

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
 Data File : VD073531.D
 Acq On : 10 Jun 2022 16:33
 Operator : VA/SY
 Sample : N3299-03
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-15

Quant Time: Jun 10 23:06:32 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)

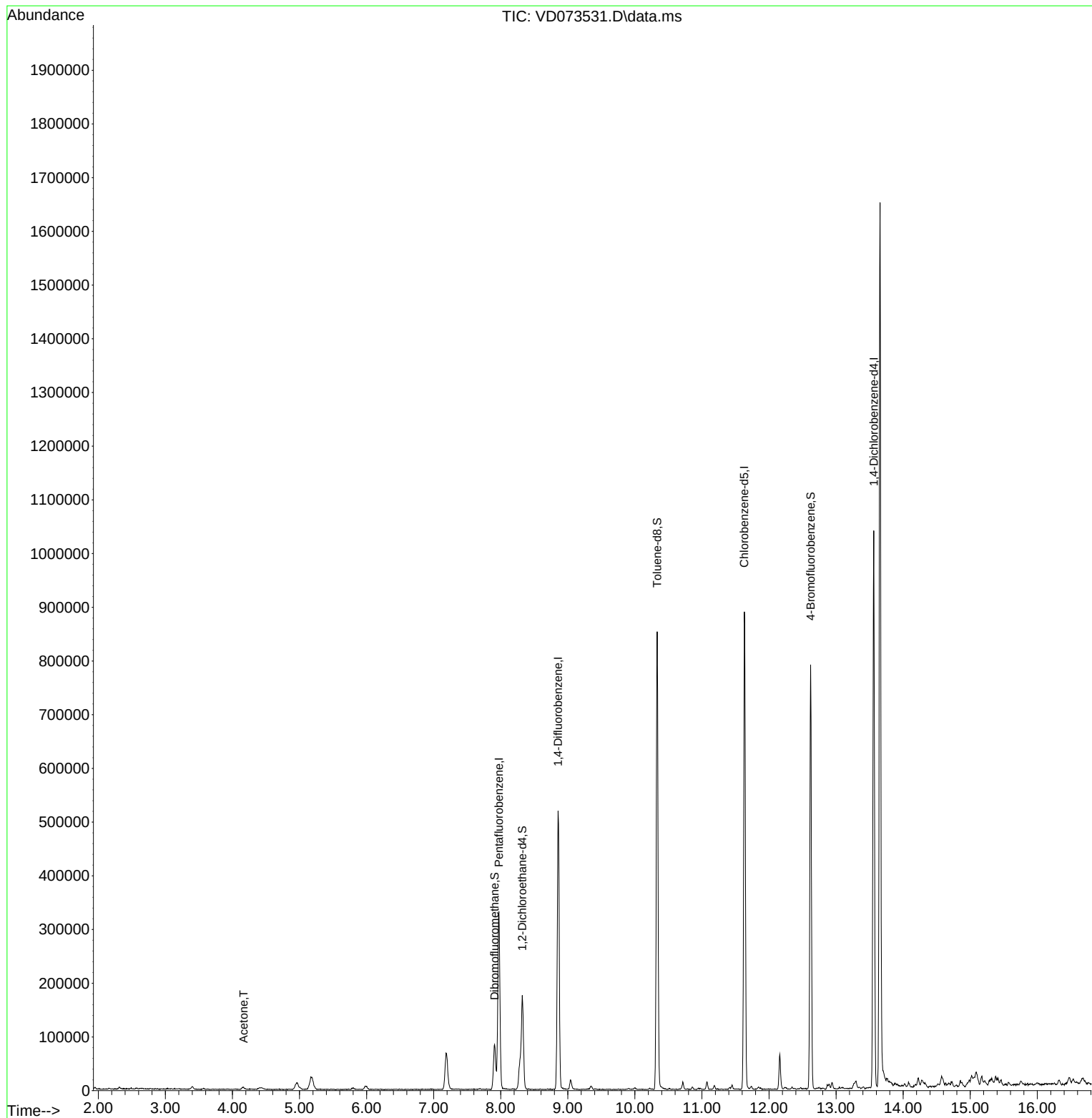
Internal Standards						
1) Pentafluorobenzene	7.973	168	239810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	453337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	531809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	277601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	134736	52.355	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 104.720%		
35) Dibromofluoromethane	7.909	113	58975	20.231	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 40.460%#		
50) Toluene-d8	10.332	98	580134	52.635	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 105.280%		
62) 4-Bromofluorobenzene	12.620	95	259980	64.976	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 129.960%		
Target Compounds						
16) Acetone	4.168	43	7350	16.221	ug/l	Qvalue 98

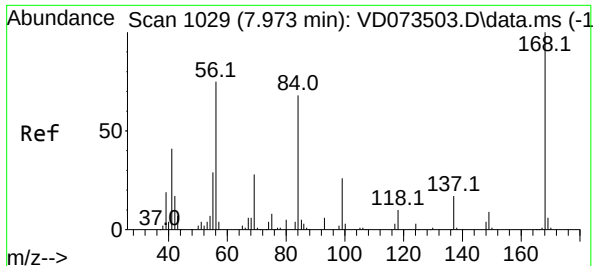
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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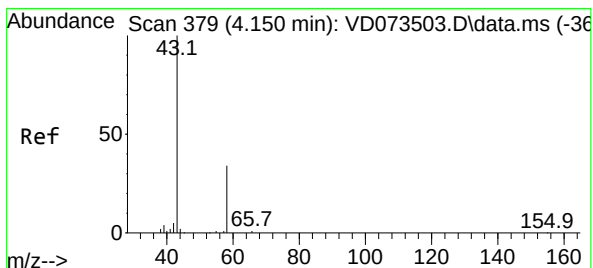
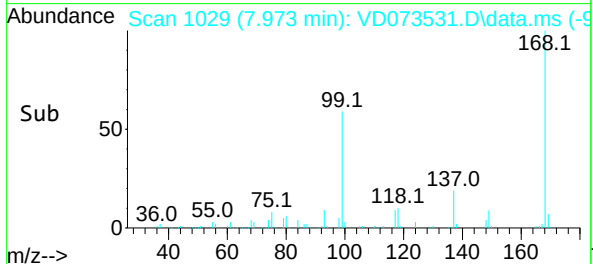
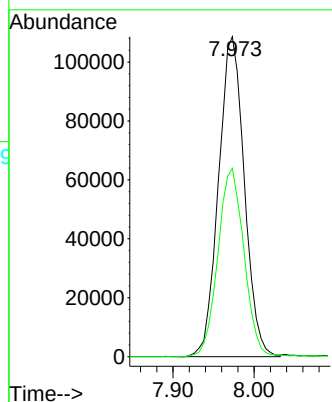
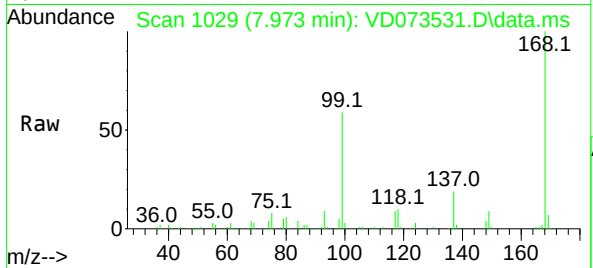




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073531.D
Acq: 10 Jun 2022 16:33

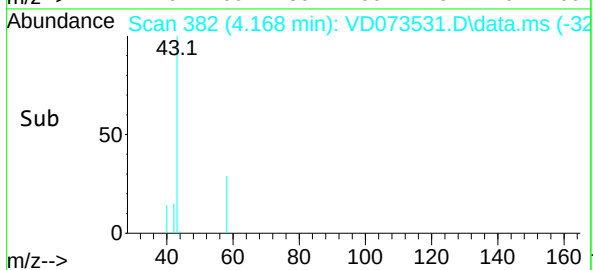
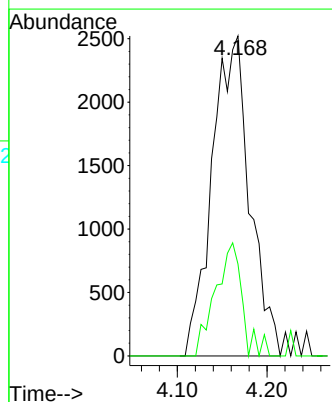
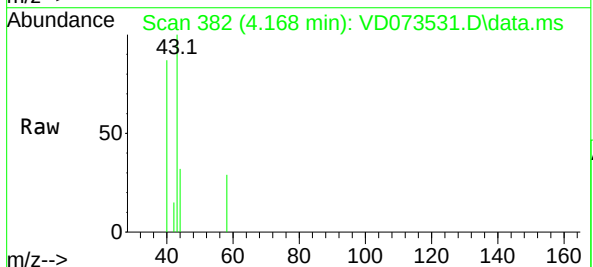
Instrument :
MSVOA_D
ClientSampleId :
SC-15

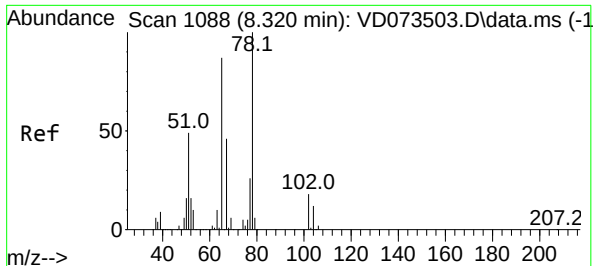
Tgt Ion:168 Resp: 239810
Ion Ratio Lower Upper
168 100
99 58.9 49.8 74.6



#16
Acetone
Concen: 16.221 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.018 min
Lab File: VD073531.D
Acq: 10 Jun 2022 16:33

Tgt Ion: 43 Resp: 7350
Ion Ratio Lower Upper
43 100
58 28.7 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 52.355 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073531.D

Acq: 10 Jun 2022 16:33

Instrument :

MSVOA_D

ClientSampleId :

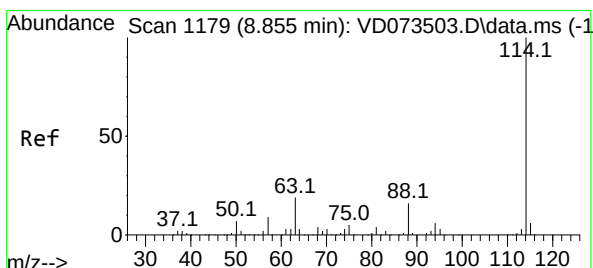
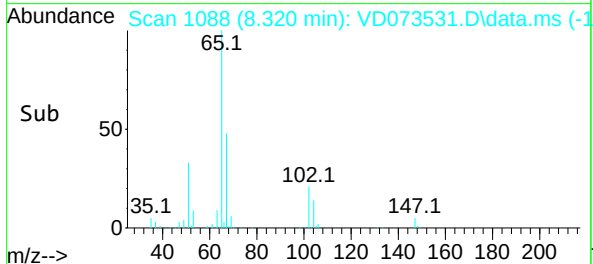
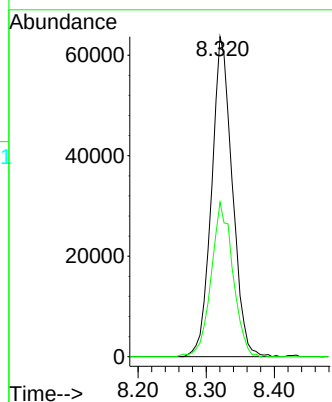
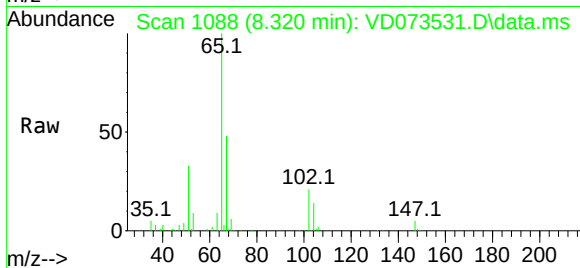
SC-15

Tgt Ion: 65 Resp: 134736

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073531.D

Acq: 10 Jun 2022 16:33

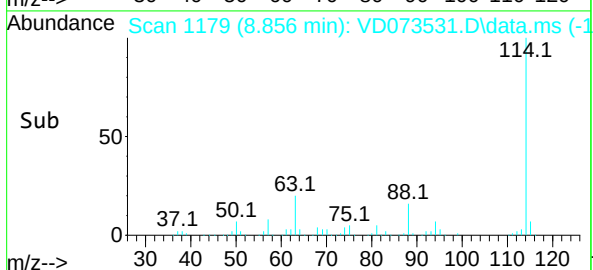
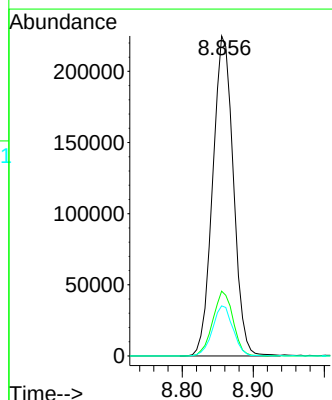
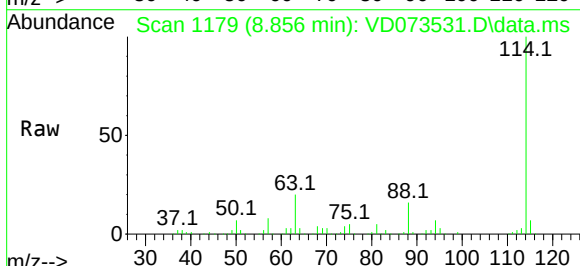
Tgt Ion: 114 Resp: 453337

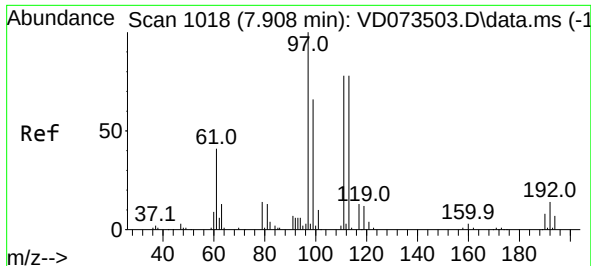
Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 15.7 0.0 33.2

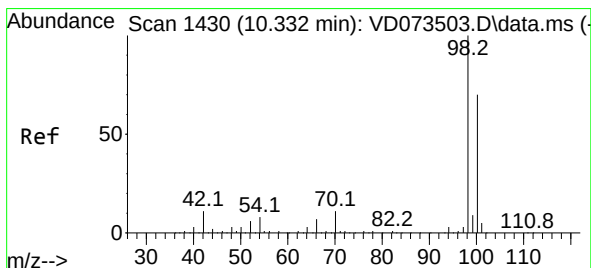
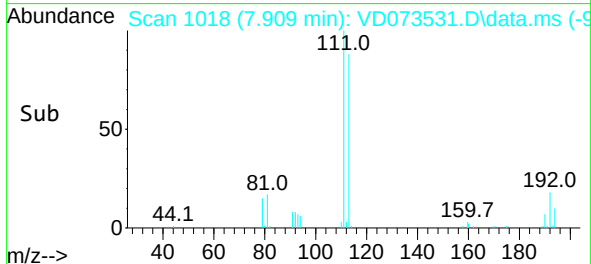
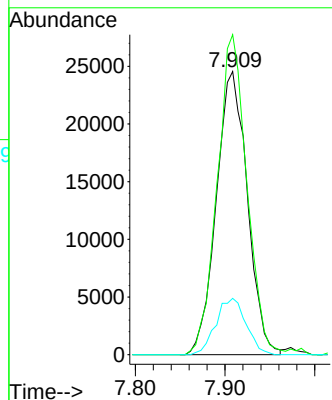
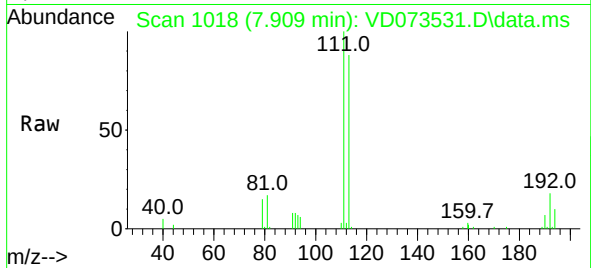




#35
Dibromofluoromethane
Concen: 20.231 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.001 min
Lab File: VD073531.D
Acq: 10 Jun 2022 16:33

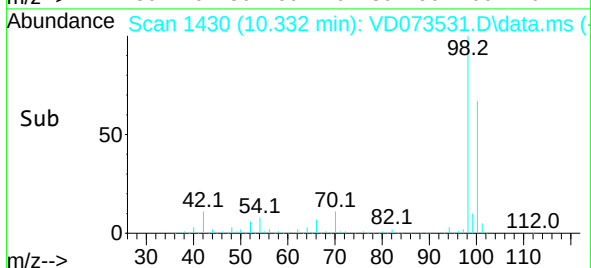
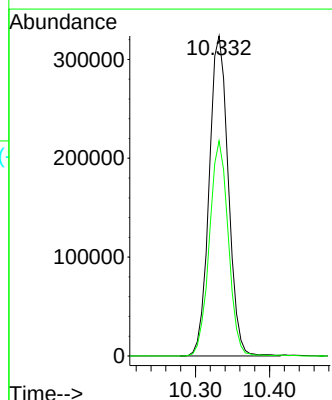
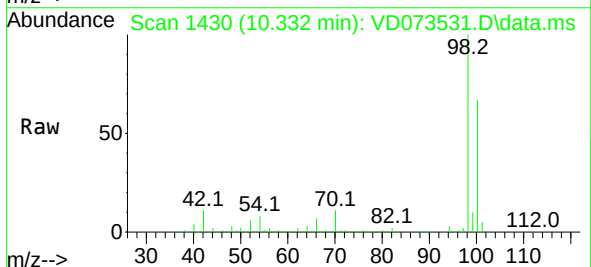
Instrument :
MSVOA_D
ClientSampleId :
SC-15

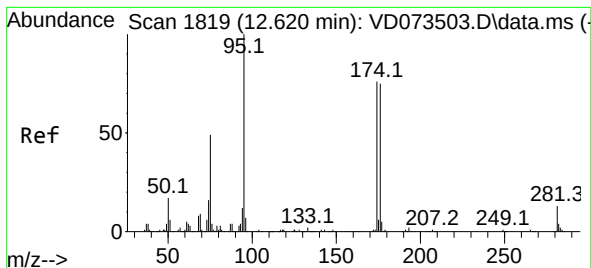
Tgt Ion:113 Resp: 58975
Ion Ratio Lower Upper
113 100
111 107.8 83.8 125.6
192 19.4 14.6 21.8



#50
Toluene-d8
Concen: 52.635 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073531.D
Acq: 10 Jun 2022 16:33

Tgt Ion: 98 Resp: 580134
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

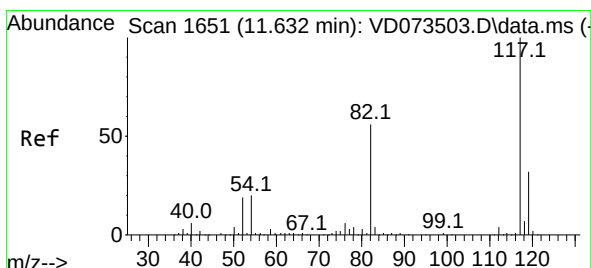
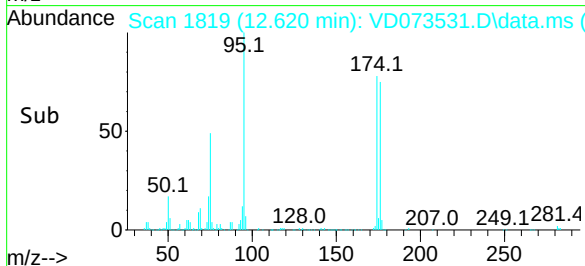
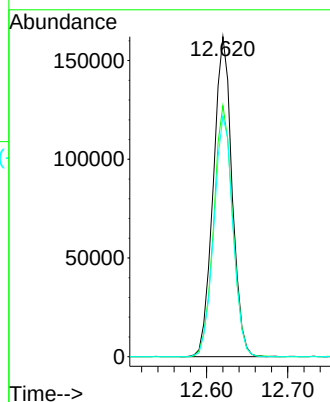
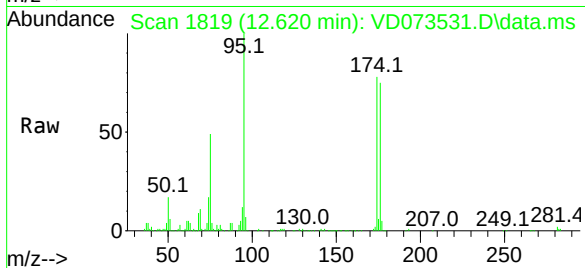




#62
4-Bromofluorobenzene
Concen: 64.976 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073531.D
Acq: 10 Jun 2022 16:33

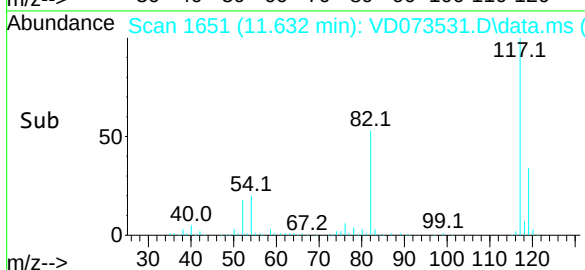
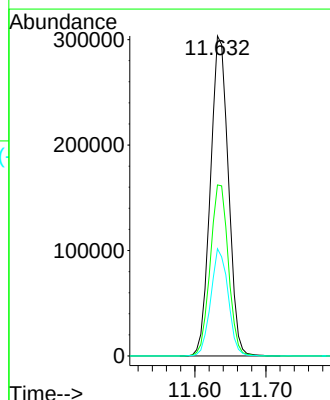
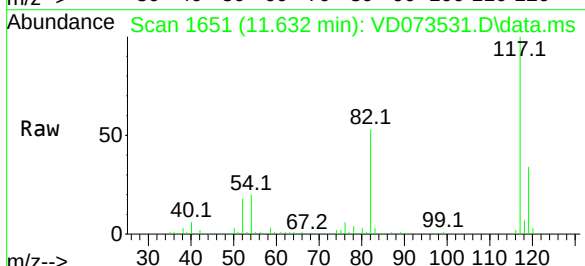
Instrument :
MSVOA_D
ClientSampleId :
SC-15

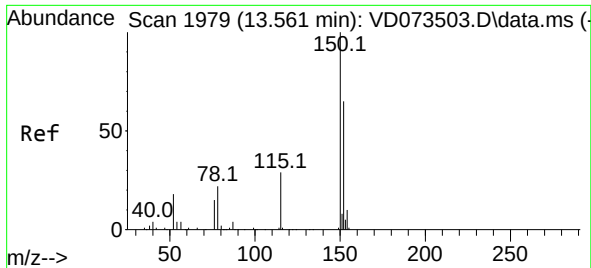
Tgt Ion: 95 Resp: 259980
Ion Ratio Lower Upper
95 100
174 79.4 0.0 152.8
176 76.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073531.D
Acq: 10 Jun 2022 16:33

Tgt Ion: 117 Resp: 531809
Ion Ratio Lower Upper
117 100
82 53.5 45.3 67.9
119 33.5 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: VD073531.D
 Acq: 10 Jun 2022 16:33

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-15

Tgt Ion:152 Resp: 277601
 Ion Ratio Lower Upper
 152 100
 115 60.7 31.3 93.8
 150 160.1 0.0 348.6

