

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071694.D
 Acq On : 12 Jan 2022 18:54
 Operator : VA/SY
 Sample : N1106-14
 Misc : 6.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SO-A4-A41-03-6

Quant Time: Jan 13 05:30:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.962	168	10984	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.862	114	20994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	18880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	8758	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	12232	86.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	173.100%#
35) Dibromofluoromethane	7.903	113	6589	47.490	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.980%
50) Toluene-d8	10.332	98	24218	46.630	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.260%
62) 4-Bromofluorobenzene	12.620	95	8093	44.221	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.440%

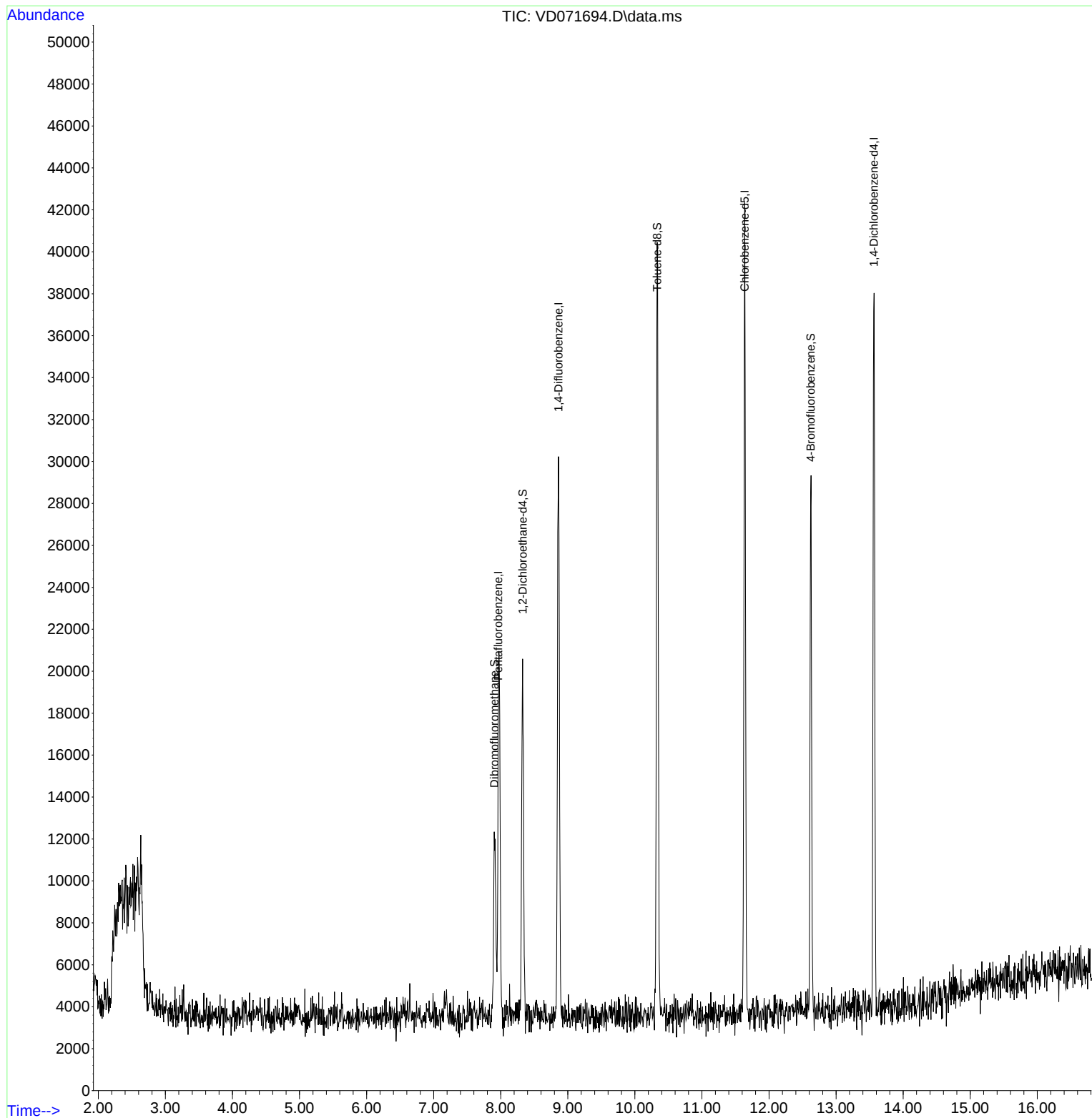
Target Compounds	Qvalue

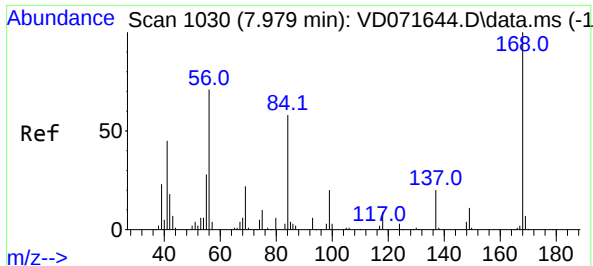
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.962 min Scan# 10984

Delta R.T. -0.017 min

Lab File: VD071694.D

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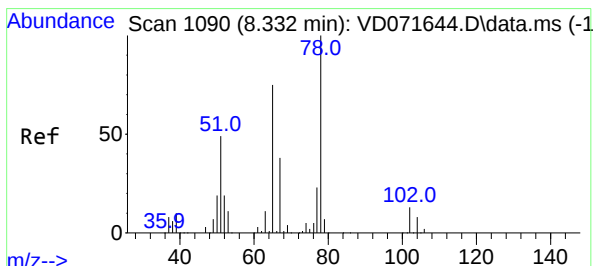
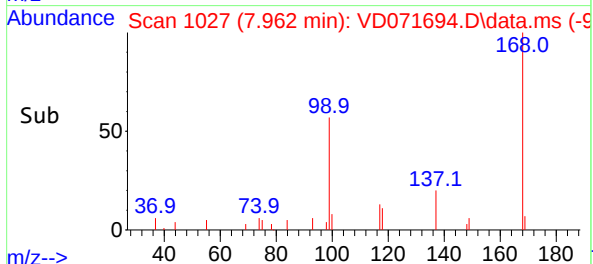
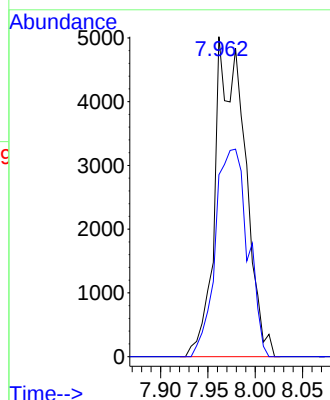
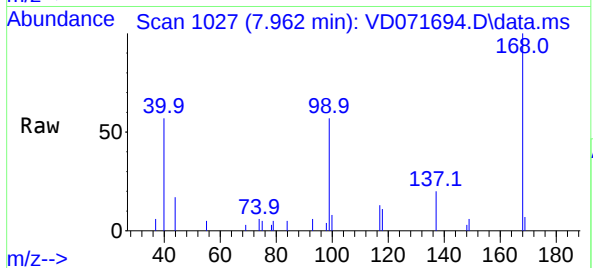
SO-A4-A41-03-6

Tgt Ion:168 Resp: 10984

Ion Ratio Lower Upper

168 100

99 56.9 51.8 77.6



1,2-Dichloroethane-d4

Concen: 86.548 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD071694.D

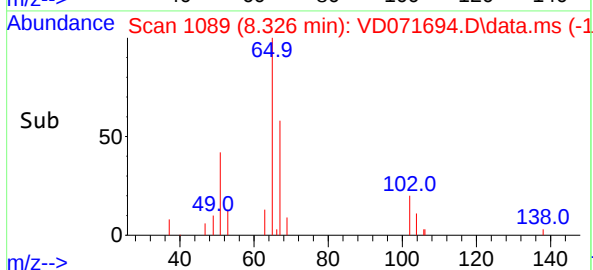
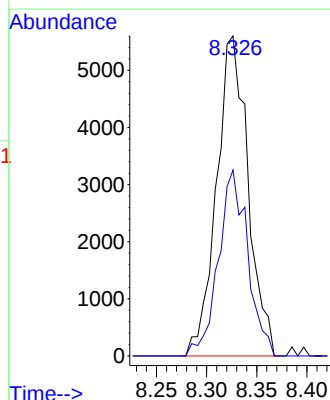
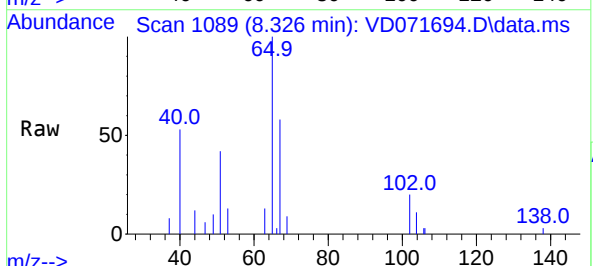
Acq: 12 Jan 2022 18:54

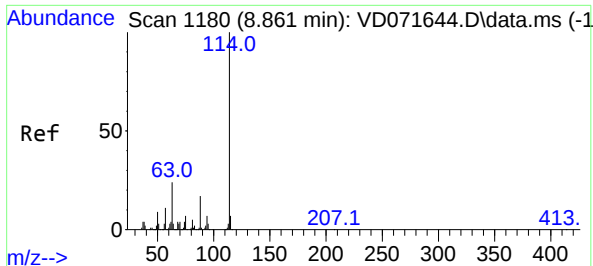
Tgt Ion: 65 Resp: 12232

Ion Ratio Lower Upper

65 100

67 54.0 0.0 101.2

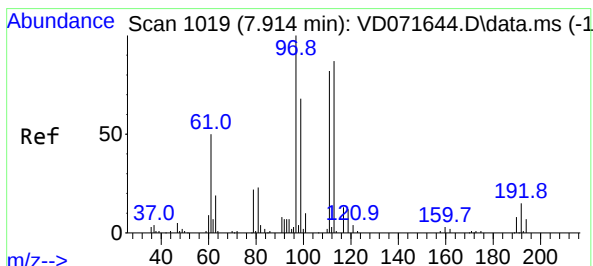
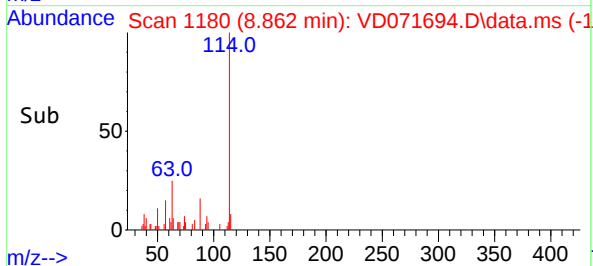
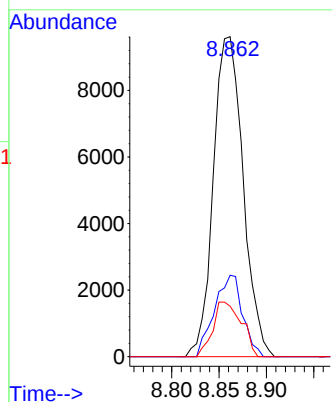
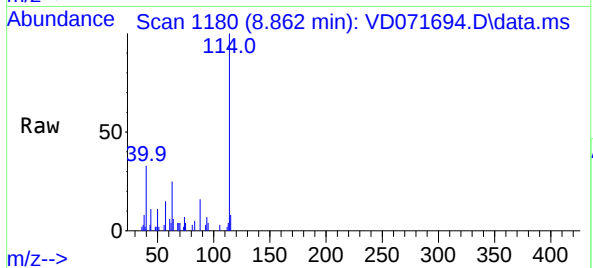




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.862 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD071694.D
Acq: 12 Jan 2022 18:54

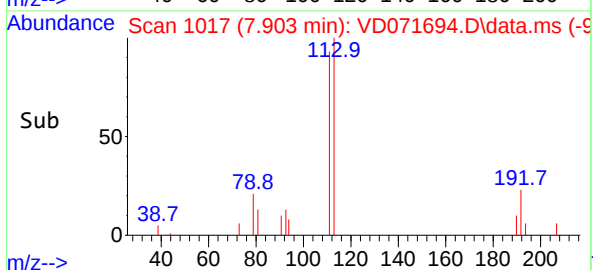
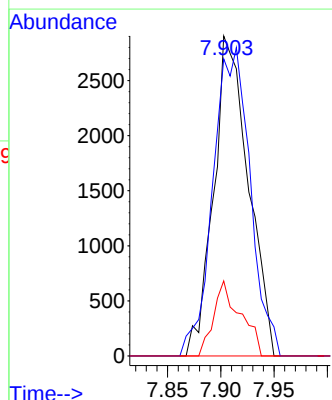
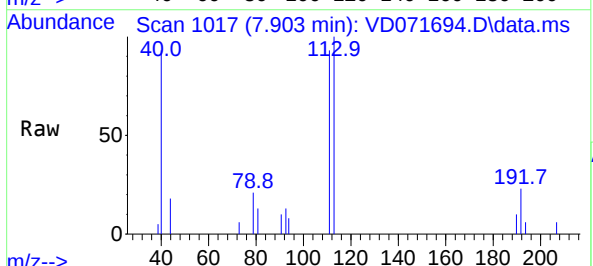
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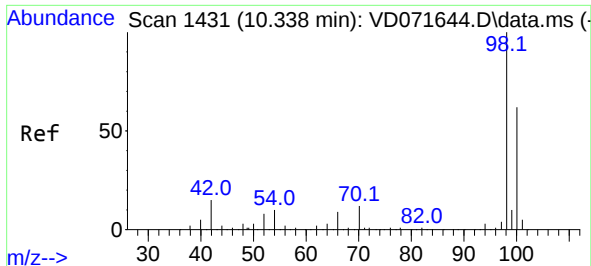
Tgt Ion:	114	Resp:	20994
Ion	Ratio	Lower	Upper
114	100		
63	25.4	0.0	46.2
88	15.8	0.0	32.0



#35
Dibromofluoromethane
Concen: 47.490 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.011 min
Lab File: VD071694.D
Acq: 12 Jan 2022 18:54

Tgt Ion:	113	Resp:	6589
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	18.0	14.2	21.2

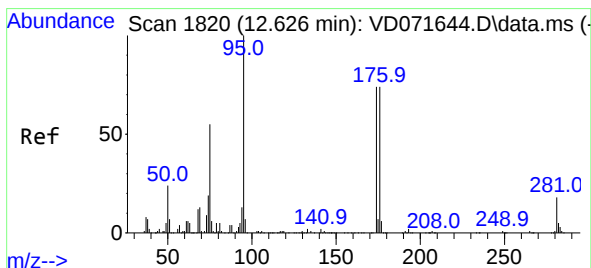
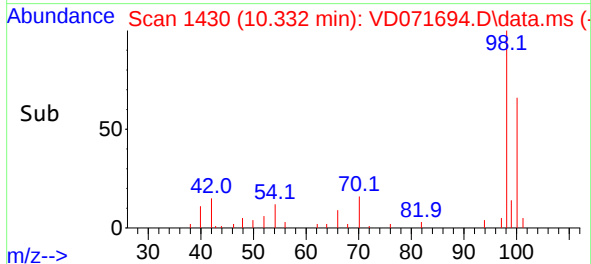
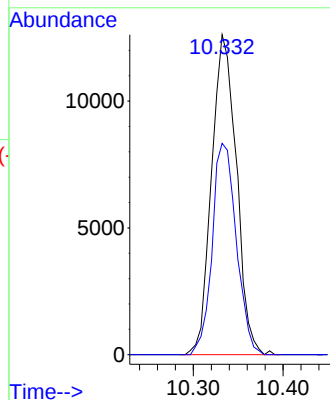
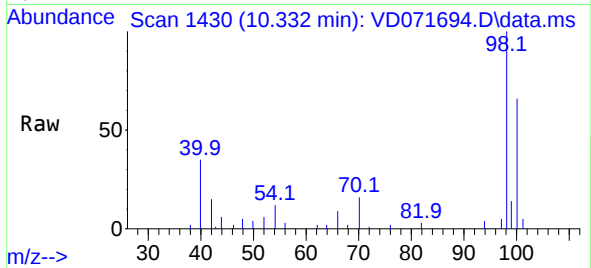




#50
Toluene-d8
Concen: 46.630 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD071694.D
Acq: 12 Jan 2022 18:54

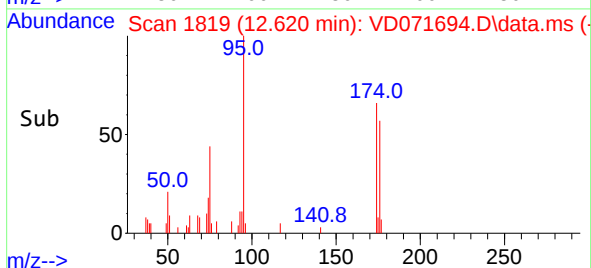
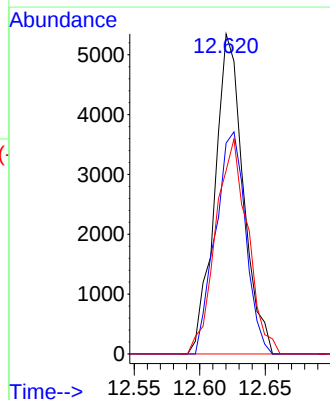
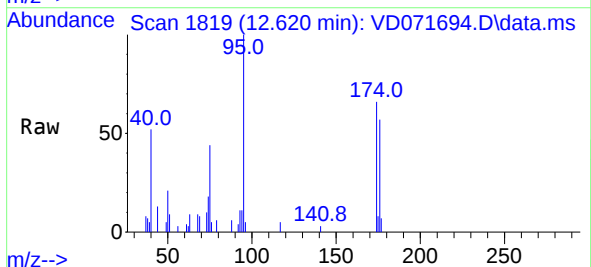
Instrument :
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SO-A4-A41-03-6

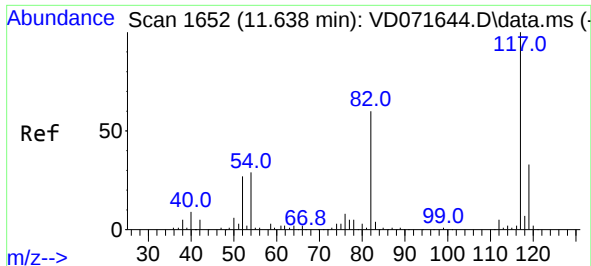
Tgt Ion: 98 Resp: 24218
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.221 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071694.D
Acq: 12 Jan 2022 18:54

Tgt Ion: 95 Resp: 8093
Ion Ratio Lower Upper
95 100
174 73.3 0.0 150.0
176 75.4 0.0 146.4

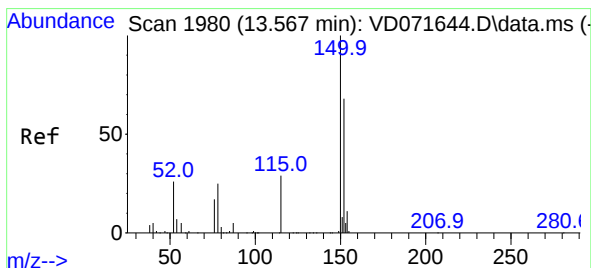
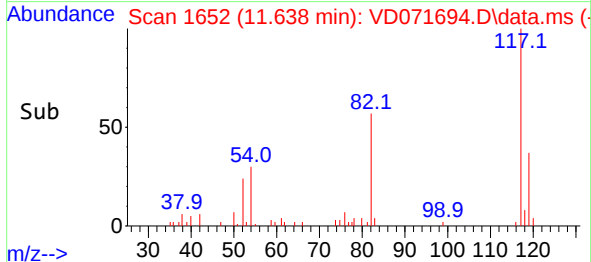
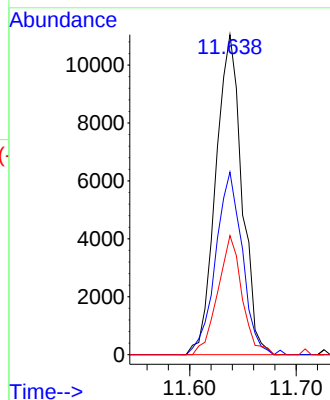
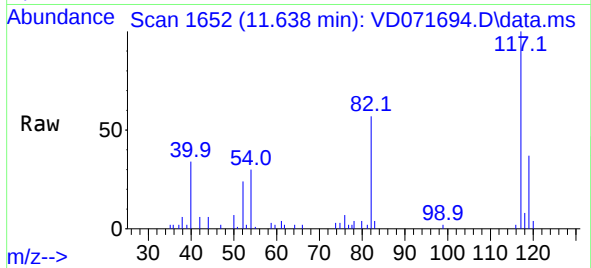




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD071694.D
Acq: 12 Jan 2022 18:54

Instrument :
MSVOA_D
ClientSampleId :
SO-A4-A41-03-6

Tgt Ion:117 Resp: 18880
Ion Ratio Lower Upper
117 100
82 57.0 46.9 70.3
119 37.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071694.D
Acq: 12 Jan 2022 18:54

Tgt Ion:152 Resp: 8758
Ion Ratio Lower Upper
152 100
115 64.8 31.5 94.5
150 158.9 0.0 348.0

