

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100421\
 Data File : VD070551.D
 Acq On : 04 Oct 2021 15:16
 Operator : VA/SY
 Sample : M4042-03
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-100121

Quant Time: Oct 05 05:00:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	6571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	11084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	9687	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	2948	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	5052	59.88	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.76%
35) Dibromofluoromethane	7.909	113	3844	48.72	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.44%
50) Toluene-d8	10.332	98	12435	43.41	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.82%
62) 4-Bromofluorobenzene	12.620	95	3570	35.66	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.32%

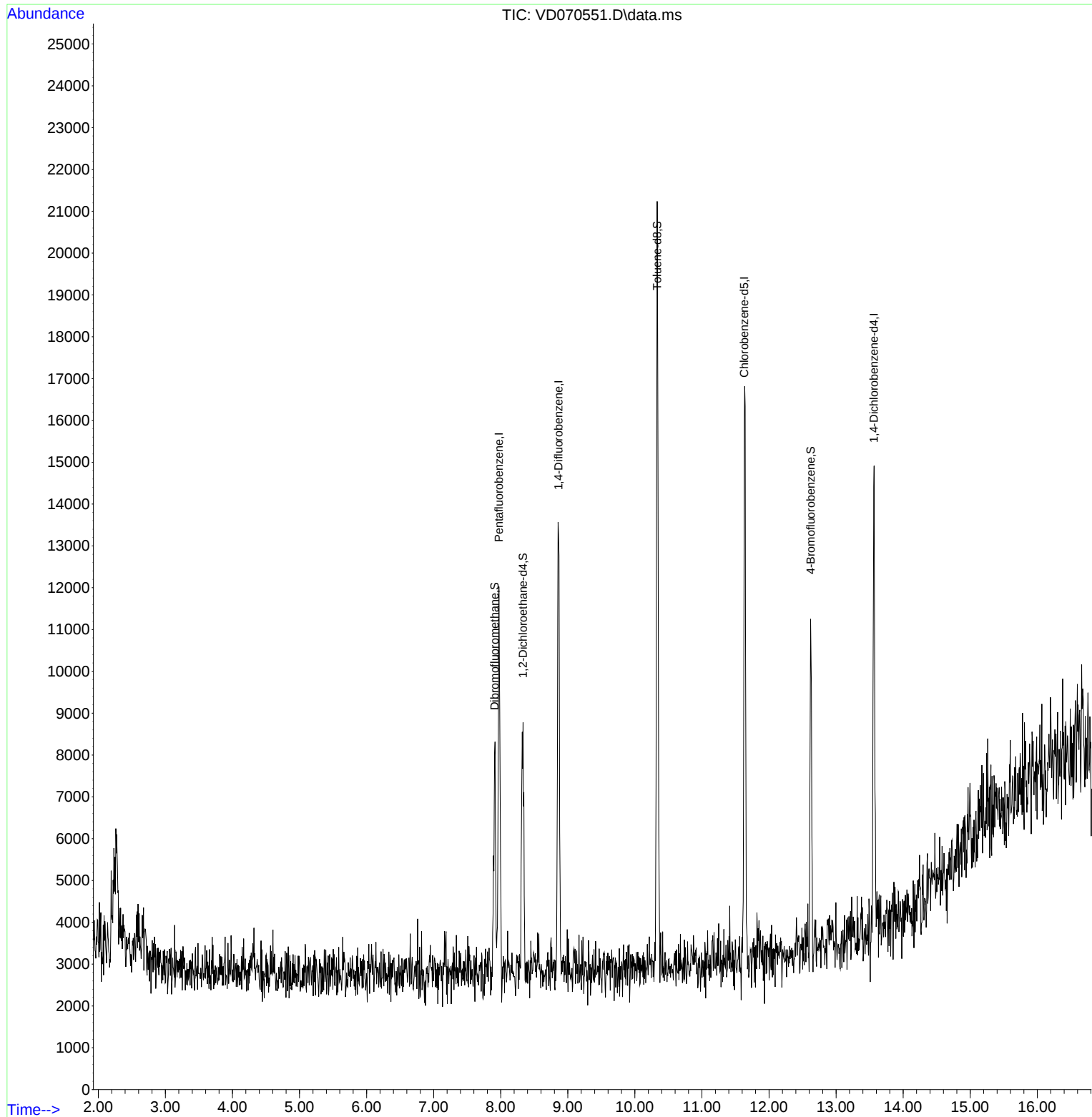
Target Compounds	Qvalue

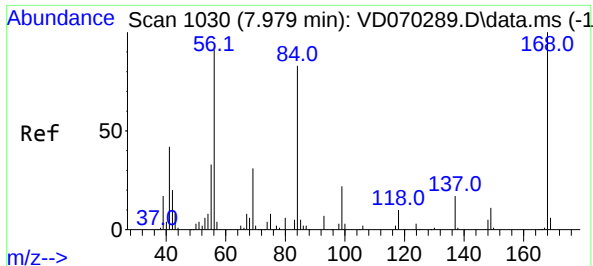
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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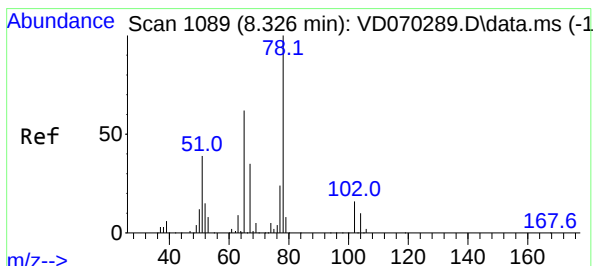
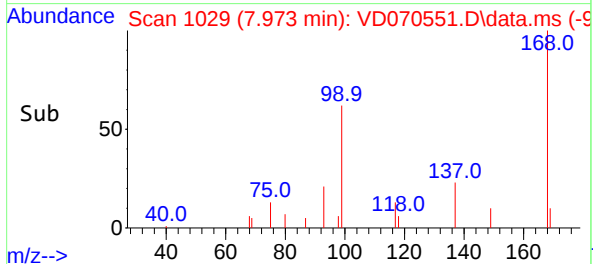
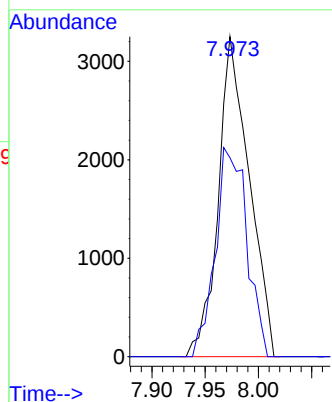
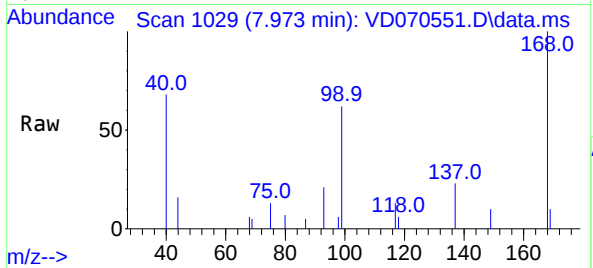




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

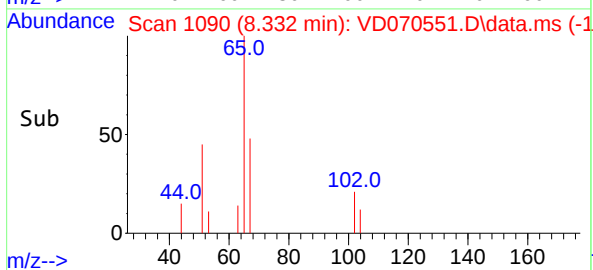
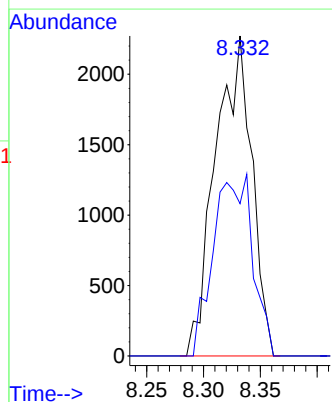
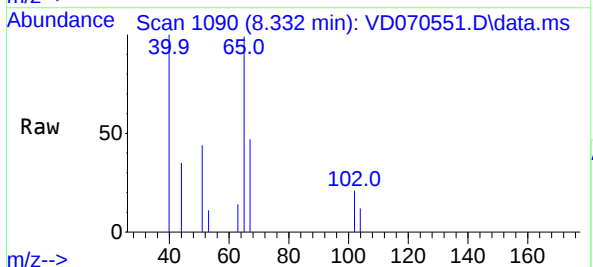
Instrument :
MSVOA_D
ClientSampleId :
EO-02-100121

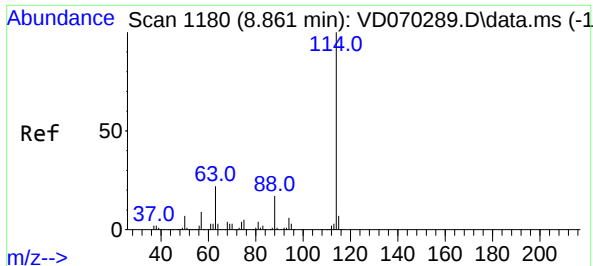
Tgt Ion:168 Resp: 6571
Ion Ratio Lower Upper
168 100
99 62.2 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 59.88 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

Tgt Ion: 65 Resp: 5052
Ion Ratio Lower Upper
65 100
67 61.0 0.0 111.4



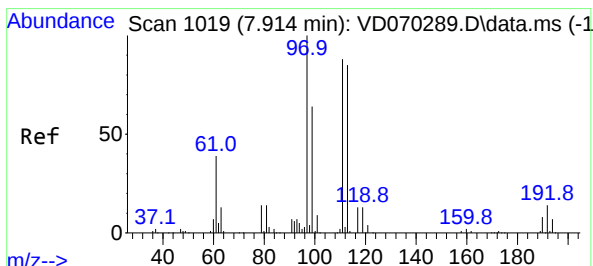
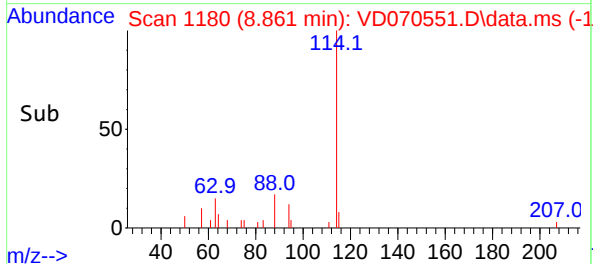
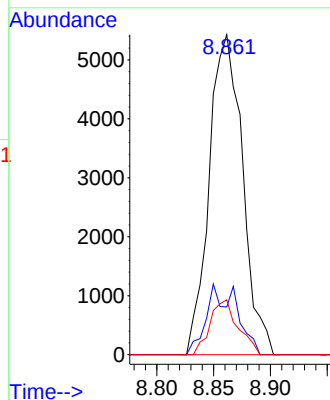
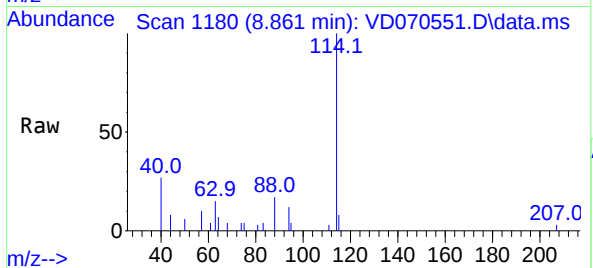


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

Instrument :
MSVOA_D
ClientSampleId :
EO-02-100121

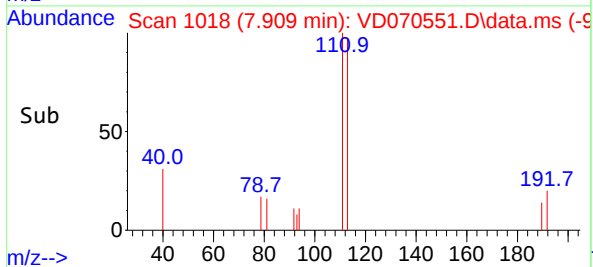
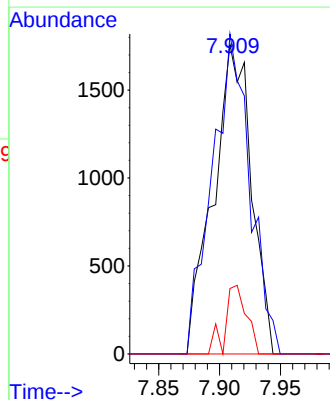
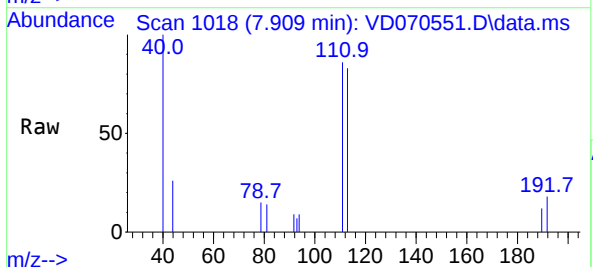
Tgt Ion:	114	Resp:	11084
Ion Ratio	Lower	Upper	
114	100		
63	14.9	0.0	43.4
88	17.1	0.0	33.4

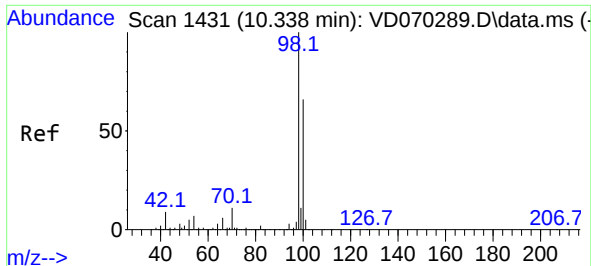


#35

Dibromofluoromethane
Concen: 48.72 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

Tgt Ion:	113	Resp:	3844
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.4	122.2
192	12.4	13.0	19.6#

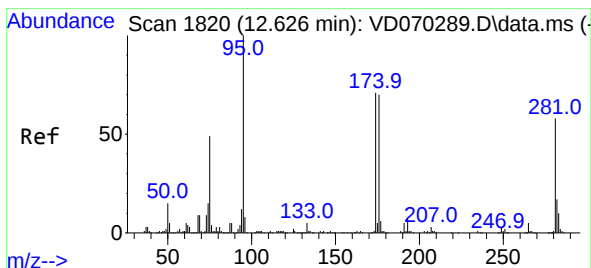
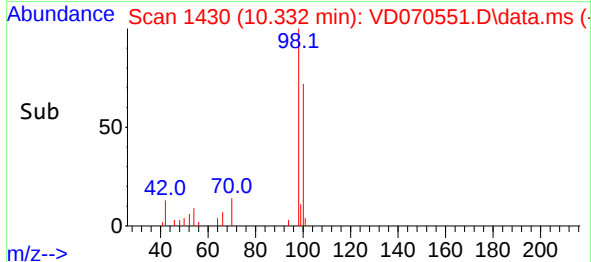
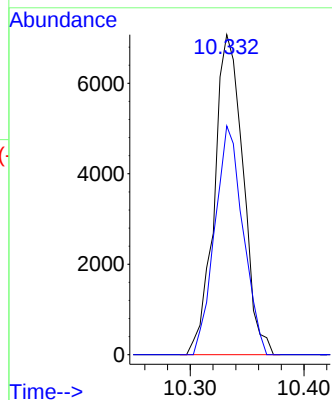
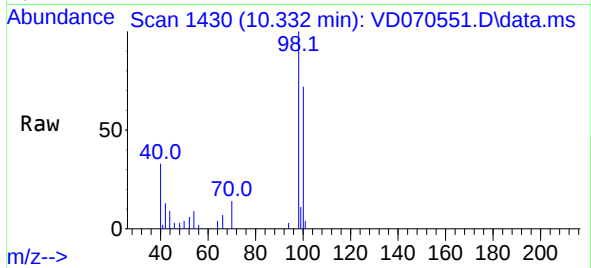




#50
Toluene-d8
Concen: 43.41 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

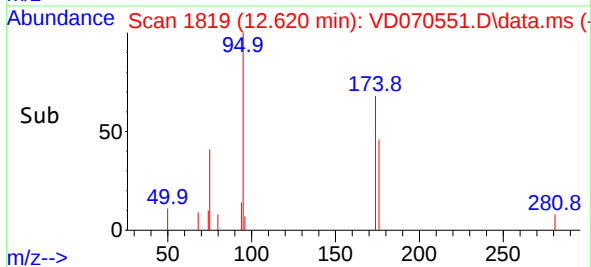
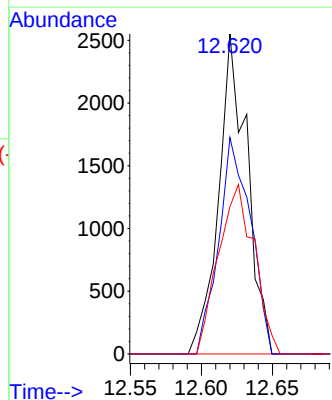
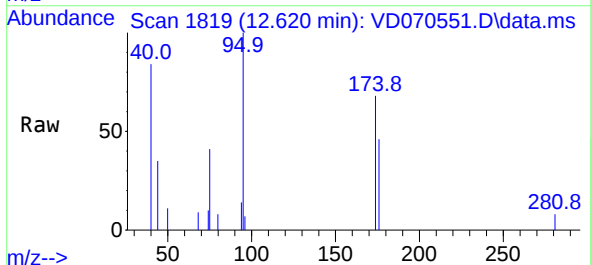
Instrument :
MSVOA_D
ClientSampleId :
EO-02-100121

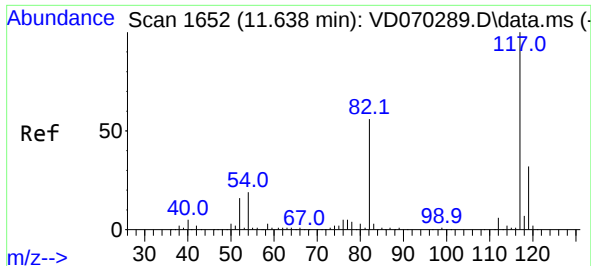
Tgt Ion: 98 Resp: 12435
Ion Ratio Lower Upper
98 100
100 70.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.66 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

Tgt Ion: 95 Resp: 3570
Ion Ratio Lower Upper
95 100
174 75.4 0.0 140.6
176 66.2 0.0 137.4

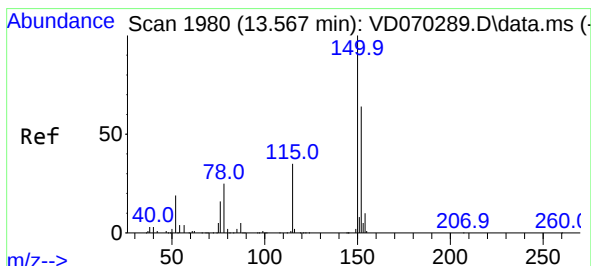
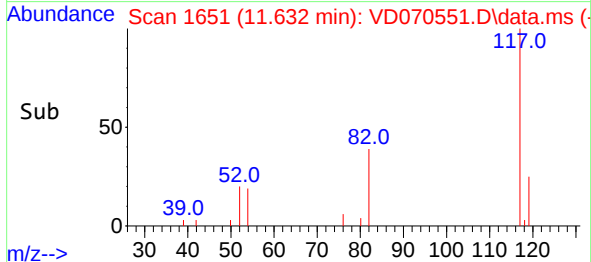
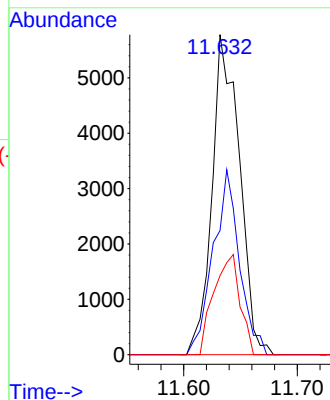
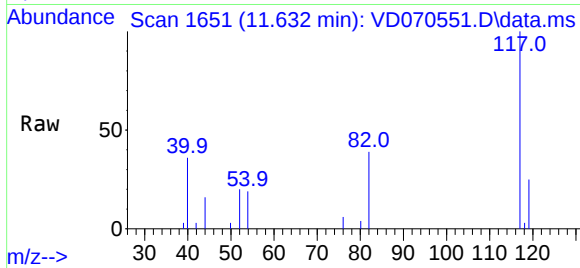




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

Instrument :
MSVOA_D
ClientSampleId :
EO-02-100121

Tgt Ion:117 Resp: 9687
Ion Ratio Lower Upper
117 100
82 38.8 45.0 67.4#
119 24.7 25.2 37.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070551.D
Acq: 04 Oct 2021 15:16

Tgt Ion:152 Resp: 2948
Ion Ratio Lower Upper
152 100
115 70.0 32.1 96.3
150 170.6 0.0 350.6

