

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
 Data File : VD071568.D
 Acq On : 03 Jan 2022 16:17
 Operator : VA/SY
 Sample : M5196-11
 Misc : 6.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-4-(3-4)

Quant Time: Jan 04 00:49:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	34651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	60936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	69618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	35095	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	28991	62.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.000%
35) Dibromofluoromethane	7.914	113	18733	45.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.480%
50) Toluene-d8	10.338	98	82700	53.436	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.880%
62) 4-Bromofluorobenzene	12.620	95	37949	69.004	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	138.000%

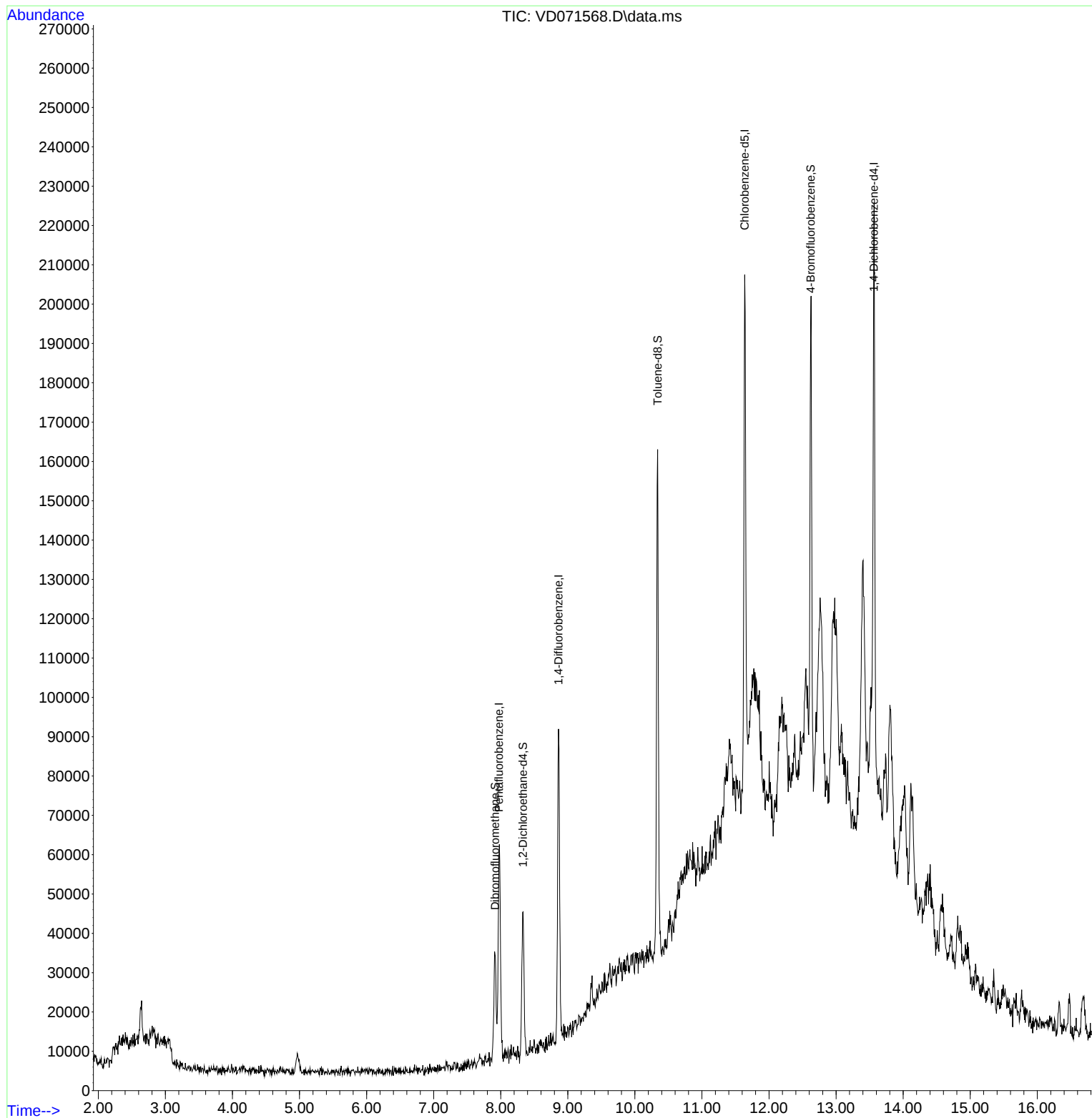
Target Compounds	Qvalue

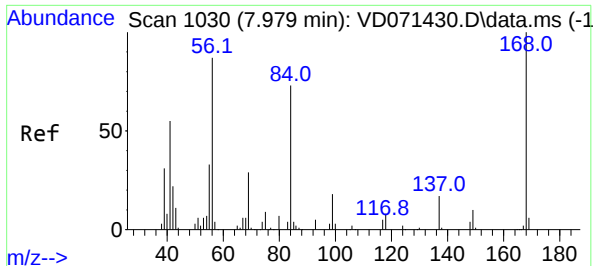
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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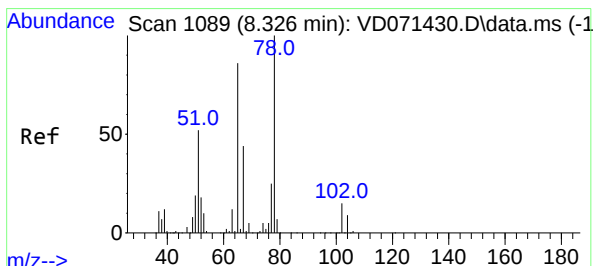
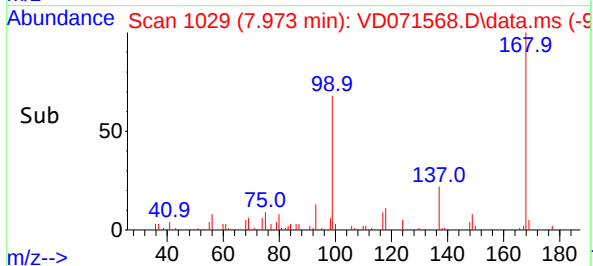
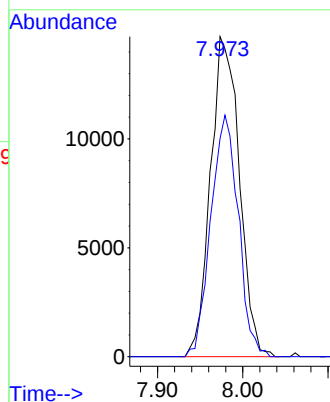
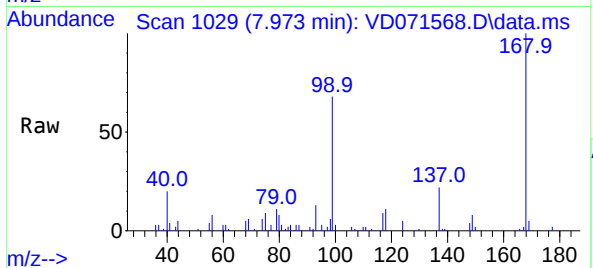




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD071568.D
Acq: 03 Jan 2022 16:17

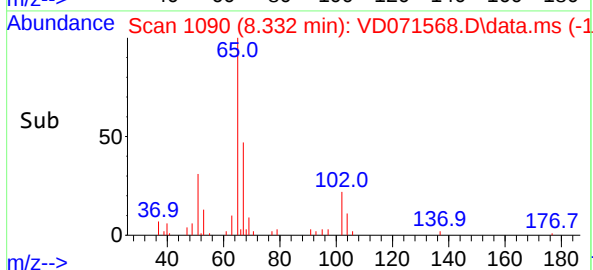
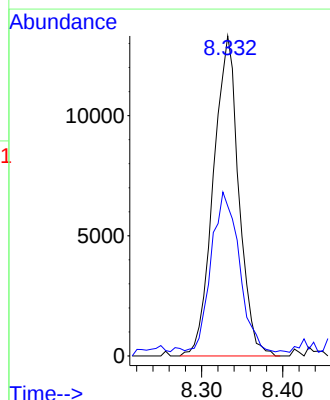
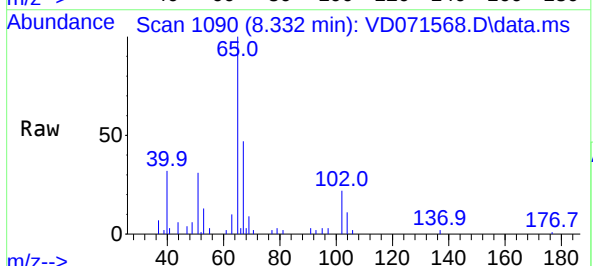
Instrument :
MSVOA_D
ClientSampleId :
B-4-(3-4)

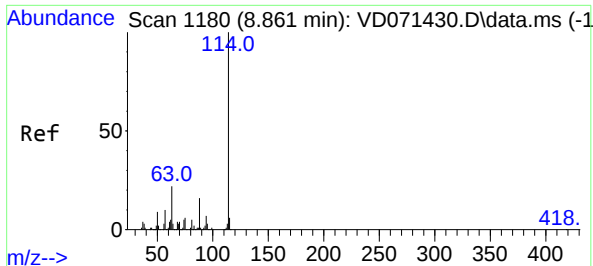
Tgt Ion:168 Resp: 34651
Ion Ratio Lower Upper
168 100
99 68.2 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 62.997 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071568.D
Acq: 03 Jan 2022 16:17

Tgt Ion: 65 Resp: 28991
Ion Ratio Lower Upper
65 100
67 56.8 0.0 112.2

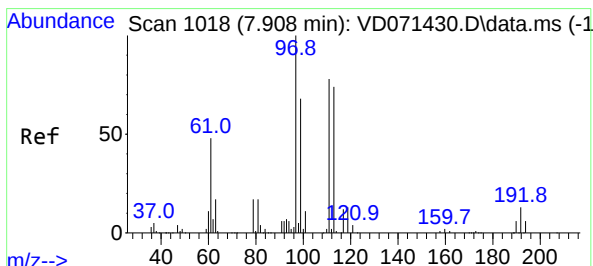
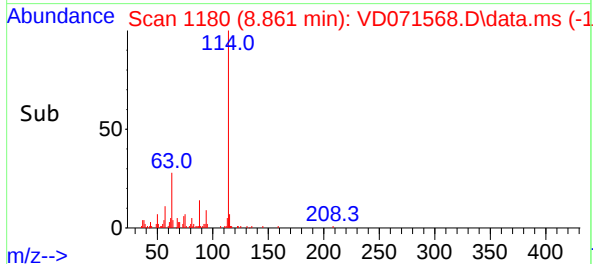
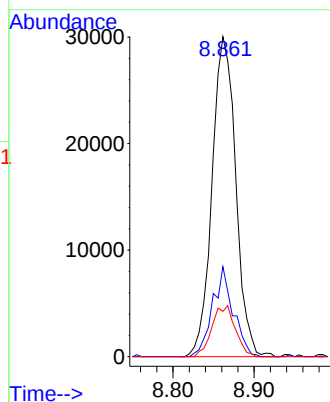
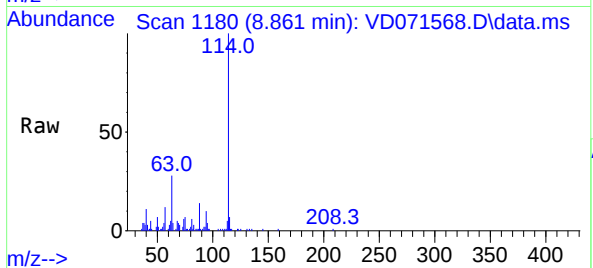




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071568.D
Acq: 03 Jan 2022 16:17

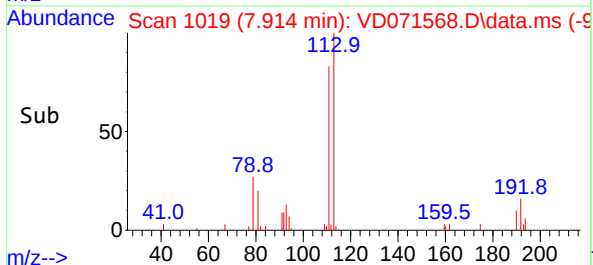
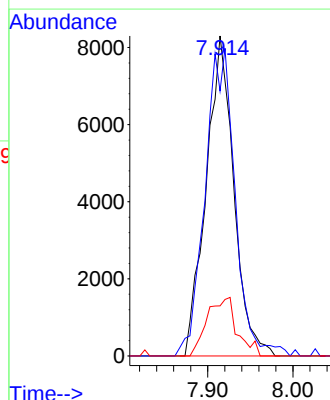
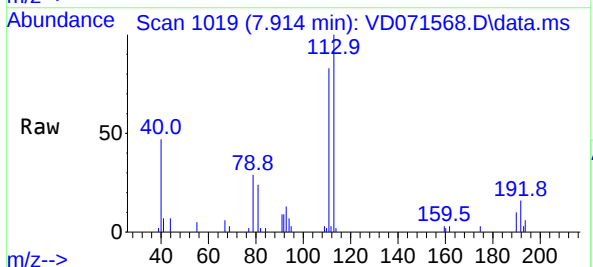
Instrument :
MSVOA_D
ClientSampleId :
B-4-(3-4)

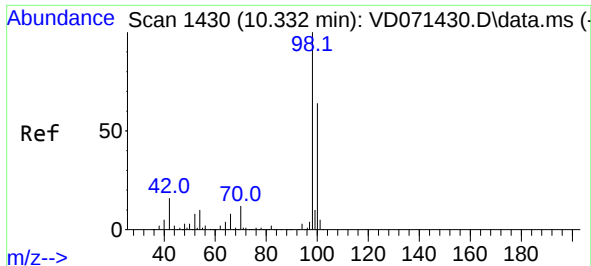
Tgt Ion:	114	Resp:	60936
Ion Ratio	Lower	Upper	
114	100		
63	28.1	0.0	41.8
88	14.2	0.0	32.8



#35
Dibromofluoromethane
Concen: 45.742 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD071568.D
Acq: 03 Jan 2022 16:17

Tgt Ion:	113	Resp:	18733
Ion Ratio	Lower	Upper	
113	100		
111	104.7	82.0	123.0
192	19.7	15.2	22.8

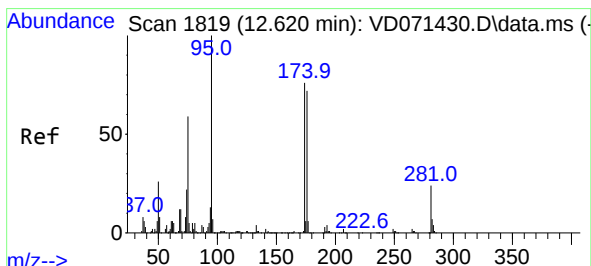
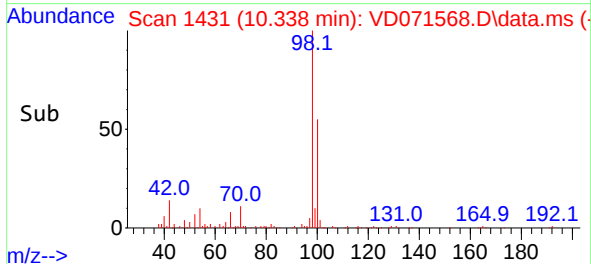
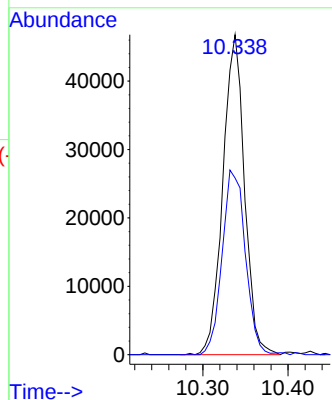
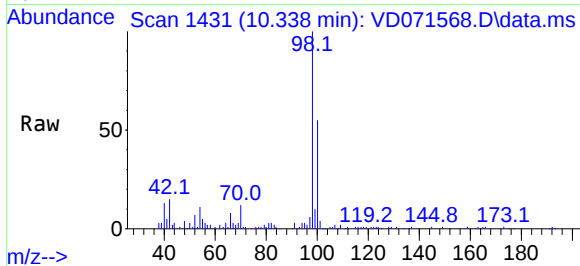




#50
Toluene-d8
Concen: 53.436 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071568.D
Acq: 03 Jan 2022 16:17

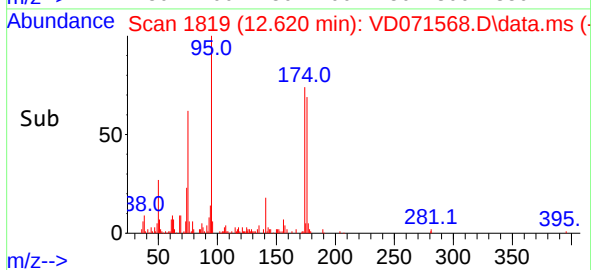
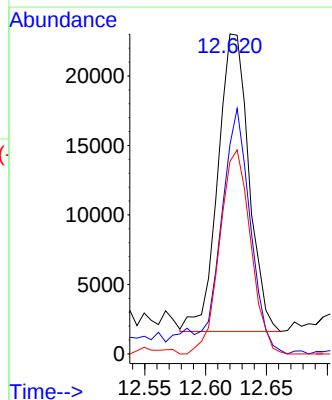
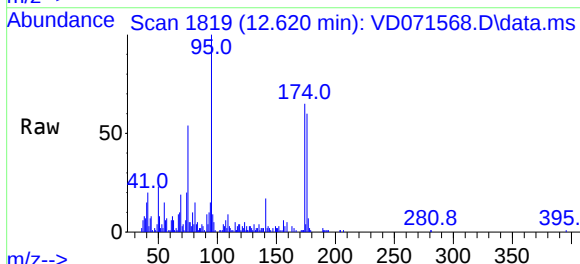
Instrument :
MSVOA_D
ClientSampleId :
B-4-(3-4)

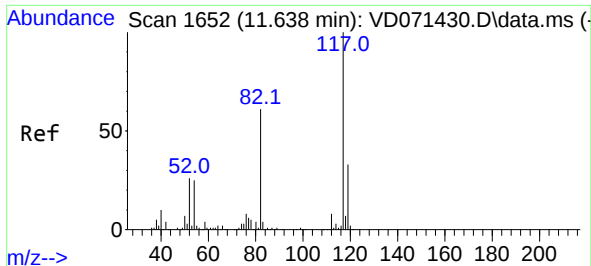
Tgt Ion: 98 Resp: 82700
Ion Ratio Lower Upper
98 100
100 61.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 69.004 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071568.D
Acq: 03 Jan 2022 16:17

Tgt Ion: 95 Resp: 37949
Ion Ratio Lower Upper
95 100
174 82.7 0.0 159.4
176 68.0 0.0 154.0

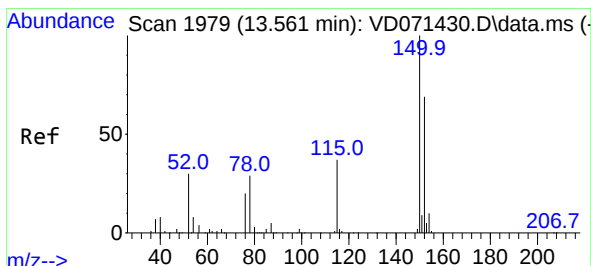
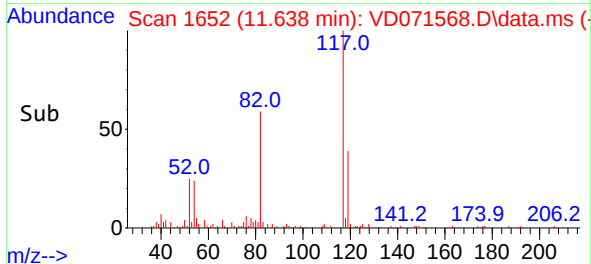
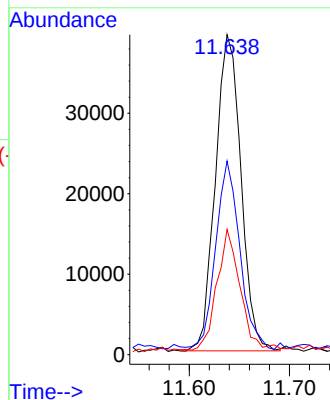
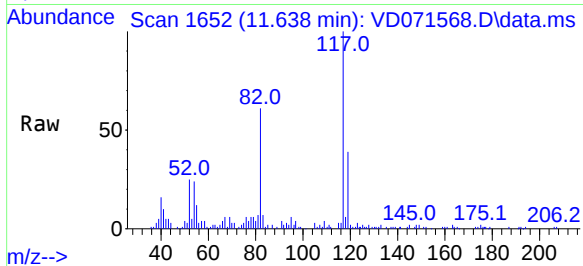




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071568.D
Acq: 03 Jan 2022 16:17

Instrument :
MSVOA_D
ClientSampleId :
B-4-(3-4)

Tgt Ion:117	Resp:	69618
Ion Ratio	Lower	Upper
117	100	
82	58.8	44.7 67.1
119	38.1	26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071568.D
Acq: 03 Jan 2022 16:17

Tgt Ion:152	Resp:	35095
Ion Ratio	Lower	Upper
152	100	
115	76.7	29.8 89.3
150	160.4	0.0 349.2

