

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071684.D
 Acq On : 12 Jan 2022 14:13
 Operator : VA/SY
 Sample : N1097-04
 Misc : 5.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1D

Quant Time: Jan 13 05:28:45 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	7.979	168	5372	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	8898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	6965	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	2576	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	4371	63.236	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.480%
35) Dibromofluoromethane	7.914	113	2844	48.363	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.720%
50) Toluene-d8	10.332	98	10438	47.418	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.840%
62) 4-Bromofluorobenzene	12.626	95	2262	29.162	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	58.320%

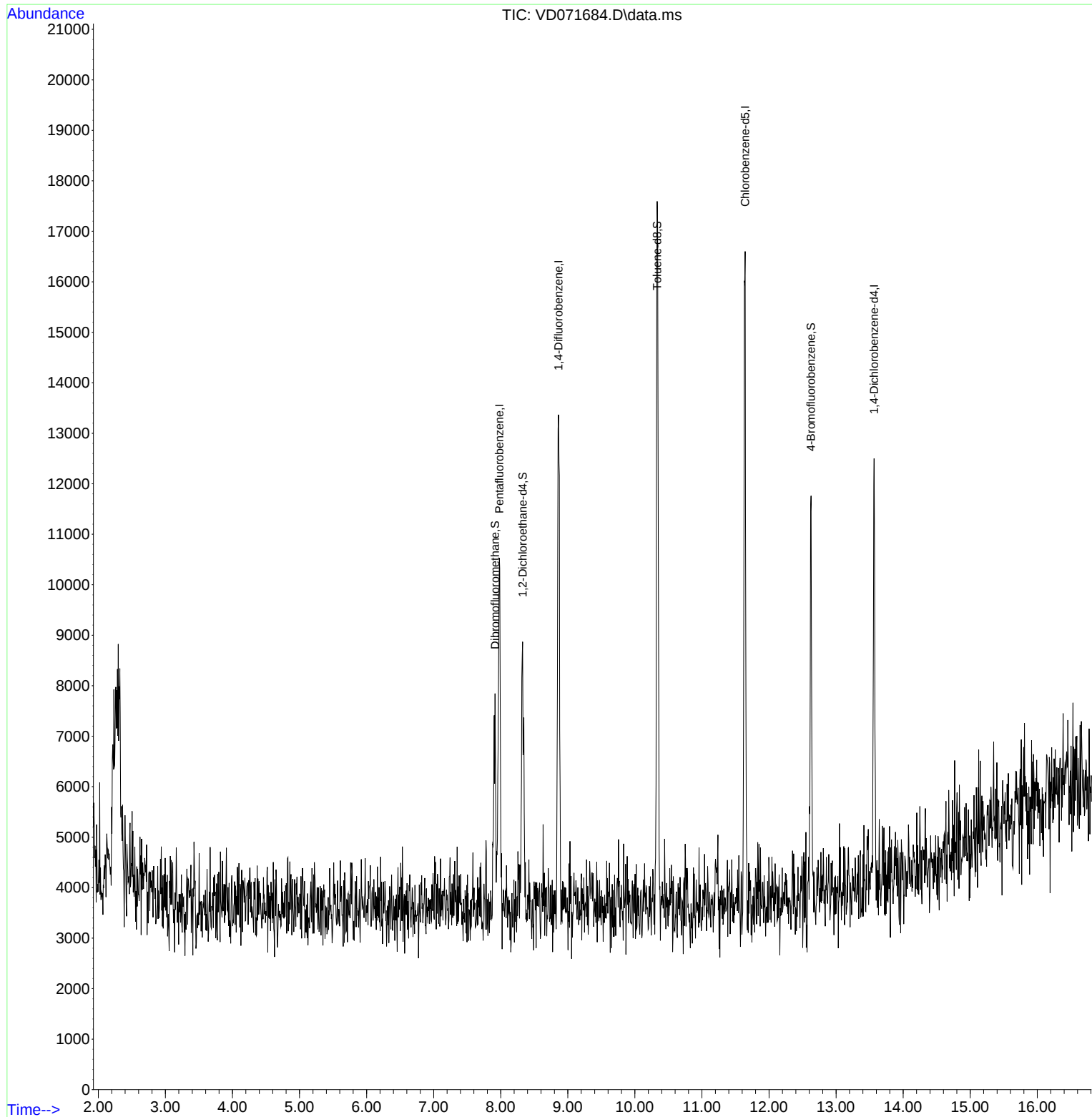
Target Compounds	Qvalue

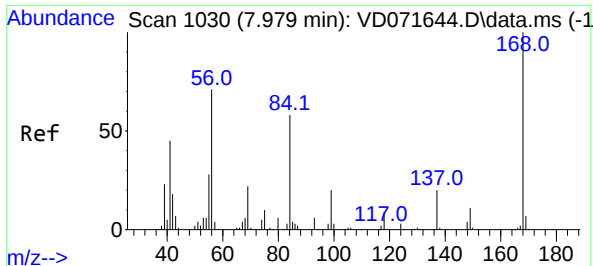
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD071684.D

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Instrument :

MSVOA_D

ClientSampleId :

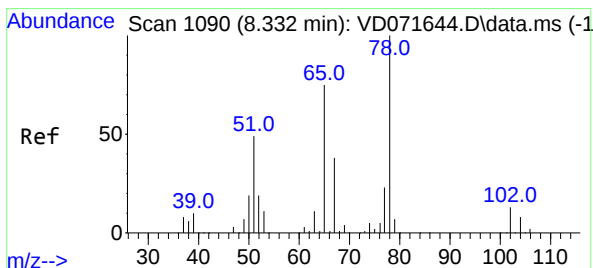
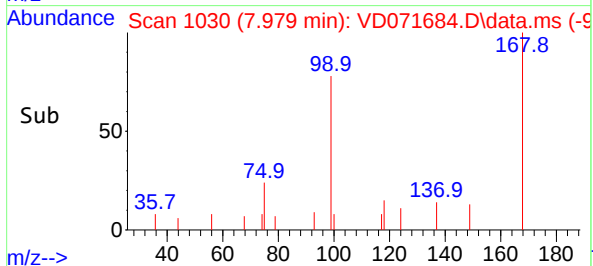
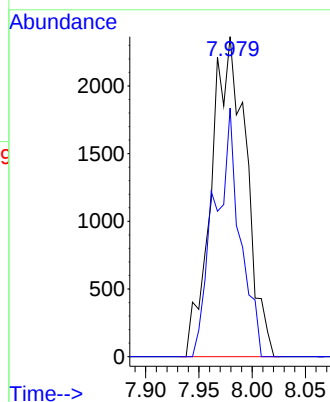
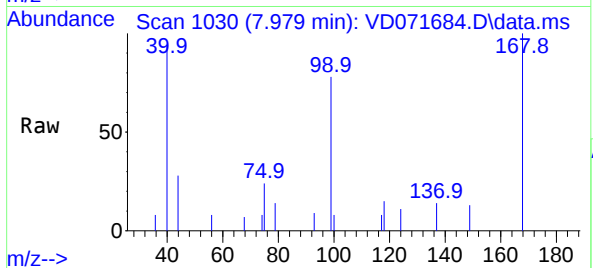
TP-1D

Tgt Ion:168 Resp: 5372

Ion Ratio Lower Upper

168 100

99 77.7 51.8 77.6#



1,2-Dichloroethane-d4

Concen: 63.236 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD071684.D

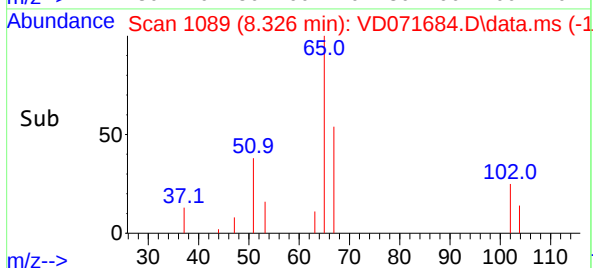
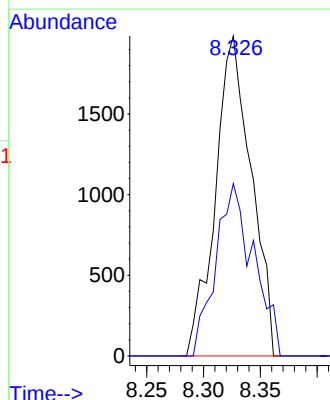
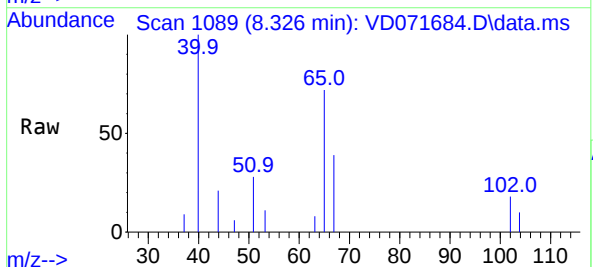
Acq: 12 Jan 2022 14:13

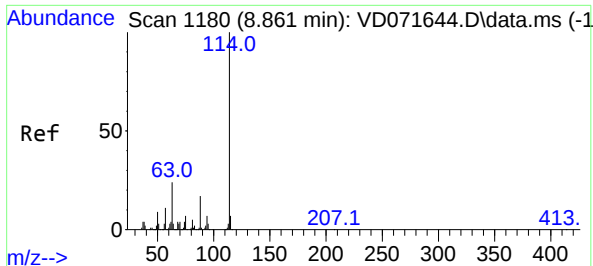
Tgt Ion: 65 Resp: 4371

Ion Ratio Lower Upper

65 100

67 56.7 0.0 101.2

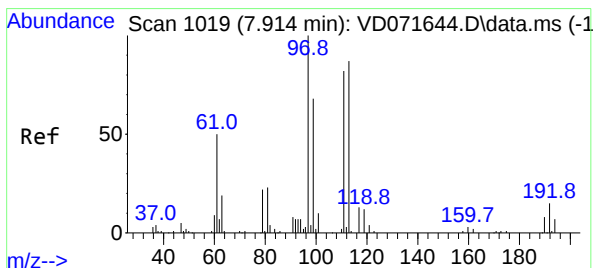
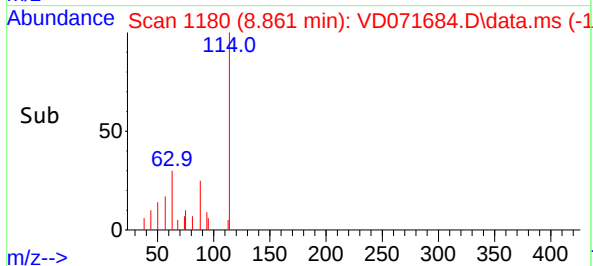
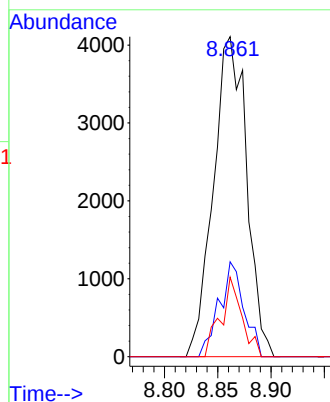
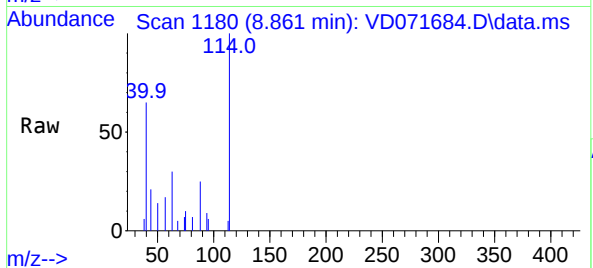




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD071684.D
Acq: 12 Jan 2022 14:13

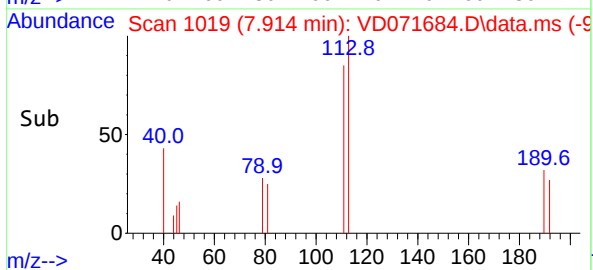
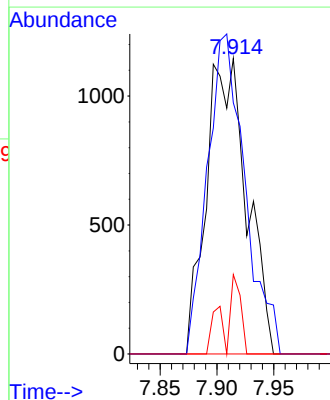
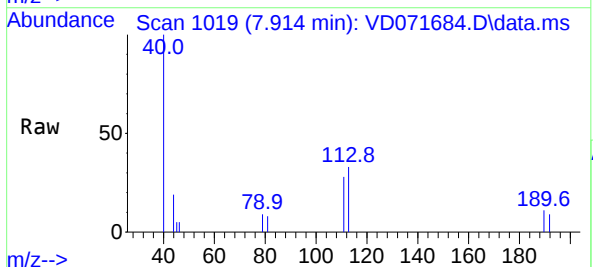
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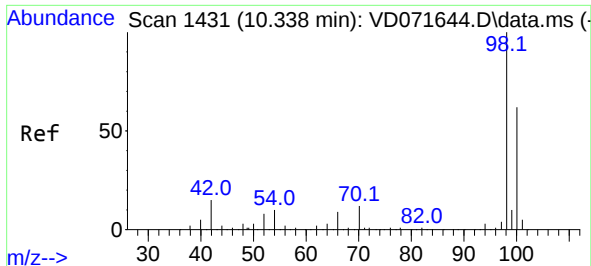
Tgt Ion:	114	Resp:	8898
Ion Ratio	Lower	Upper	
114	100		
63	29.7	0.0	46.2
88	24.9	0.0	32.0



#35
Dibromofluoromethane
Concen: 48.363 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071684.D
Acq: 12 Jan 2022 14:13

Tgt Ion:	113	Resp:	2844
Ion Ratio	Lower	Upper	
113	100		
111	100.2	82.2	123.4
192	6.6	14.2	21.2

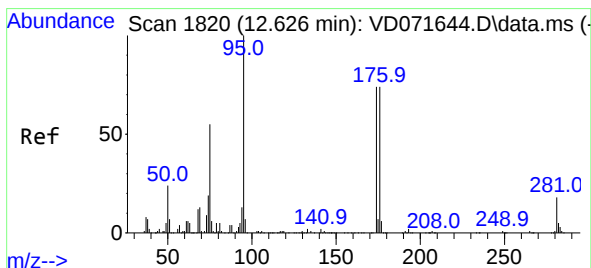
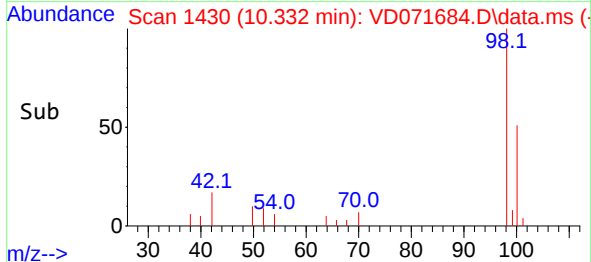
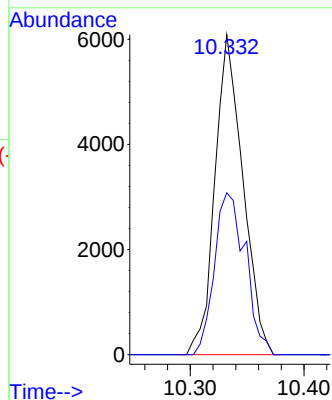
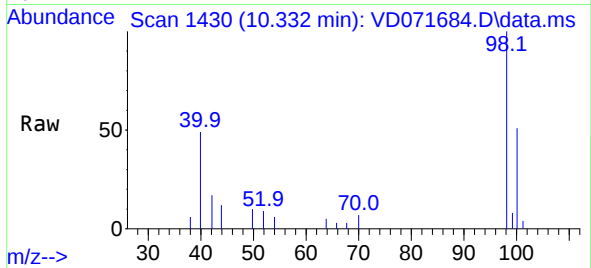




#50
Toluene-d8
Concen: 47.418 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.005 min
Lab File: VD071684.D
Acq: 12 Jan 2022 14:13

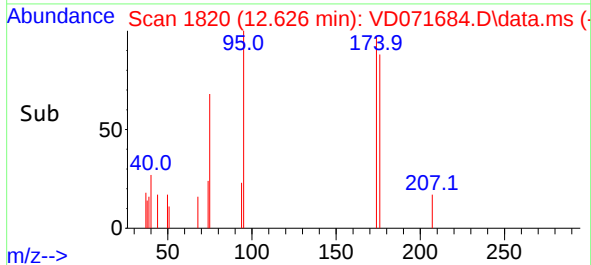
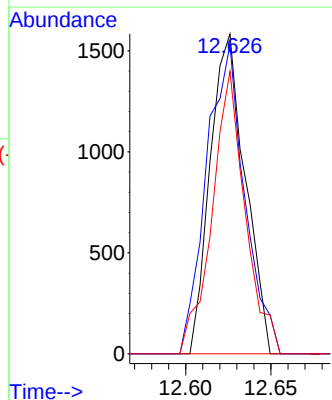
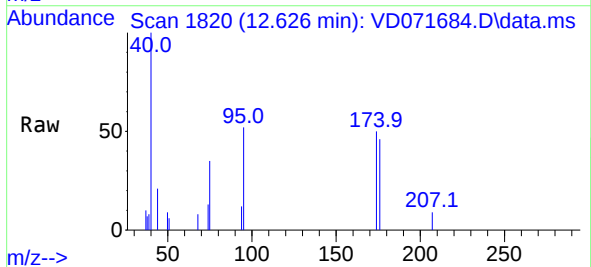
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

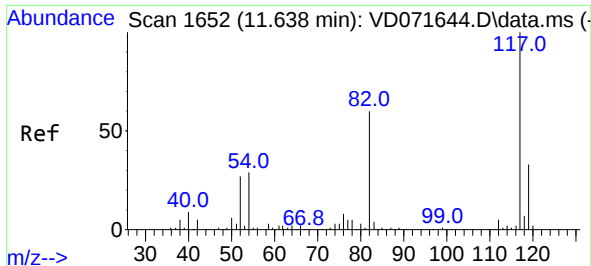
Tgt Ion: 98 Resp: 10438
Ion Ratio Lower Upper
98 100
100 55.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 29.162 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071684.D
Acq: 12 Jan 2022 14:13

Tgt Ion: 95 Resp: 2262
Ion Ratio Lower Upper
95 100
174 105.6 0.0 150.0
176 83.7 0.0 146.4

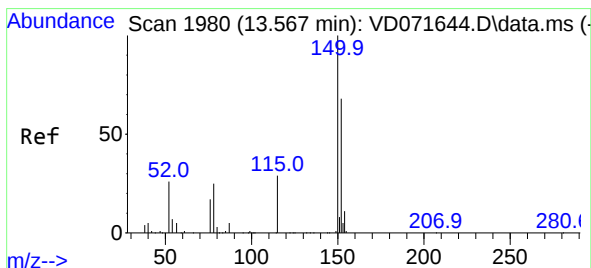
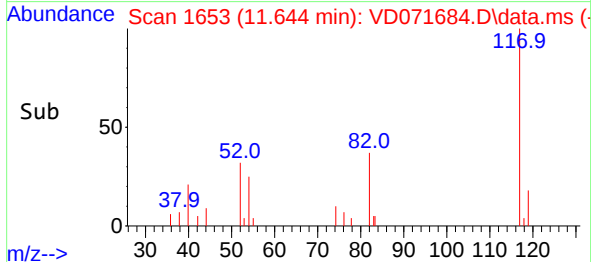
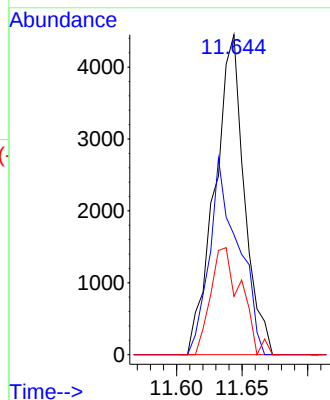
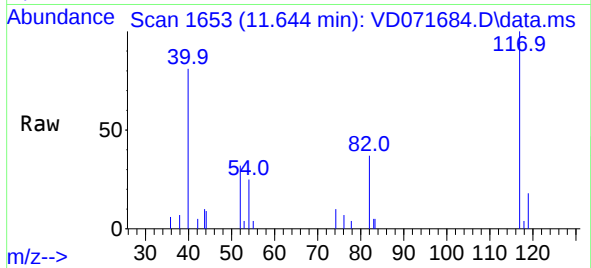




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1165
Delta R.T. 0.007 min
Lab File: VD071684.D
Acq: 12 Jan 2022 14:13

Instrument :
MSVOA_D
ClientSampleId :
TP-1D

Tgt Ion:117 Resp: 6965
Ion Ratio Lower Upper
117 100
82 37.5 46.9 70.3#
119 18.2 26.6 39.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071684.D
Acq: 12 Jan 2022 14:13

Tgt Ion:152 Resp: 2576
Ion Ratio Lower Upper
152 100
115 62.7 31.5 94.5
150 133.9 0.0 348.0

