

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012022\
 Data File : VD071761.D
 Acq On : 20 Jan 2022 14:05
 Operator : VA/SY
 Sample : N1195-01RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-011922RE

Quant Time: Jan 21 03:15:59 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	7.961	168	1646	50.000	ug/l	#-0.02
34) 1,4-Difluorobenzene	8.861	114	3127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	2447	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	1885	89.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 178.000%#	
35) Dibromofluoromethane	7.908	113	1178	57.003	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.000%	
50) Toluene-d8	10.338	98	4188	54.138	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.280%	
62) 4-Bromofluorobenzene	12.626	95	650	23.845	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 47.700%	

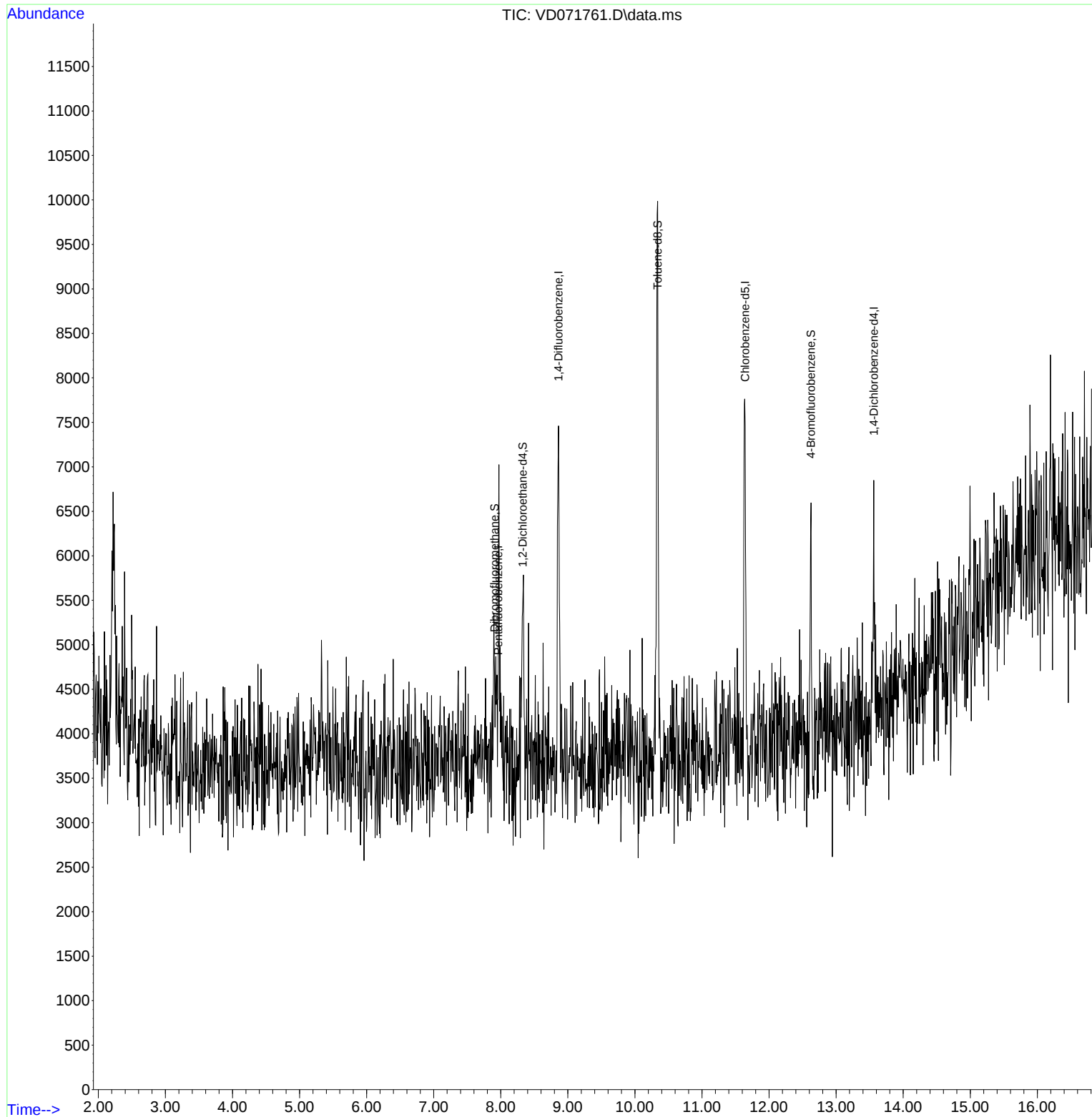
Target Compounds Qvalue

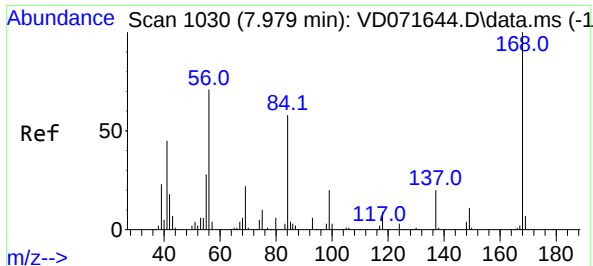
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.961 min Scan# 1027

Delta R.T. -0.018 min

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Instrument :

MSVOA_D

ClientSampleId :

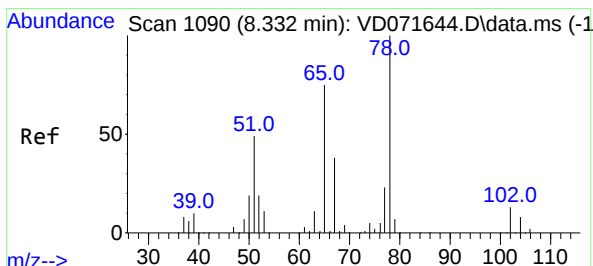
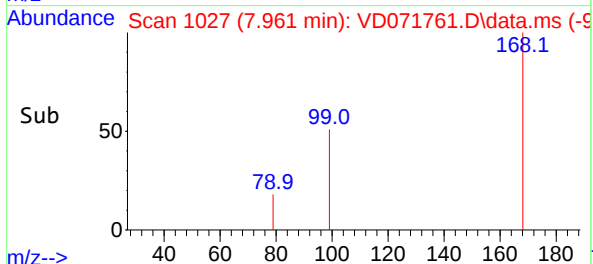
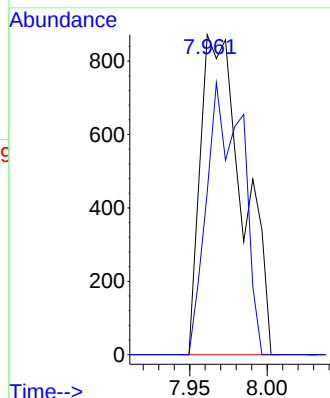
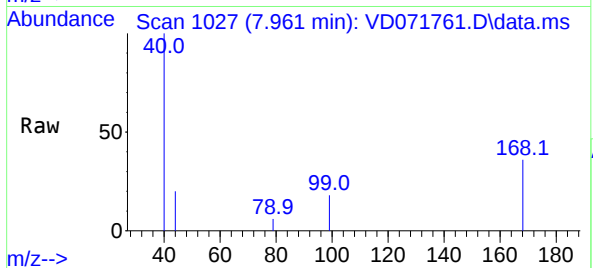
CL-02-011922RE

Tgt Ion:168 Resp: 1646

Ion Ratio Lower Upper

168 100

99 50.8 51.8 77.6#



1,2-Dichloroethane-d4

Concen: 89.002 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD071761.D

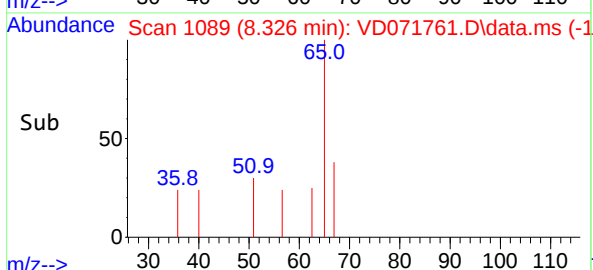
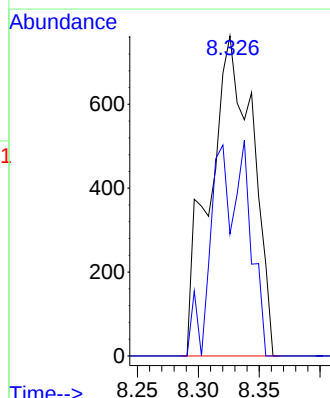
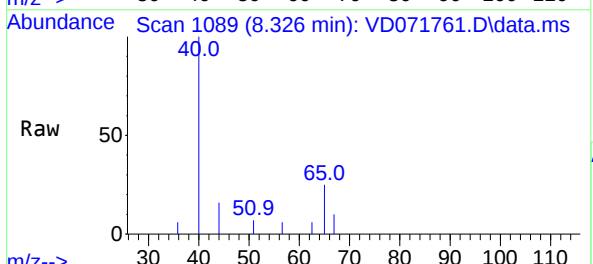
Acq: 20 Jan 2022 14:05

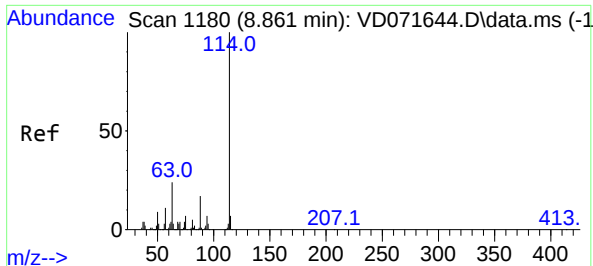
Tgt Ion: 65 Resp: 1885

Ion Ratio Lower Upper

65 100

67 30.6 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071761.D

Acq: 20 Jan 2022 14:05

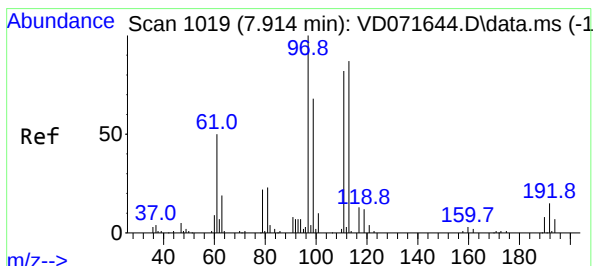
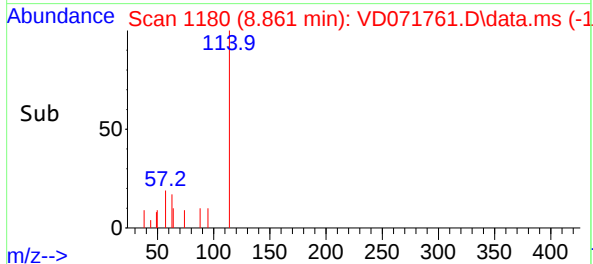
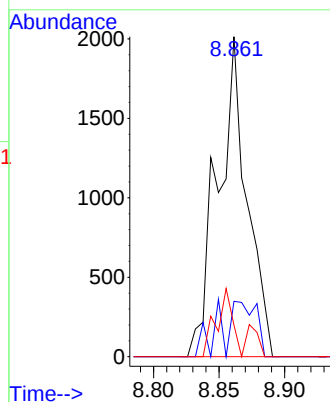
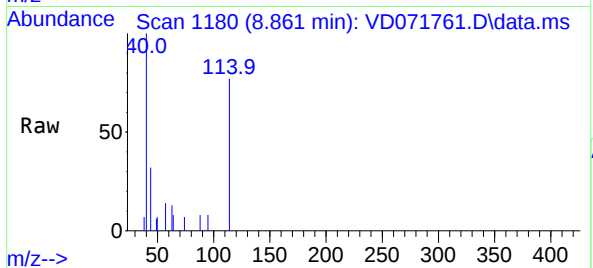
Instrument :

MSVOA_D

ClientSampleId :

CL-02-011922RE

Tgt Ion:114	Resp:	3127
Ion	Ratio	Lower Upper
114	100	
63	17.3	0.0 46.2
88	9.9	0.0 32.0



#35

Dibromofluoromethane

Concen: 57.003 ug/l

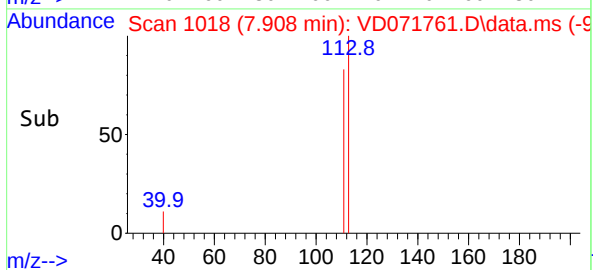
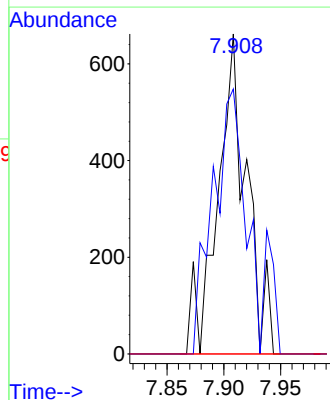
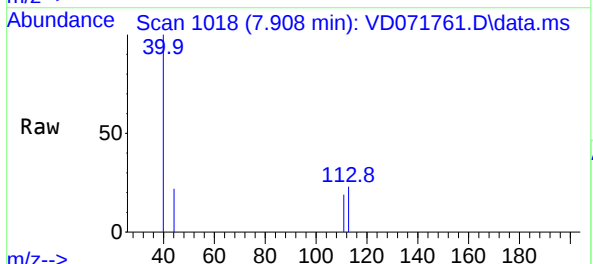
RT: 7.908 min Scan# 1018

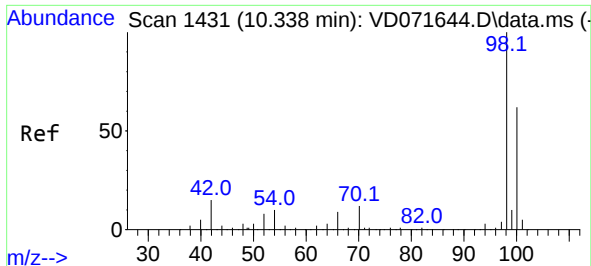
Delta R.T. -0.006 min

Lab File: VD071761.D

Acq: 20 Jan 2022 14:05

Tgt Ion:113	Resp:	1178
Ion	Ratio	Lower Upper
113	100	
111	91.9	82.2 123.4
192	0.0	14.2 21.2

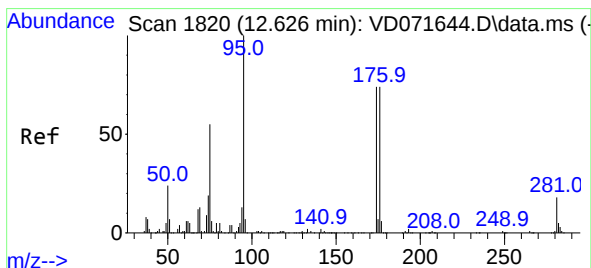
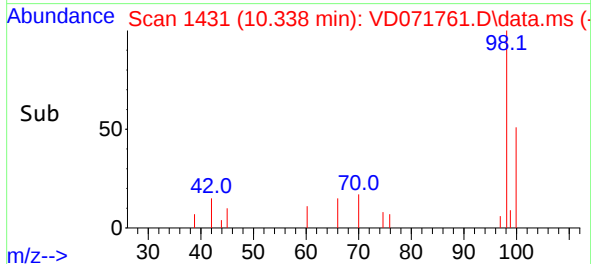
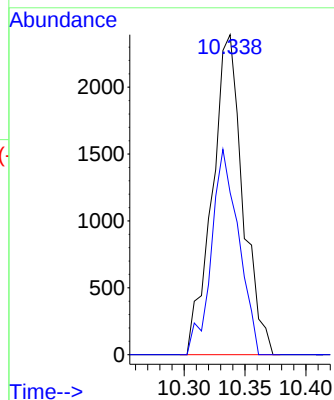
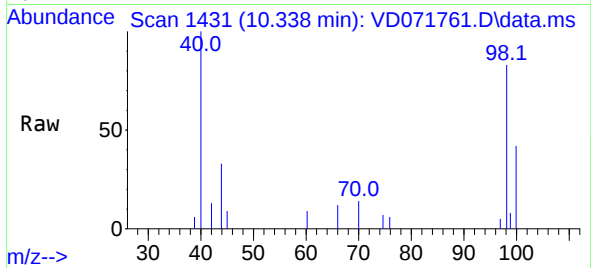




#50
Toluene-d8
Concen: 54.138 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071761.D
Acq: 20 Jan 2022 14:05

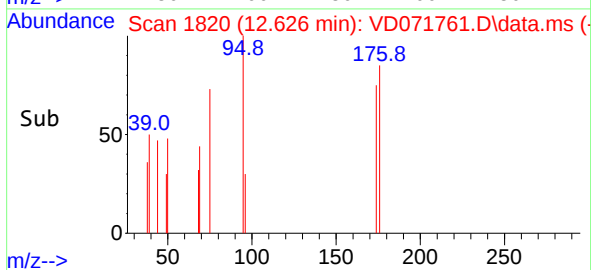
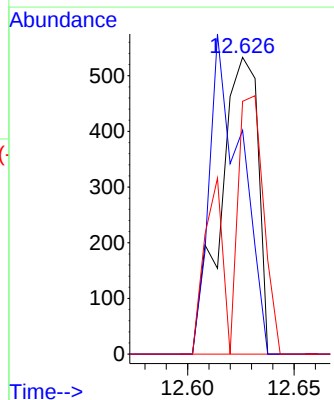
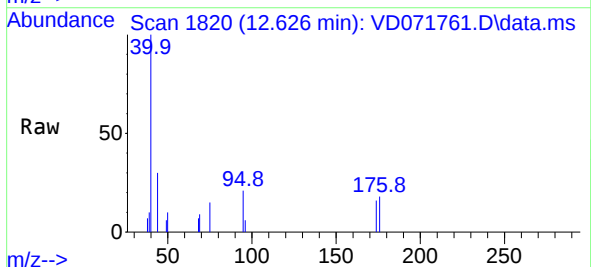
Instrument :
MSVOA_D
ClientSampleId :
CL-02-011922RE

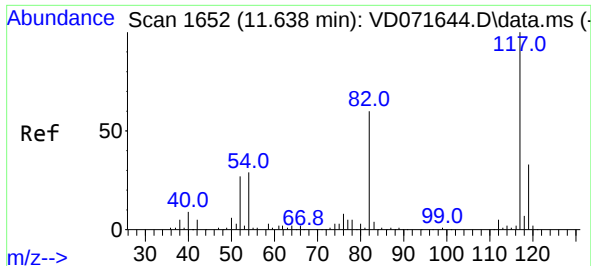
Tgt Ion: 98 Resp: 4188
Ion Ratio Lower Upper
98 100
100 57.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 23.845 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071761.D
Acq: 20 Jan 2022 14:05

Tgt Ion: 95 Resp: 650
Ion Ratio Lower Upper
95 100
174 92.2 0.0 150.0
176 87.8 0.0 146.4

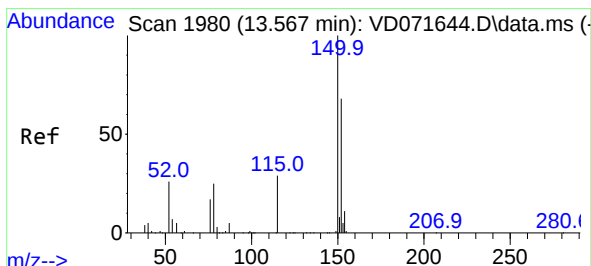
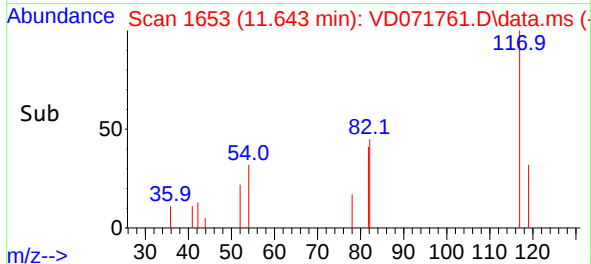
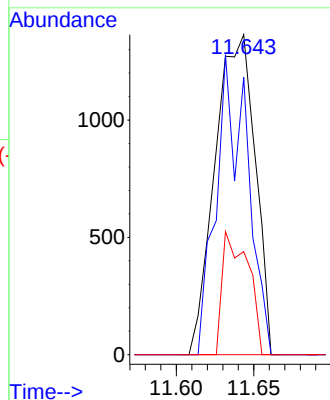
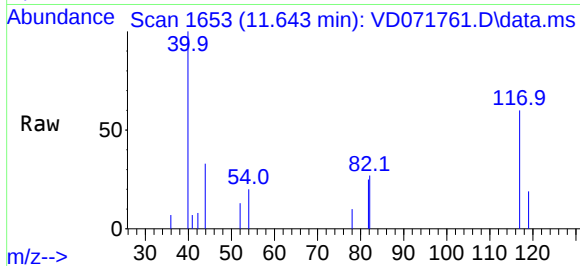




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD071761.D
Acq: 20 Jan 2022 14:05

Instrument :
MSVOA_D
ClientSampleId :
CL-02-011922RE

Tgt Ion:117 Resp: 2447
Ion Ratio Lower Upper
117 100
82 86.7 46.9 70.3#
119 32.2 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: VD071761.D
Acq: 20 Jan 2022 14:05

Tgt Ion:152 Resp: 488
Ion Ratio Lower Upper
152 100
115 83.4 31.5 94.5
150 179.3 0.0 348.0

