

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100421\
 Data File : VD070550.D
 Acq On : 04 Oct 2021 14:47
 Operator : VA/SY
 Sample : M4042-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-100121

Quant Time: Oct 05 05:00:22 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	18786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	34684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	33722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	13462	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	20815	86.29	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	172.58%#
35) Dibromofluoromethane	7.909	113	12962	52.50	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.00%
50) Toluene-d8	10.338	98	43049	48.03	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.06%
62) 4-Bromofluorobenzene	12.620	95	14008	44.71	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.42%

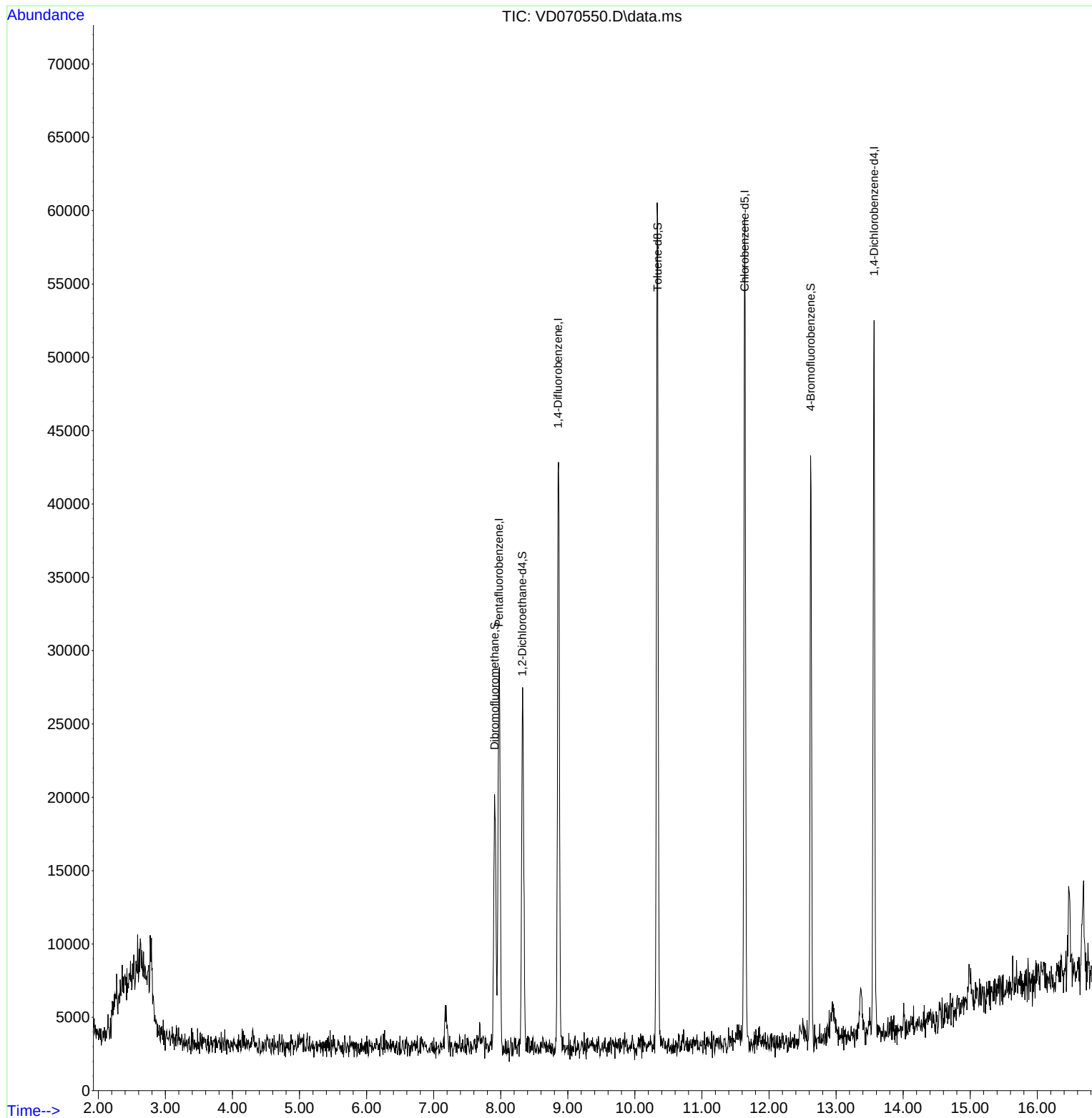
Target Compounds	Qvalue

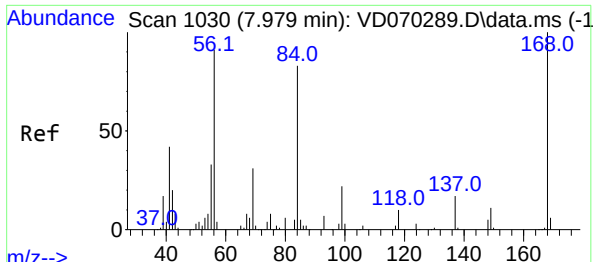
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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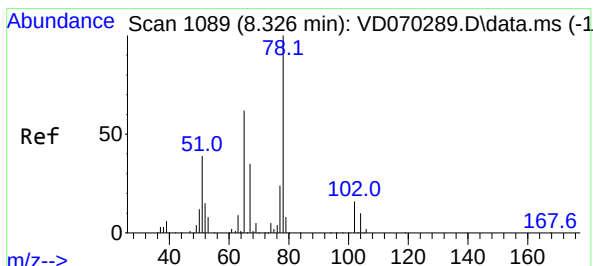
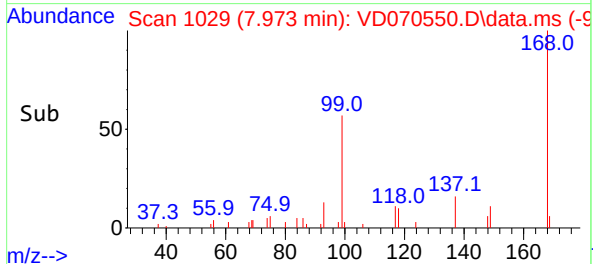
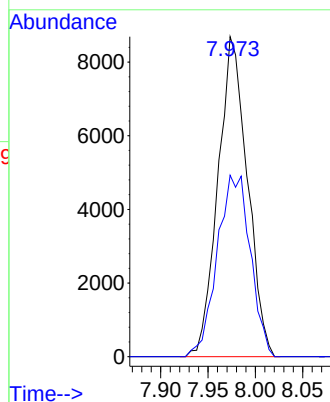
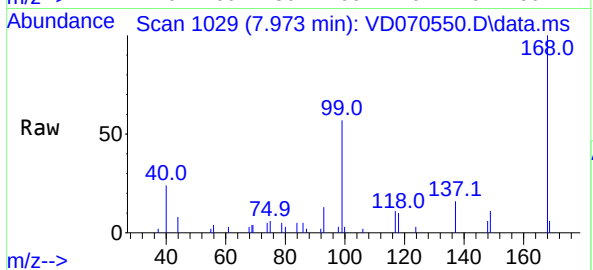




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

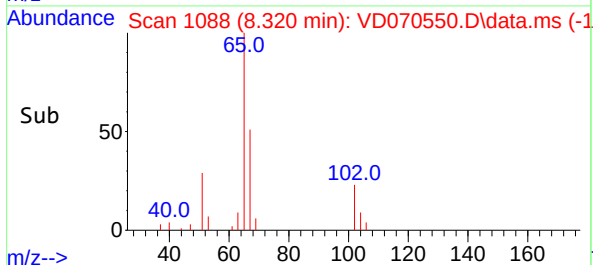
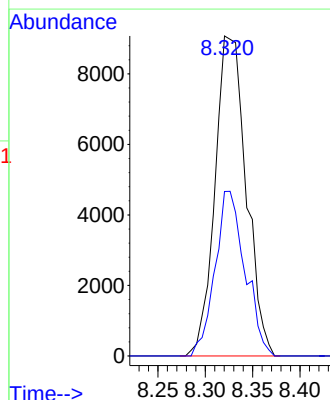
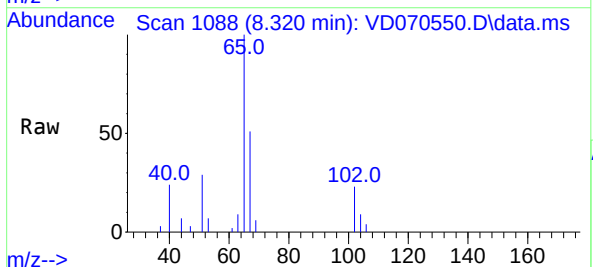
Instrument :
MSVOA_D
ClientSampleId :
EO-01-100121

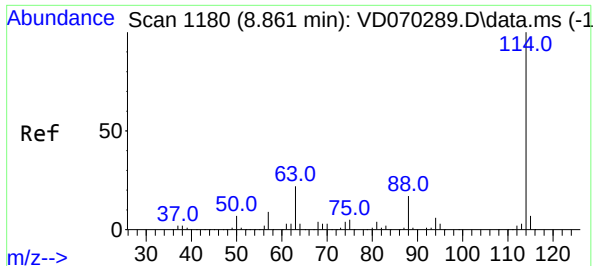
Tgt Ion:168 Resp: 18786
Ion Ratio Lower Upper
168 100
99 56.7 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 86.29 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

Tgt Ion: 65 Resp: 20815
Ion Ratio Lower Upper
65 100
67 49.5 0.0 111.4

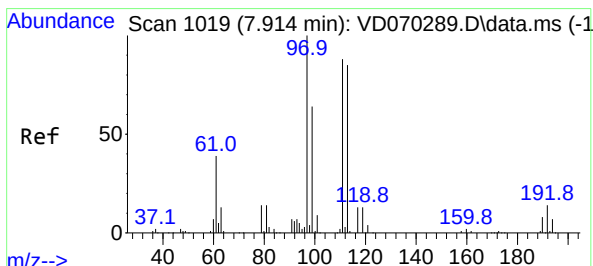
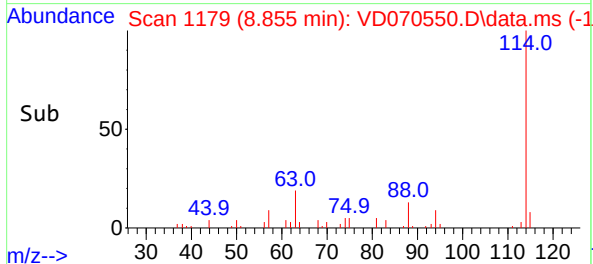
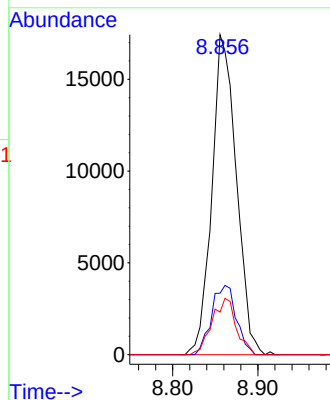
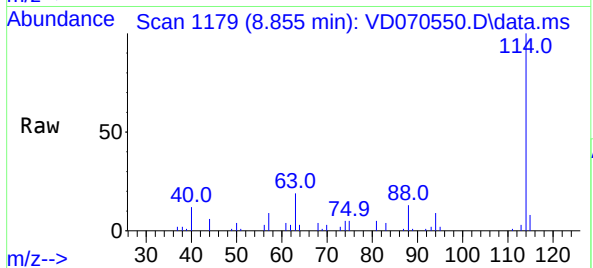




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

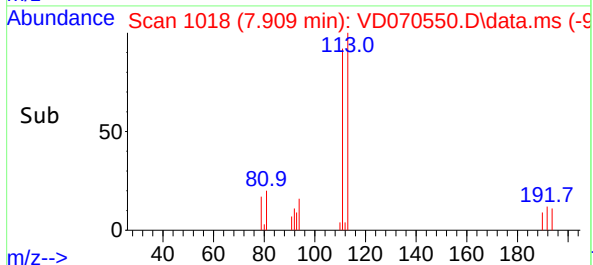
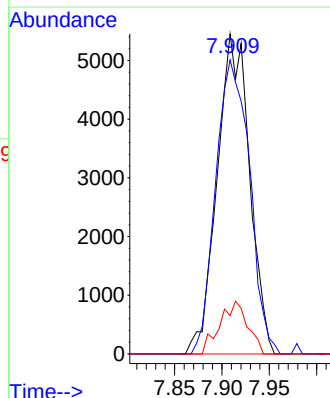
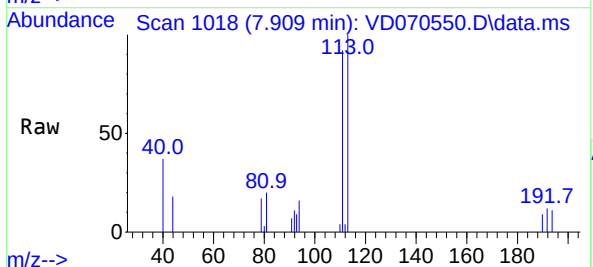
Instrument :
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ClientSampleId :
EO-01-100121

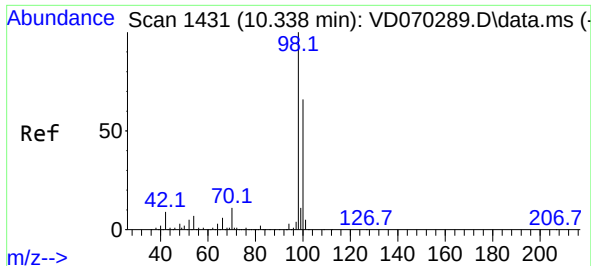
Tgt Ion:	114	Resp:	34684
Ion Ratio	Lower	Upper	
114	100		
63	19.2	0.0	43.4
88	13.3	0.0	33.4



#35
Dibromofluoromethane
Concen: 52.50 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

Tgt Ion:	113	Resp:	12962
Ion Ratio	Lower	Upper	
113	100		
111	96.2	81.4	122.2
192	14.1	13.0	19.6

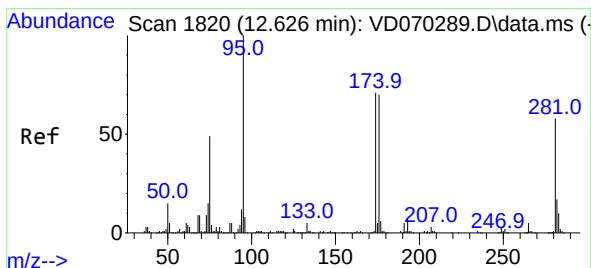
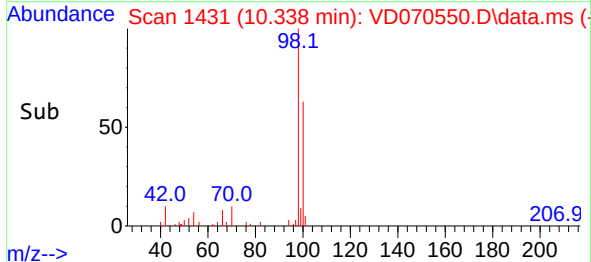
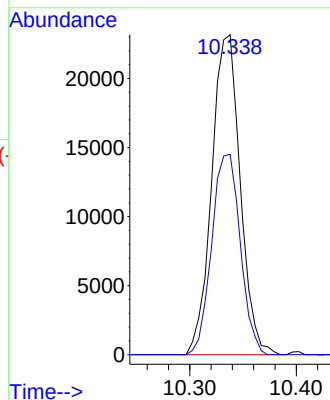
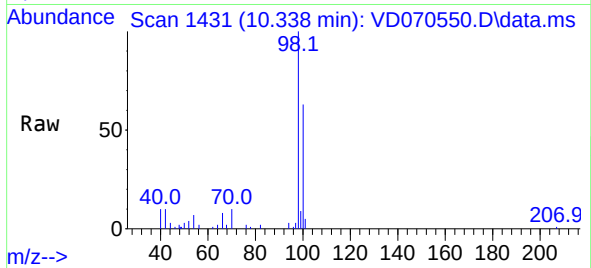




#50
Toluene-d8
Concen: 48.03 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

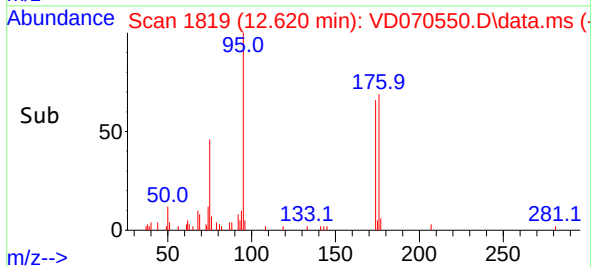
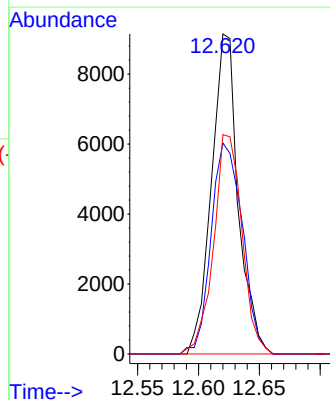
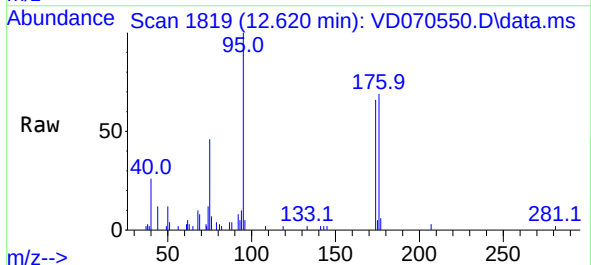
Instrument :
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EO-01-100121

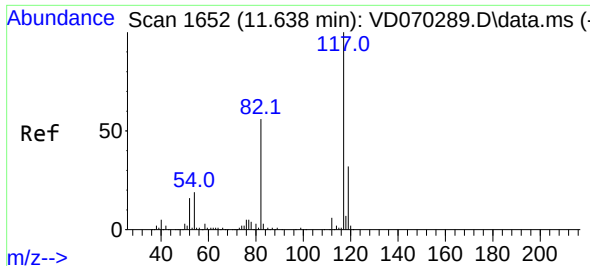
Tgt Ion: 98 Resp: 43049
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.71 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

Tgt Ion: 95 Resp: 14008
Ion Ratio Lower Upper
95 100
174 76.9 0.0 140.6
176 72.6 0.0 137.4

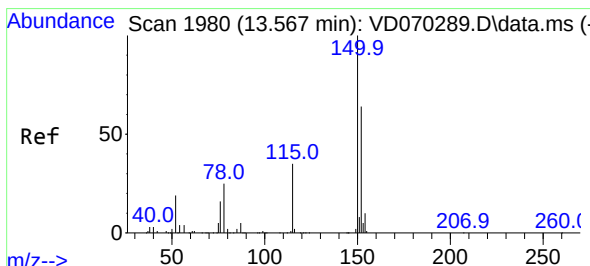
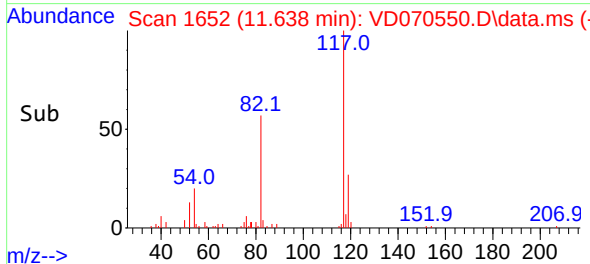
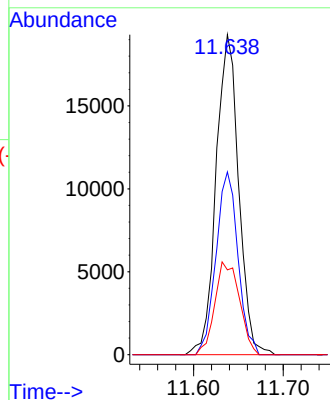
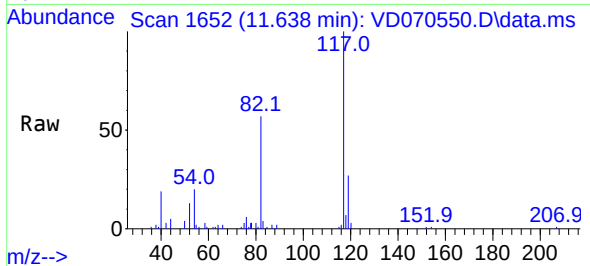




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

Instrument :
MSVOA_D
ClientSampleId :
EO-01-100121

Tgt Ion:	117	Resp:	33722
Ion	Ratio	Lower	Upper
117	100		
82	57.1	45.0	67.4
119	26.5	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070550.D
Acq: 04 Oct 2021 14:47

Tgt Ion:	152	Resp:	13462
Ion	Ratio	Lower	Upper
152	100		
115	65.7	32.1	96.3
150	156.0	0.0	350.6

