

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121521\
 Data File : VD071337.D
 Acq On : 15 Dec 2021 12:40
 Operator : VA/SY
 Sample : M5073-01RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-121321RE

Quant Time: Dec 16 04:26:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	15456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	26440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	28449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	15484	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	12186	67.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.380%
35) Dibromofluoromethane	7.908	113	8076	47.967	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.940%
50) Toluene-d8	10.332	98	32503	50.729	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.460%
62) 4-Bromofluorobenzene	12.626	95	13621	61.329	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.660%

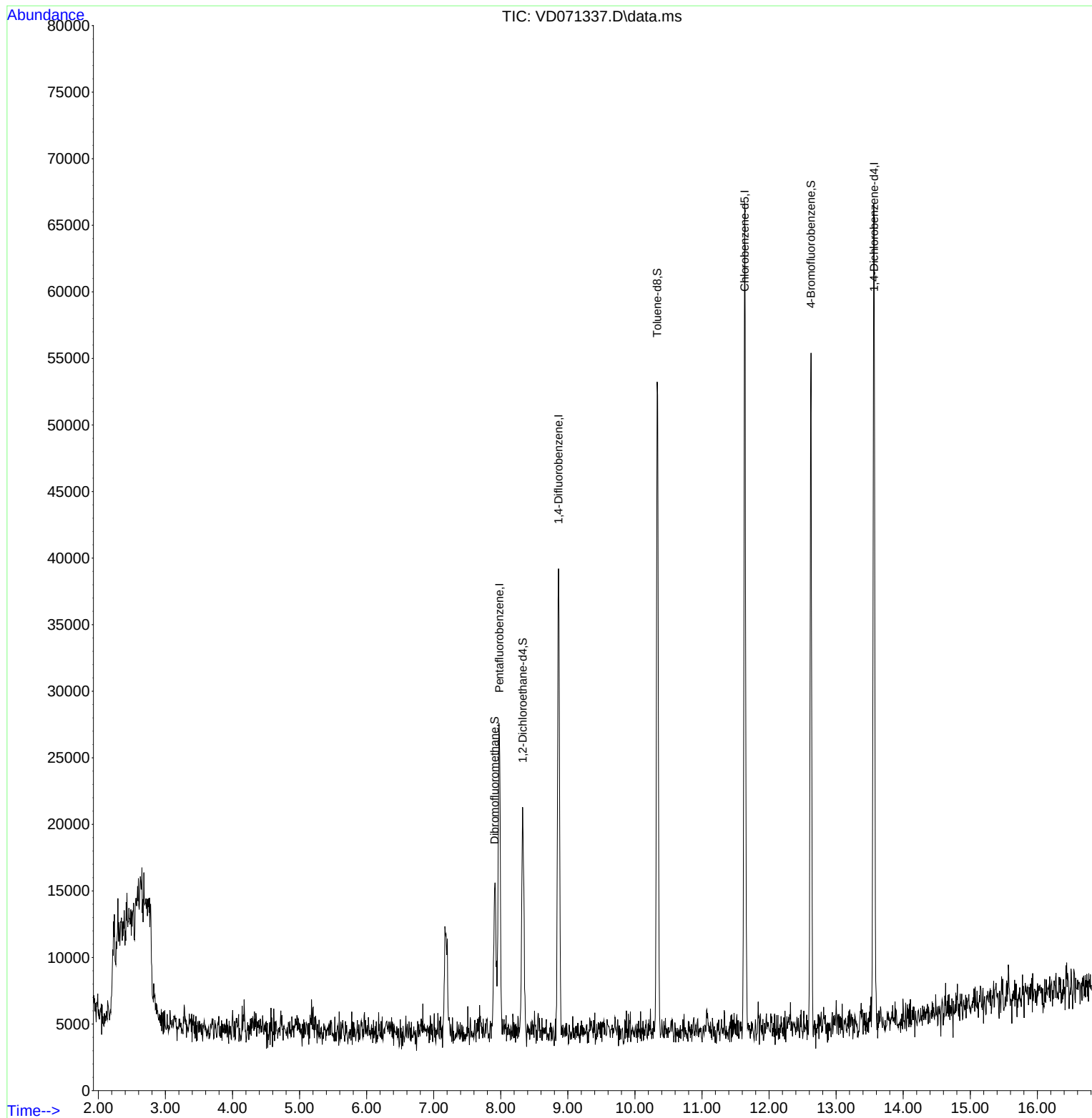
Target Compounds	Qvalue

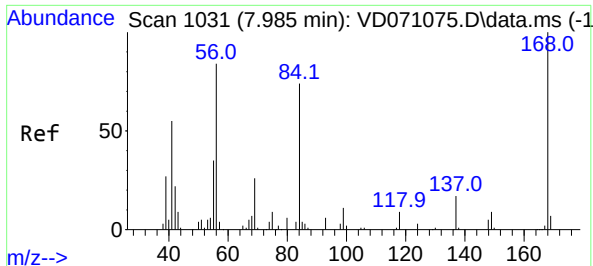
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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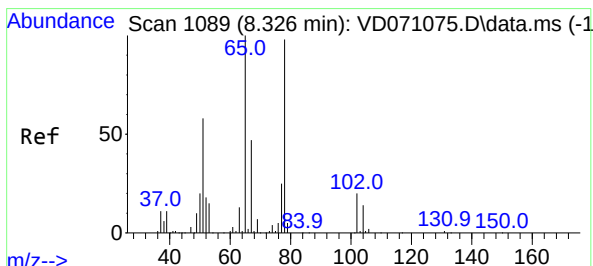
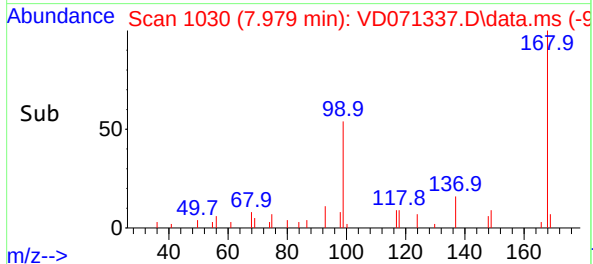
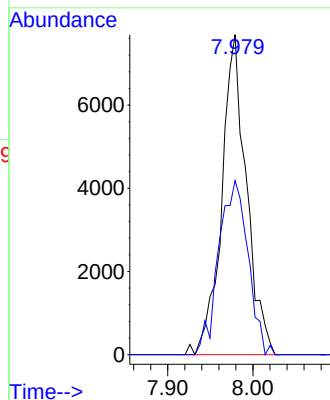
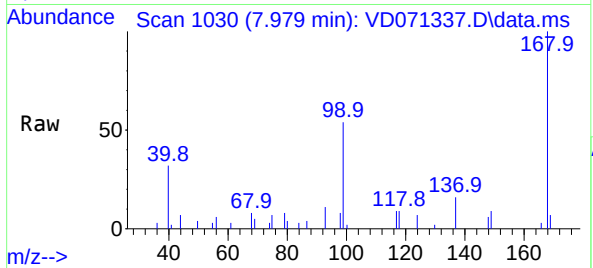




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071337.D
Acq: 15 Dec 2021 12:40

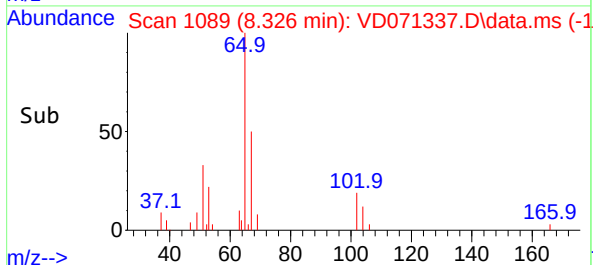
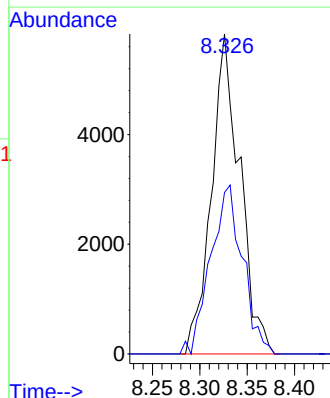
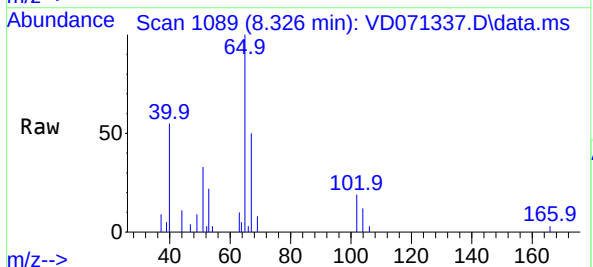
Instrument :
MSVOA_D
ClientSampleId :
EO-02-121321RE

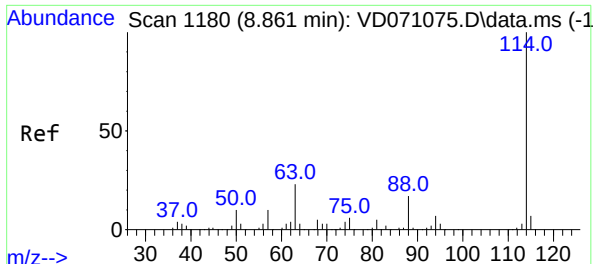
Tgt Ion:168 Resp: 15456
Ion Ratio Lower Upper
168 100
99 54.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 67.193 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071337.D
Acq: 15 Dec 2021 12:40

Tgt Ion: 65 Resp: 12186
Ion Ratio Lower Upper
65 100
67 59.2 0.0 112.2

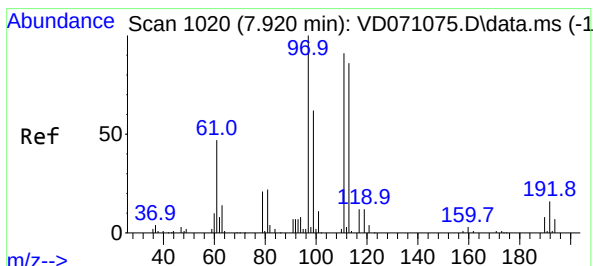
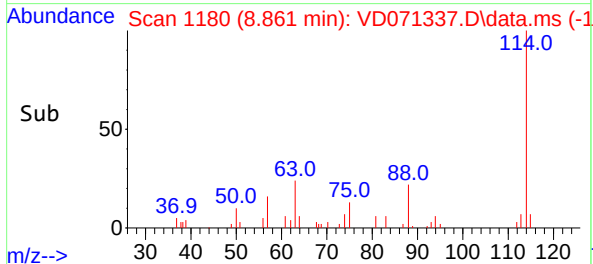
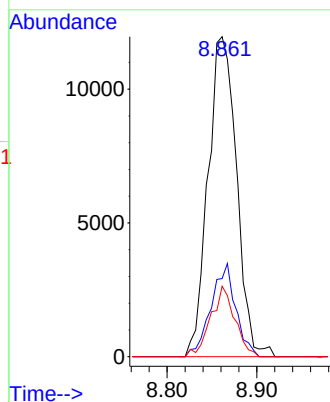
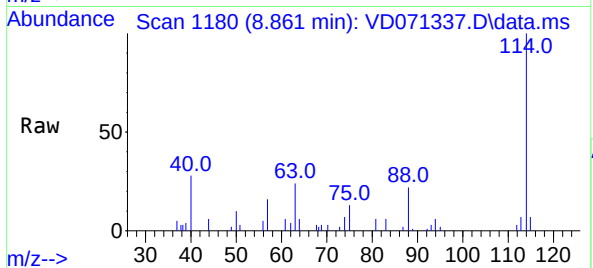




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071337.D
Acq: 15 Dec 2021 12:40

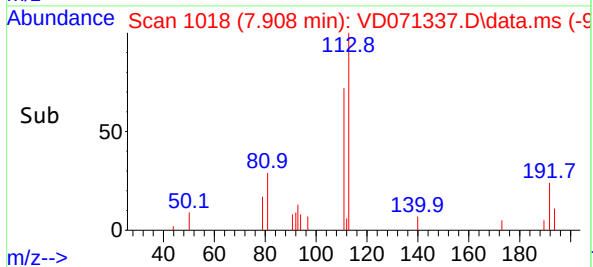
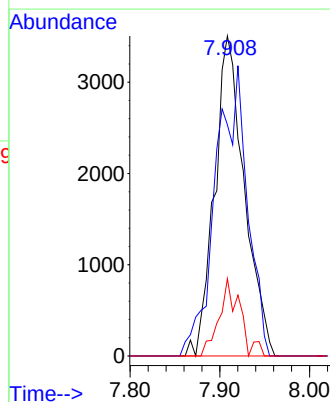
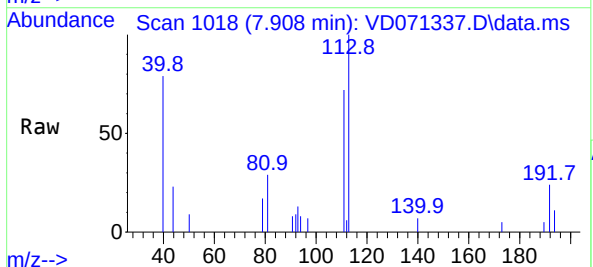
Instrument :
MSVOA_D
ClientSampleId :
EO-02-121321RE

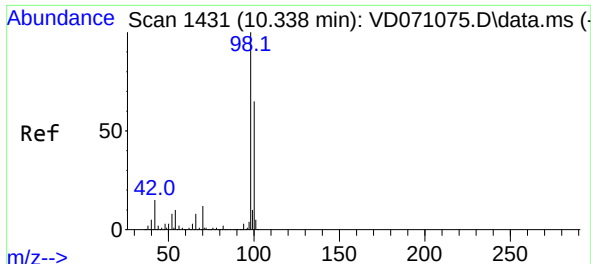
Tgt Ion:114	Resp:	26440
Ion Ratio	Lower	Upper
114	100	
63	24.4	0.0 41.8
88	22.0	0.0 32.8



#35
Dibromofluoromethane
Concen: 47.967 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.012 min
Lab File: VD071337.D
Acq: 15 Dec 2021 12:40

Tgt Ion:113	Resp:	8076
Ion Ratio	Lower	Upper
113	100	
111	97.0	82.0 123.0
192	17.1	15.2 22.8

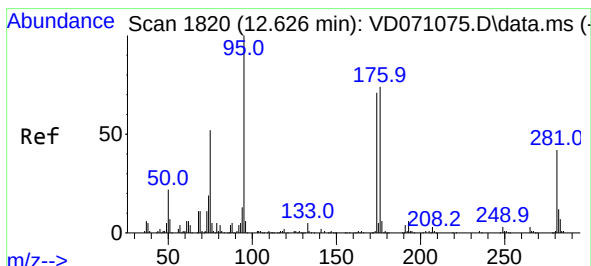
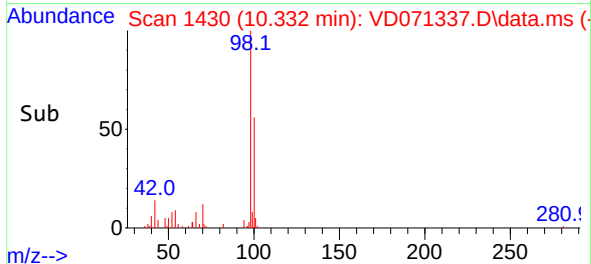
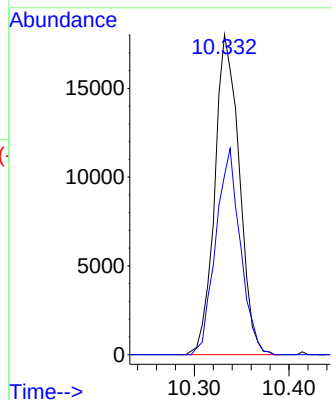
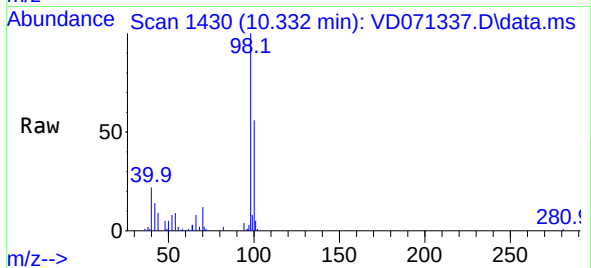




#50
Toluene-d8
Concen: 50.729 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071337.D
Acq: 15 Dec 2021 12:40

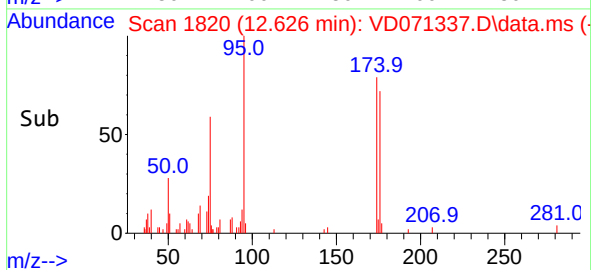
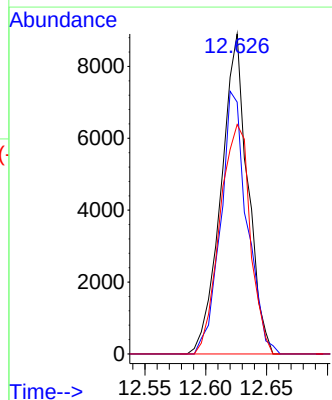
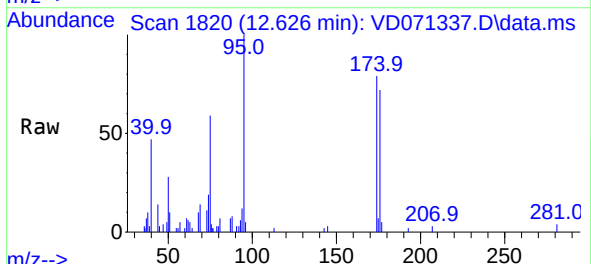
Instrument :
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EO-02-121321RE

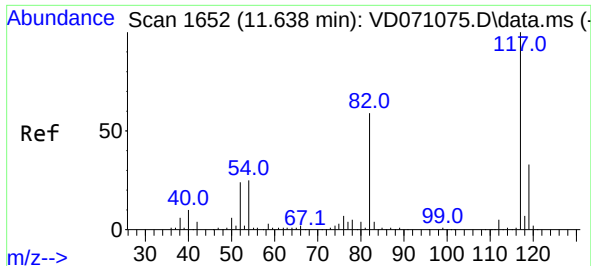
Tgt Ion: 98 Resp: 32503
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.329 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071337.D
Acq: 15 Dec 2021 12:40

Tgt Ion: 95 Resp: 13621
Ion Ratio Lower Upper
95 100
174 81.3 0.0 159.4
176 81.1 0.0 154.0

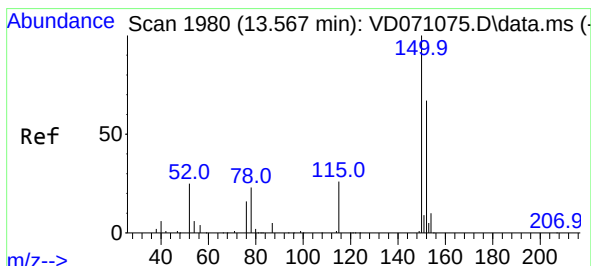
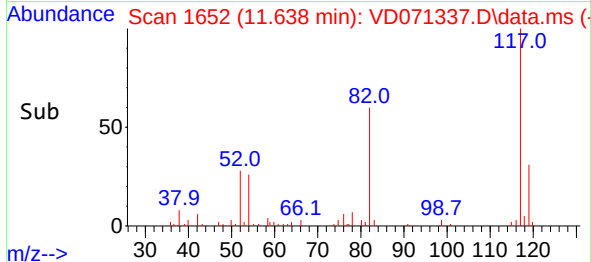
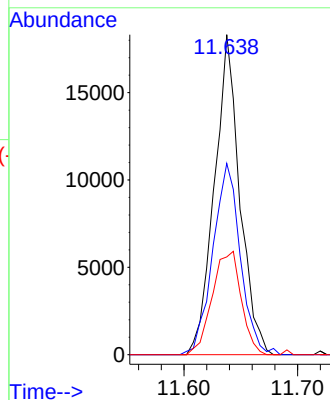
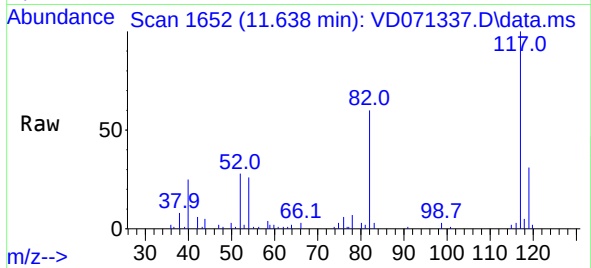




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071337.D
Acq: 15 Dec 2021 12:40

Instrument :
MSVOA_D
ClientSampleId :
EO-02-121321RE

Tgt Ion:117 Resp: 28449
Ion Ratio Lower Upper
117 100
82 59.8 44.7 67.1
119 30.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071337.D
Acq: 15 Dec 2021 12:40

Tgt Ion:152 Resp: 15484
Ion Ratio Lower Upper
152 100
115 57.3 29.8 89.3
150 150.6 0.0 349.2

