

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
 Data File : VD071575.D
 Acq On : 03 Jan 2022 19:31
 Operator : VA/SY
 Sample : M5196-18
 Misc : 6.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-17-(1-2)

Quant Time: Jan 04 00:51:09 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	7.979	168	413616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	710897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	652630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	288751	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	223237	40.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.280%
35) Dibromofluoromethane	7.914	113	211386	44.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.480%
50) Toluene-d8	10.338	98	898225	49.748	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.500%
62) 4-Bromofluorobenzene	12.626	95	292377	45.570	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.140%

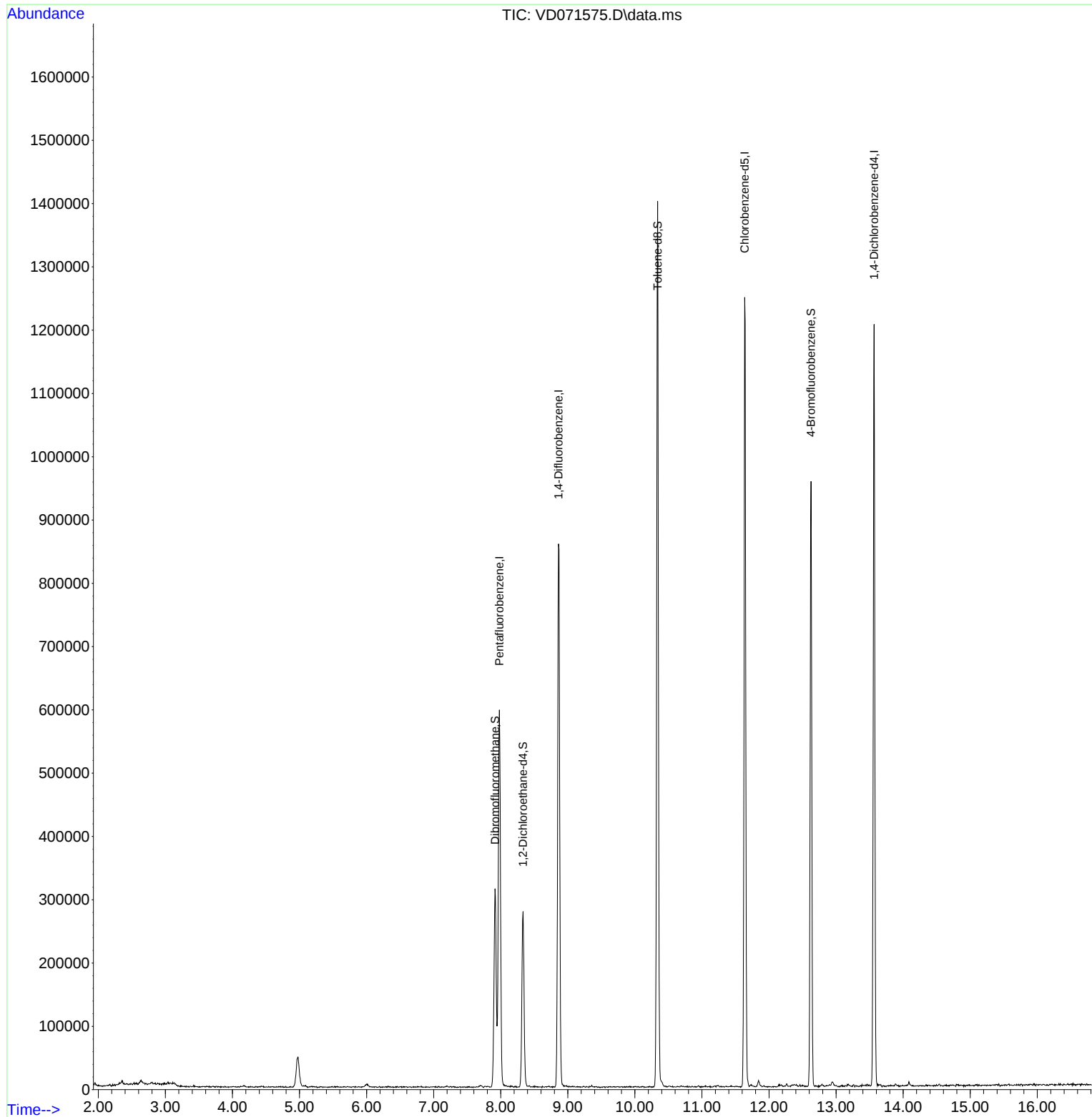
Target Compounds	Qvalue

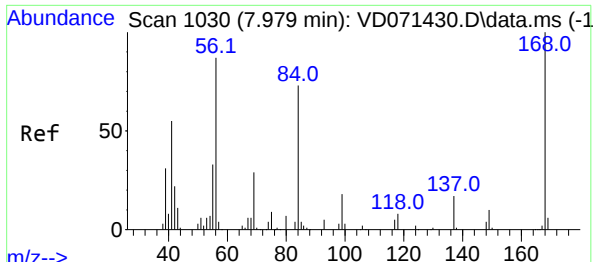
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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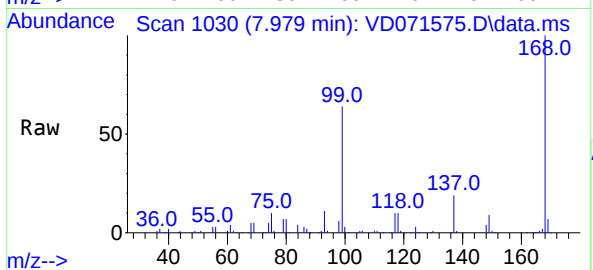
Quant Time: Jan 04 00:51:09 2022
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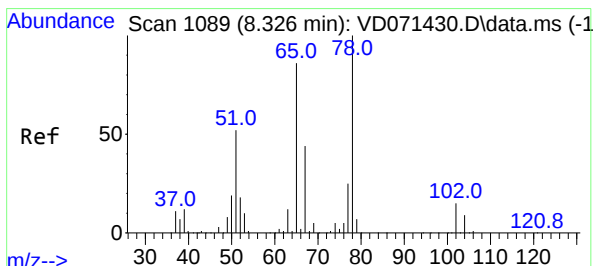
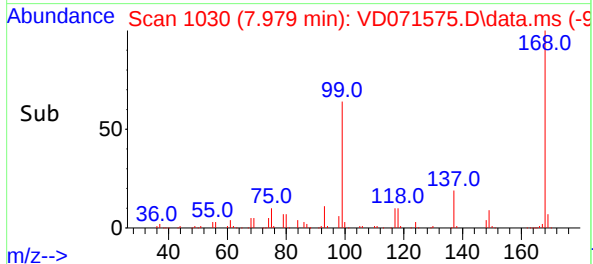
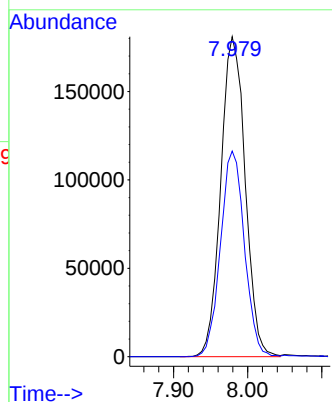


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071575.D
Acq: 03 Jan 2022 19:31

Instrument :
MSVOA_D
ClientSampleId :
B-17-(1-2)

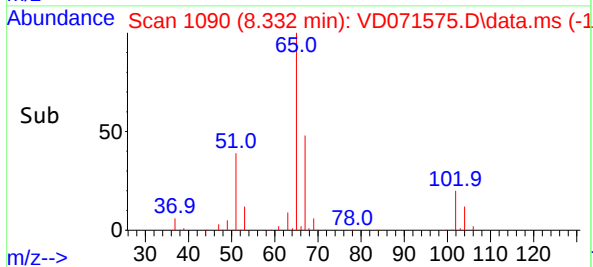
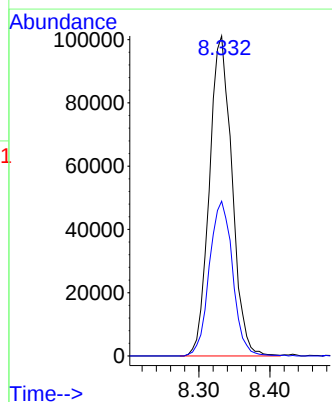
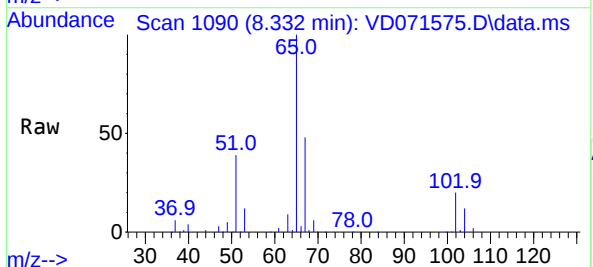


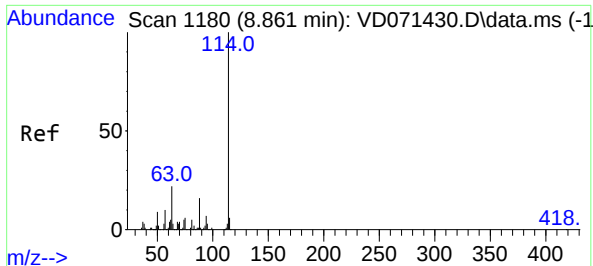
Tgt Ion:168 Resp: 413616
Ion Ratio Lower Upper
168 100
99 64.3 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 40.639 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071575.D
Acq: 03 Jan 2022 19:31

Tgt Ion: 65 Resp: 223237
Ion Ratio Lower Upper
65 100
67 49.9 0.0 112.2



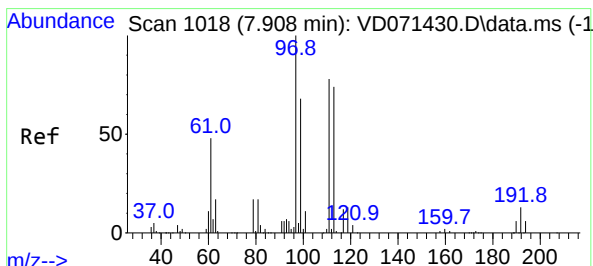
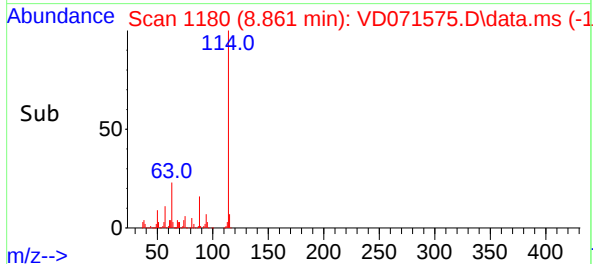
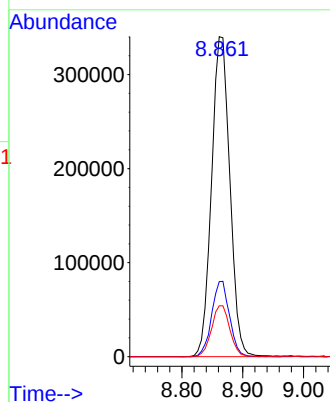
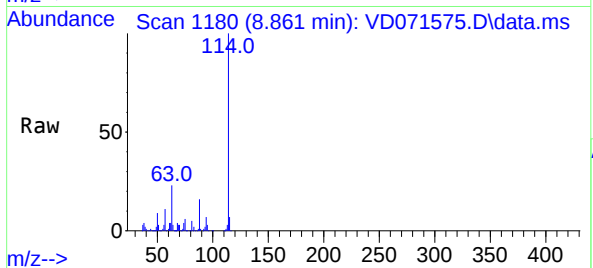


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071575.D
Acq: 03 Jan 2022 19:31

Instrument :
MSVOA_D
ClientSampleId :
B-17-(1-2)

Tgt Ion:114 Resp: 710897

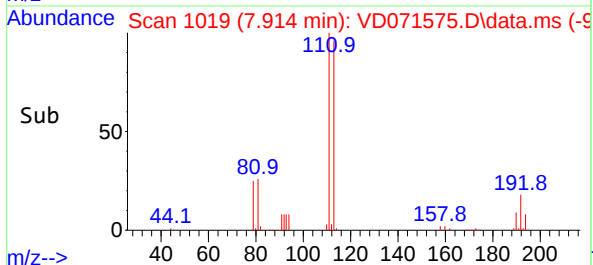
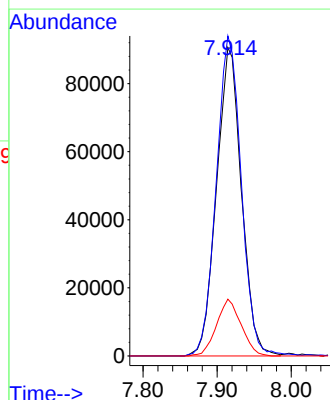
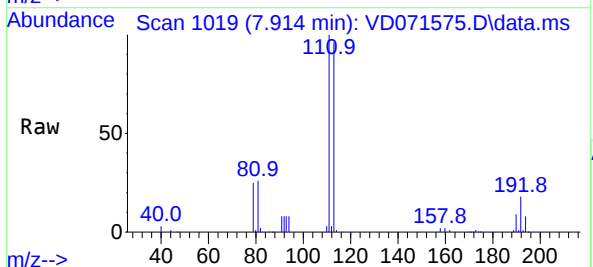
Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	41.8
88	15.9	0.0	32.8

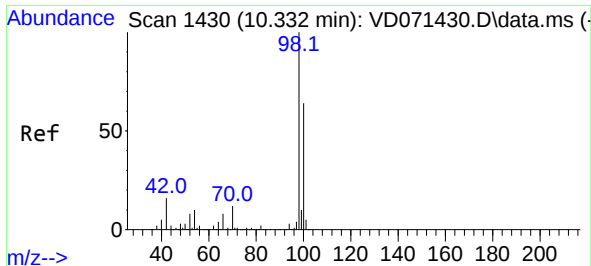


#35
Dibromofluoromethane
Concen: 44.244 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD071575.D
Acq: 03 Jan 2022 19:31

Tgt Ion:113 Resp: 211386

Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.0	123.0
192	18.2	15.2	22.8

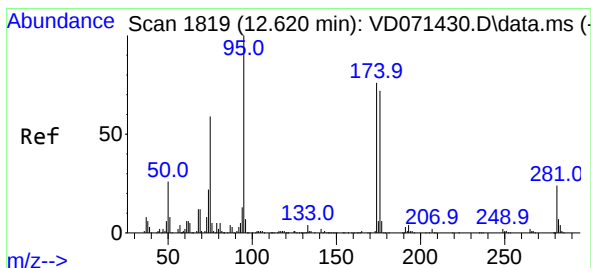
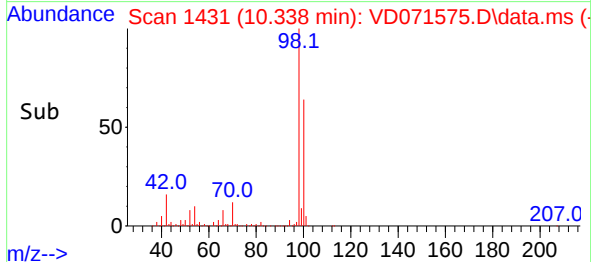
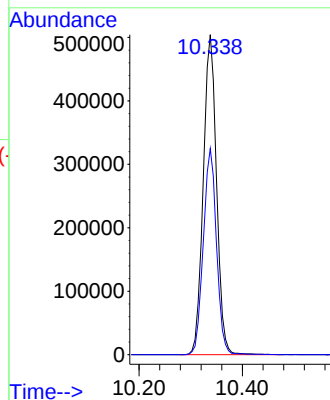
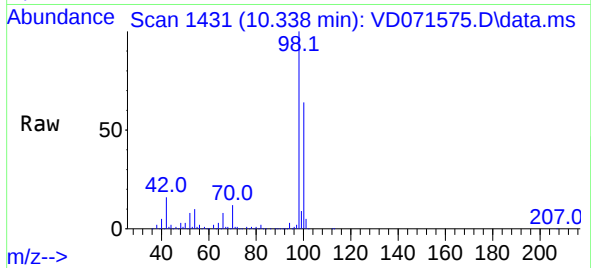




#50
Toluene-d8
Concen: 49.748 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071575.D
Acq: 03 Jan 2022 19:31

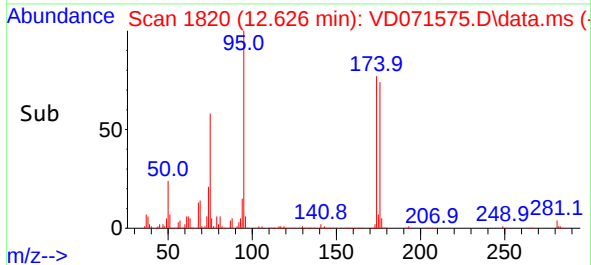
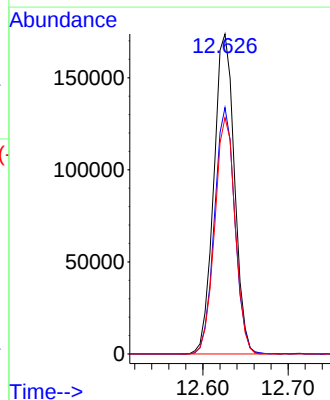
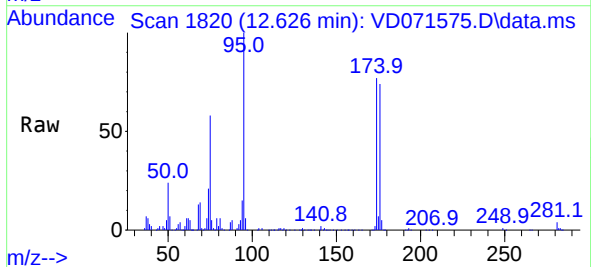
Instrument :
MSVOA_D
ClientSampleId :
B-17-(1-2)

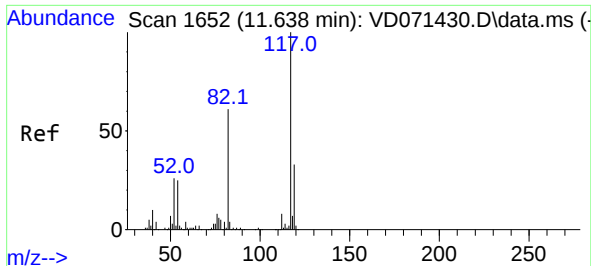
Tgt Ion: 98 Resp: 898225
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.570 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071575.D
Acq: 03 Jan 2022 19:31

Tgt Ion: 95 Resp: 292377
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.4
176 73.0 0.0 154.0

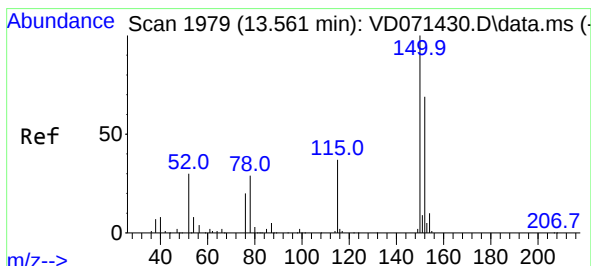
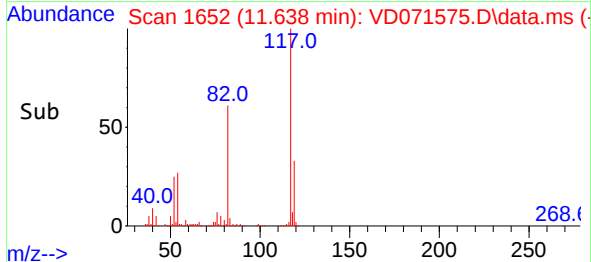
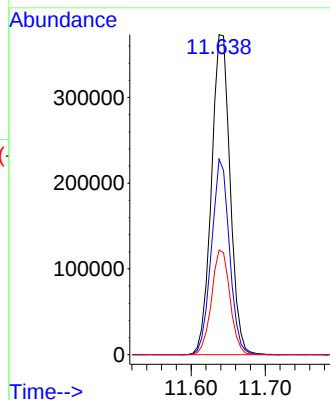
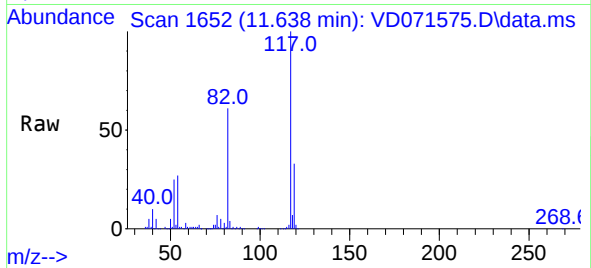




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071575.D
Acq: 03 Jan 2022 19:31

Instrument :
MSVOA_D
ClientSampleId :
B-17-(1-2)

Tgt Ion:117 Resp: 652630
Ion Ratio Lower Upper
117 100
82 61.1 44.7 67.1
119 32.7 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: VD071575.D
Acq: 03 Jan 2022 19:31

Tgt Ion:152 Resp: 288751
Ion Ratio Lower Upper
152 100
115 60.7 29.8 89.3
150 157.3 0.0 349.2

