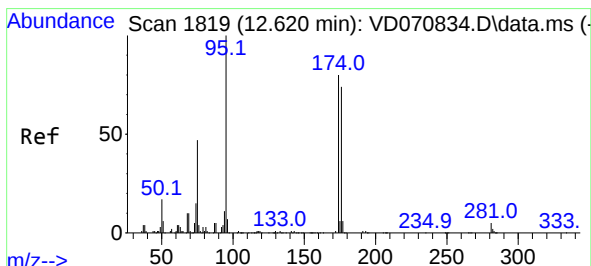
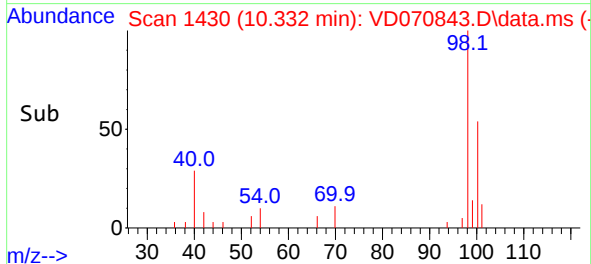
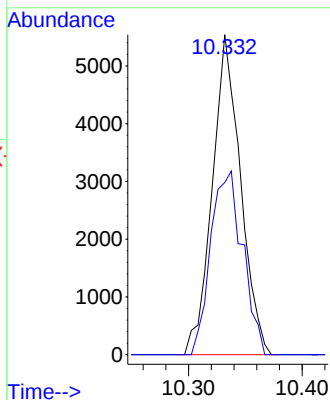
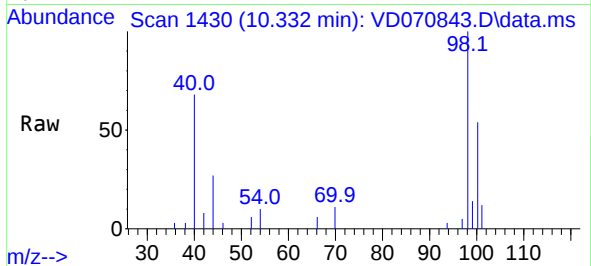




#50
Toluene-d8
Concen: 43.929 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070843.D
Acq: 26 Oct 2021 16:35

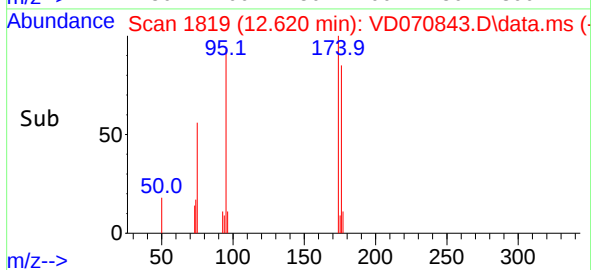
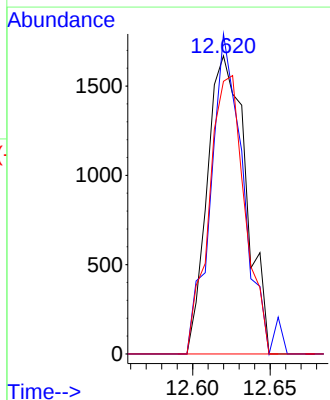
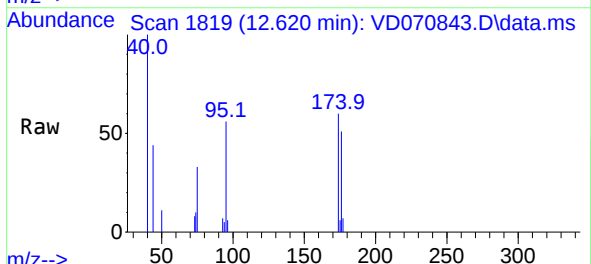
Instrument :
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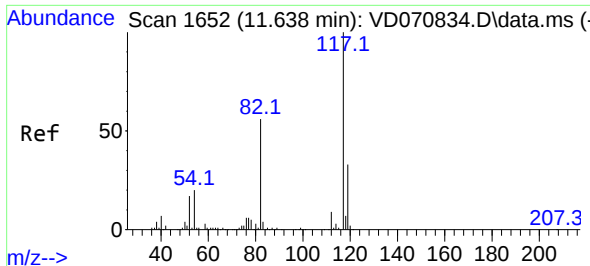
Tgt Ion: 98 Resp: 9574
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 40.092 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070843.D
Acq: 26 Oct 2021 16:35

Tgt Ion: 95 Resp: 2883
Ion Ratio Lower Upper
95 100
174 91.2 0.0 159.4
176 86.7 0.0 154.0

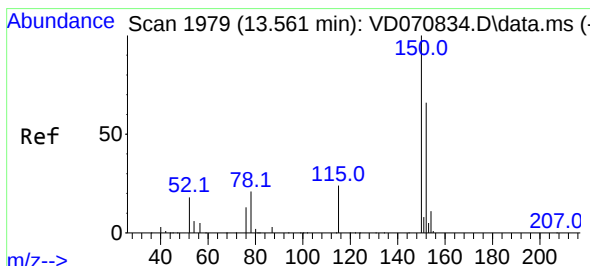
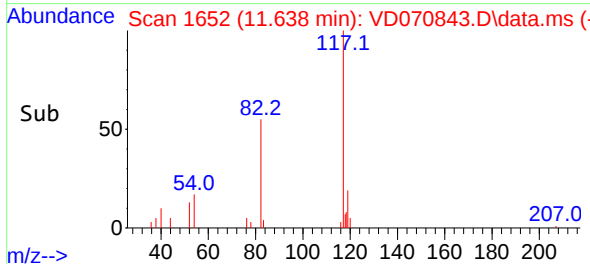
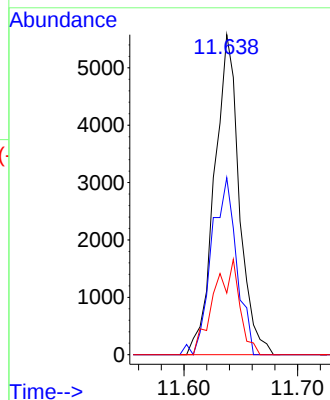
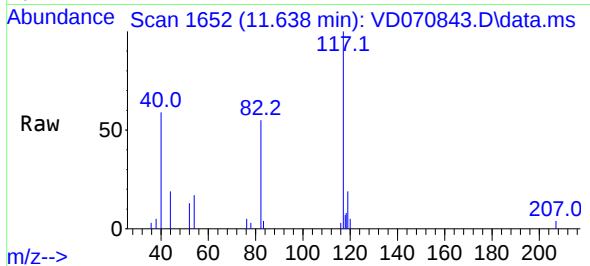




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD070843.D
Acq: 26 Oct 2021 16:35

Instrument :
MSVOA_D
ClientSampleId :
METRO-SP

Tgt Ion:	117	Resp:	8469
Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.7	67.1
119	19.2	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070843.D
Acq: 26 Oct 2021 16:35

Tgt Ion:	152	Resp:	2737
Ion	Ratio	Lower	Upper
152	100		
115	62.4	29.8	89.3
150	176.8	0.0	349.2

