

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
 Data File : VD073533.D
 Acq On : 10 Jun 2022 17:31
 Operator : VA/SY
 Sample : N3299-06
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-18

Quant Time: Jun 10 23:06:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

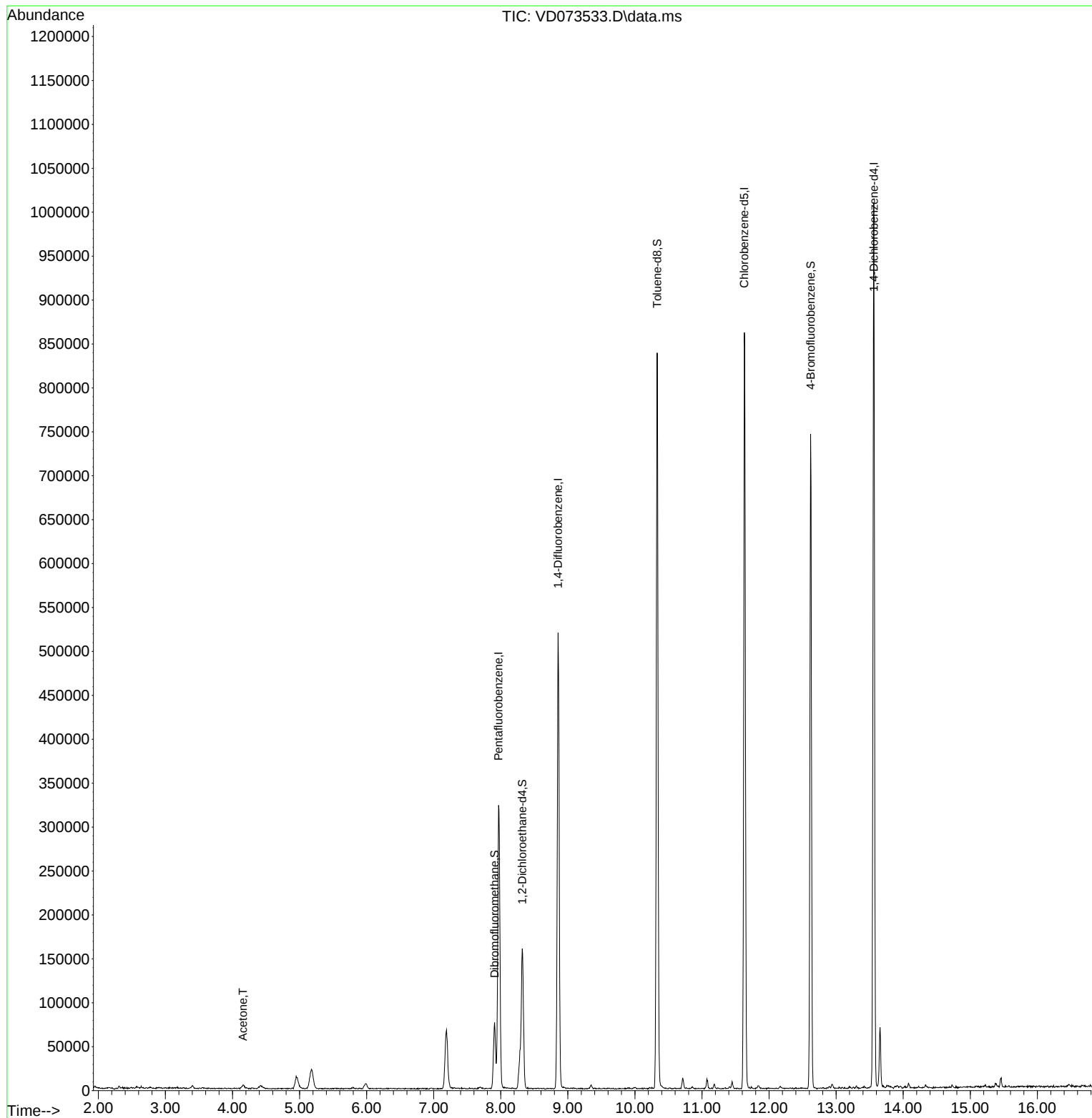
Internal Standards						
1) Pentafluorobenzene	7.967	168	239839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	441119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	512868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	127324	49.469	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.940%
35) Dibromofluoromethane	7.908	113	52884	18.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	37.280%#
50) Toluene-d8	10.332	98	563184	52.513	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.020%
62) 4-Bromofluorobenzene	12.620	95	241978	62.151	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.300%
Target Compounds						
16) Acetone	4.156	43	7578	16.722	ug/l	Qvalue 90

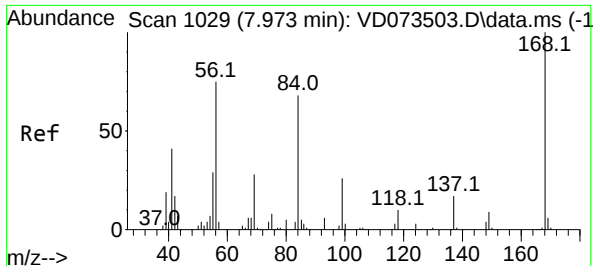
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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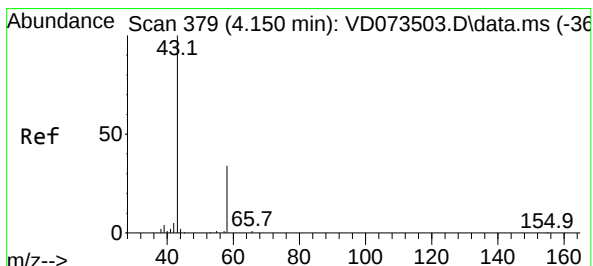
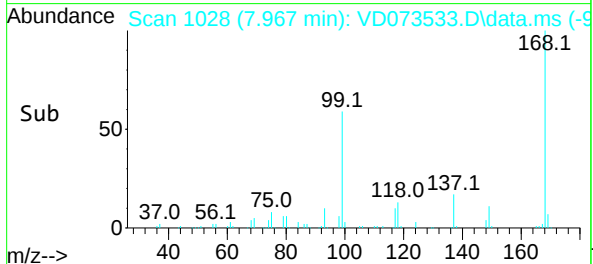
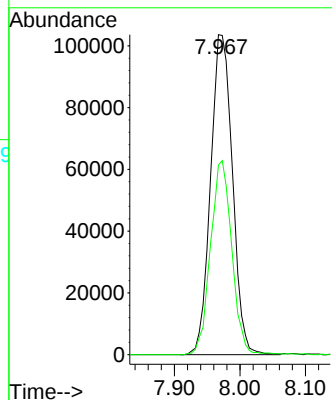
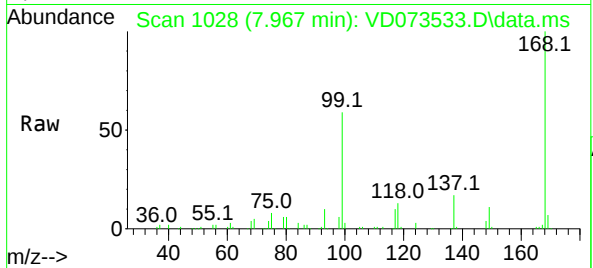




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073533.D
Acq: 10 Jun 2022 17:31

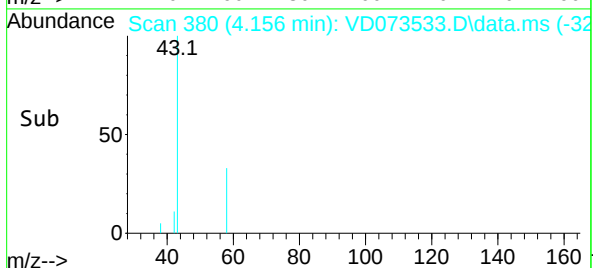
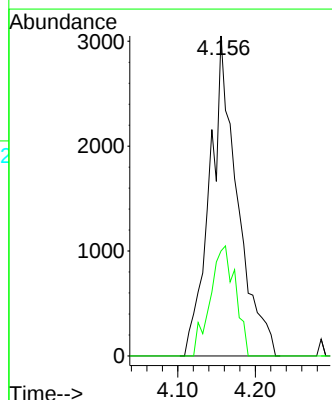
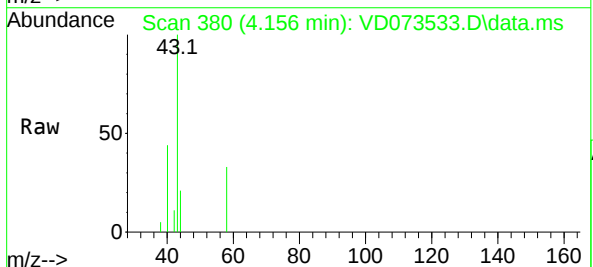
Instrument :
MSVOA_D
ClientSampleId :
SC-18

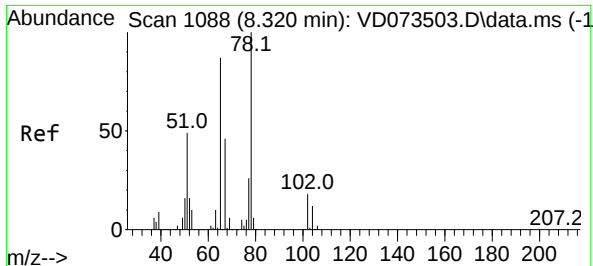
Tgt Ion:168 Resp: 239839
Ion Ratio Lower Upper
168 100
99 59.2 49.8 74.6



#16
Acetone
Concen: 16.722 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073533.D
Acq: 10 Jun 2022 17:31

Tgt Ion: 43 Resp: 7578
Ion Ratio Lower Upper
43 100
58 32.8 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 49.469 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073533.D

Acq: 10 Jun 2022 17:31

Instrument :

MSVOA_D

ClientSampleId :

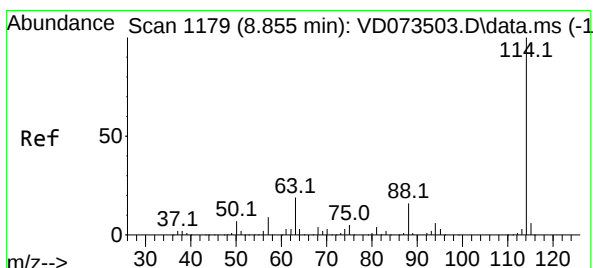
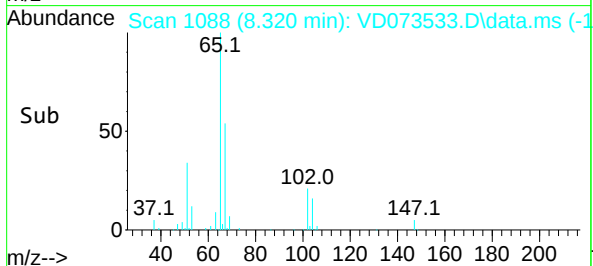
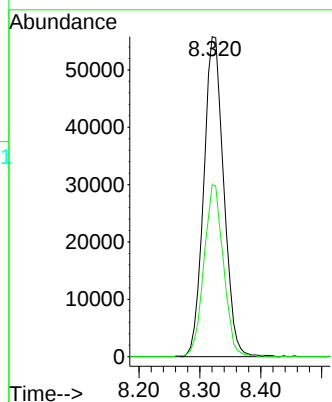
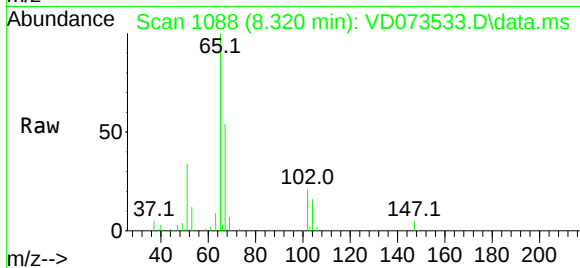
SC-18

Tgt Ion: 65 Resp: 127324

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073533.D

Acq: 10 Jun 2022 17:31

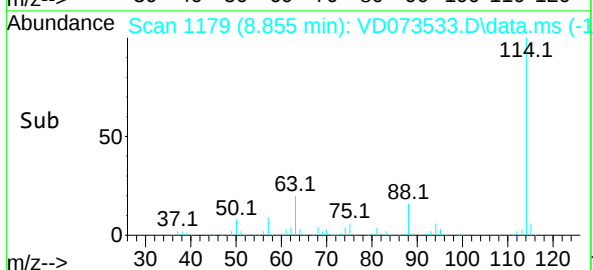
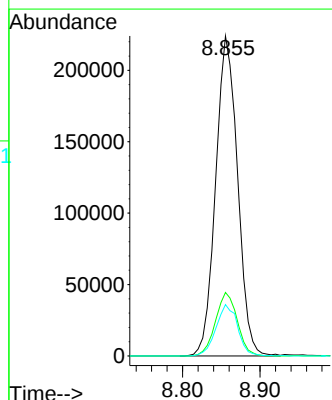
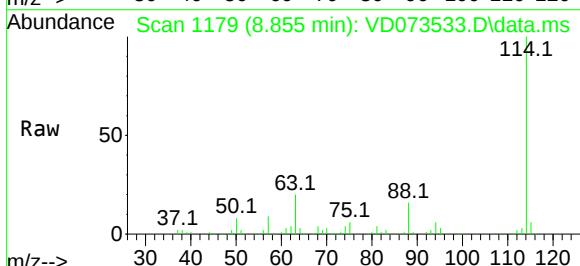
Tgt Ion: 114 Resp: 441119

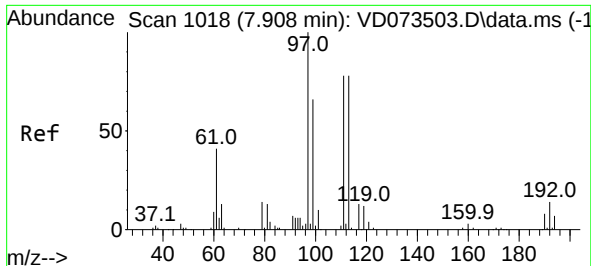
Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 16.0 0.0 33.2

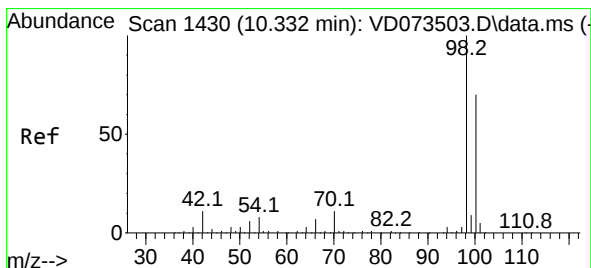
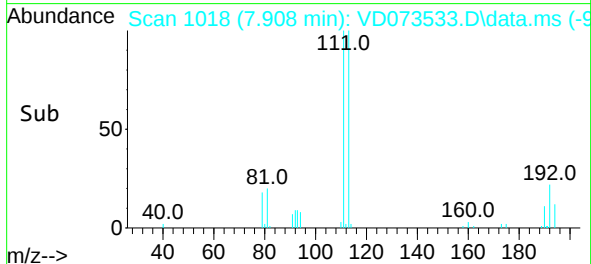
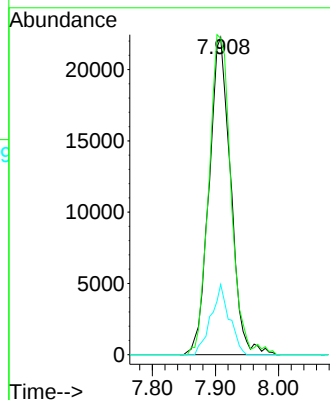
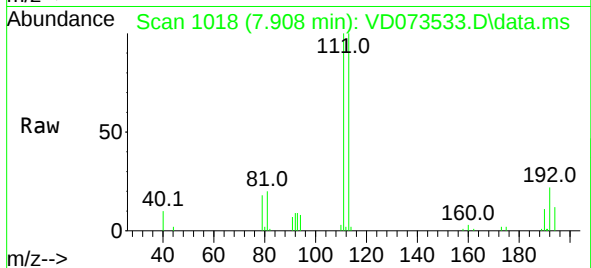




#35
Dibromofluoromethane
Concen: 18.644 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073533.D
Acq: 10 Jun 2022 17:31

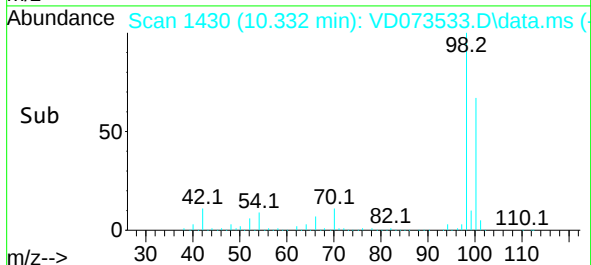
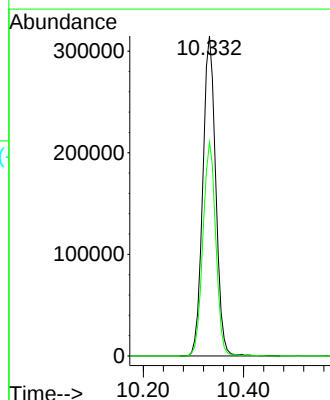
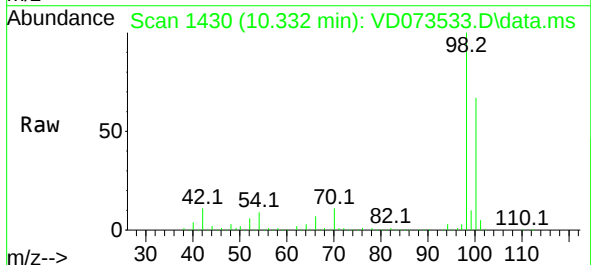
Instrument :
MSVOA_D
ClientSampleId :
SC-18

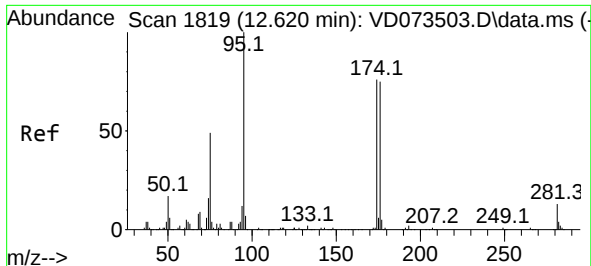
Tgt Ion:113 Resp: 52884
Ion Ratio Lower Upper
113 100
111 102.0 83.8 125.6
192 18.8 14.6 21.8



#50
Toluene-d8
Concen: 52.513 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073533.D
Acq: 10 Jun 2022 17:31

Tgt Ion: 98 Resp: 563184
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

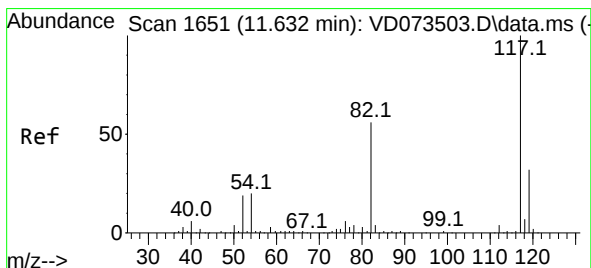
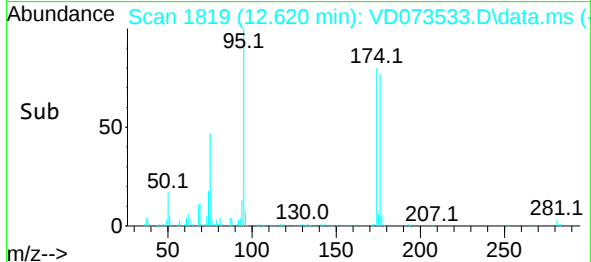
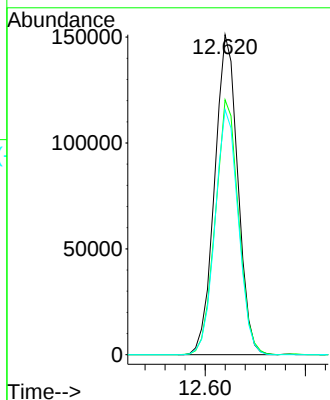
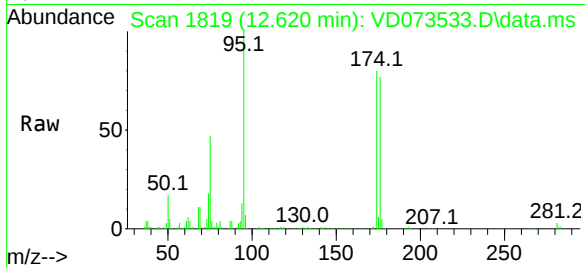




#62
4-Bromofluorobenzene
Concen: 62.151 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073533.D
Acq: 10 Jun 2022 17:31

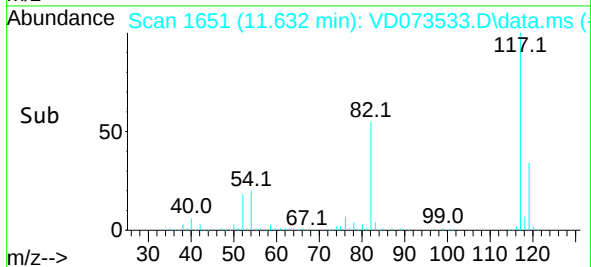
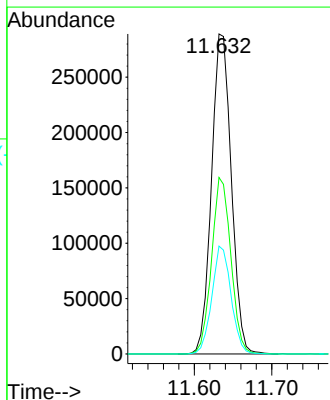
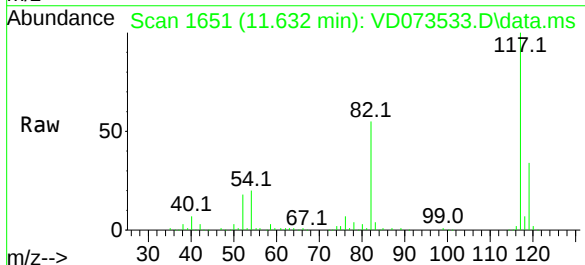
Instrument :
MSVOA_D
ClientSampleId :
SC-18

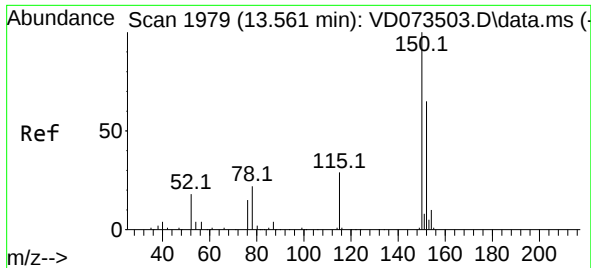
Tgt Ion: 95 Resp: 241978
Ion Ratio Lower Upper
95 100
174 79.8 0.0 152.8
176 77.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073533.D
Acq: 10 Jun 2022 17:31

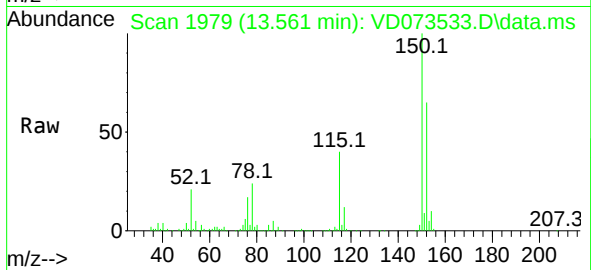
Tgt Ion: 117 Resp: 512868
Ion Ratio Lower Upper
117 100
82 55.1 45.3 67.9
119 33.7 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073533.D
 Acq: 10 Jun 2022 17:31

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-18



Tgt Ion:152 Resp: 264539
 Ion Ratio Lower Upper
 152 100
 115 60.7 31.3 93.8
 150 158.4 0.0 348.6

