

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
 Data File : VD073522.D
 Acq On : 10 Jun 2022 12:11
 Operator : VA/SY
 Sample : VD0610SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0610SBL01

Quant Time: Jun 10 23:50:43 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)

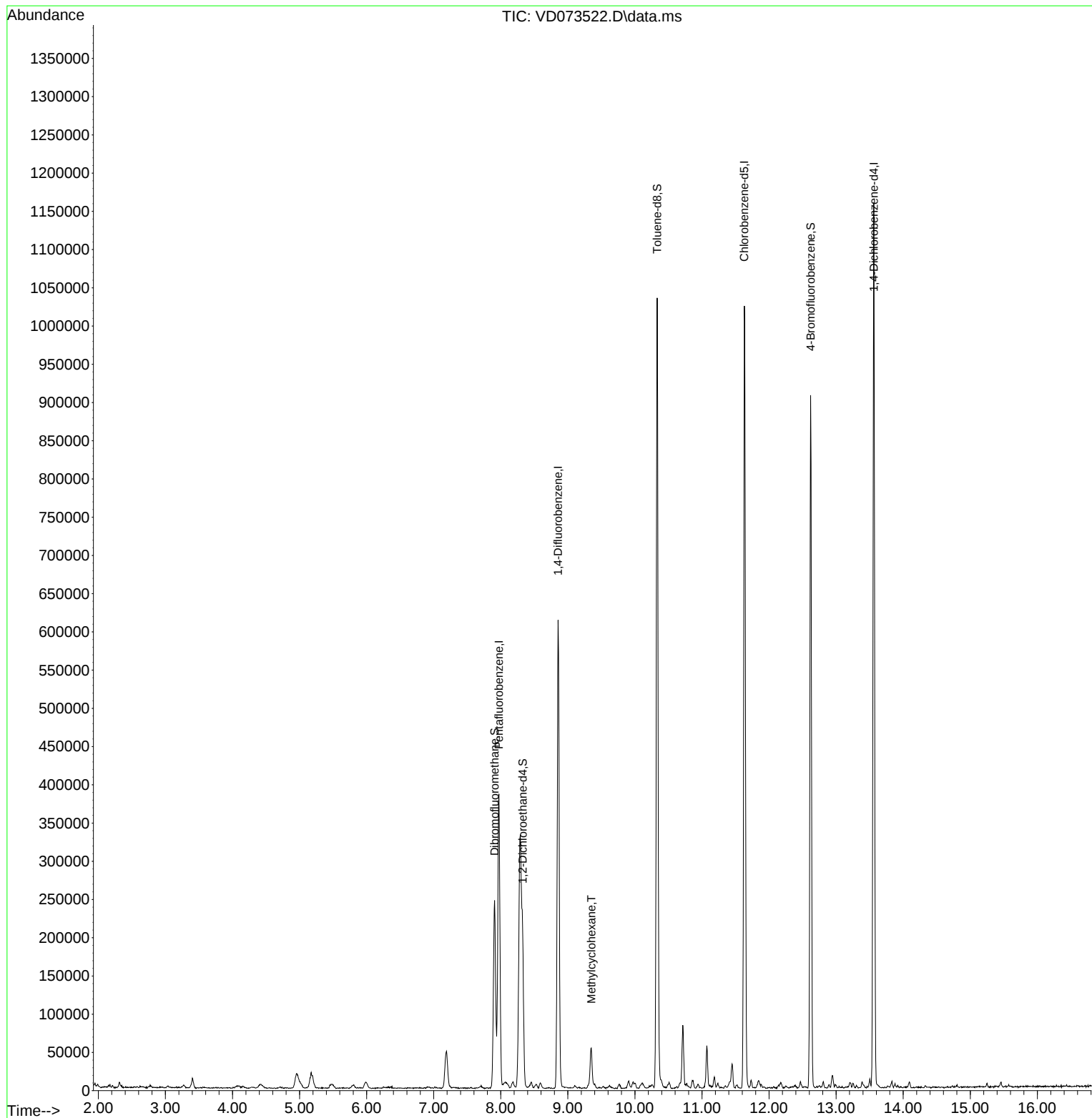
Internal Standards						
1) Pentafluorobenzene	7.973	168	277921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	540678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	625749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	313365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	154227	51.711	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.420%	
35) Dibromofluoromethane	7.908	113	175963	50.611	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.220%	
50) Toluene-d8	10.332	98	688784	52.398	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.800%	
62) 4-Bromofluorobenzene	12.620	95	298296	62.509	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 125.020%	
Target Compounds						
39) Methylcyclohexane	9.349	83	20508	3.370	ug/l	Qvalue 89

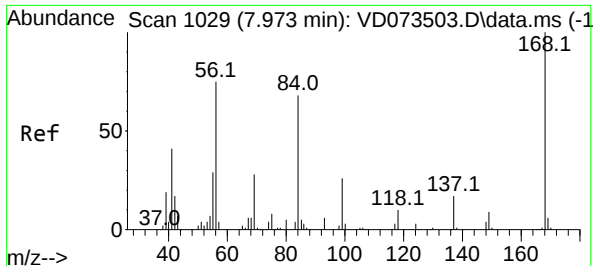
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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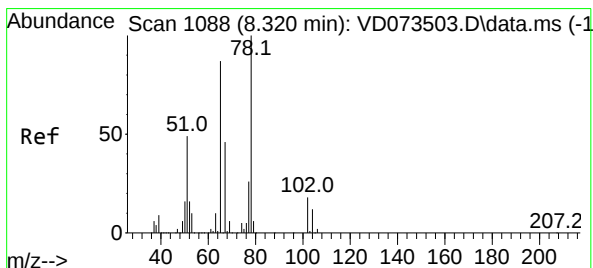
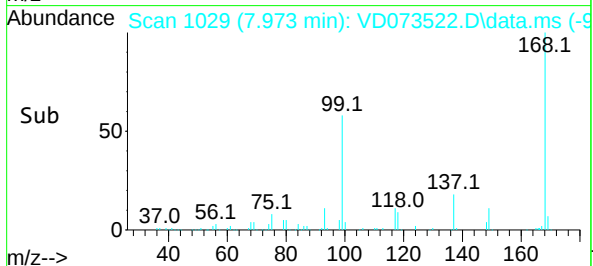
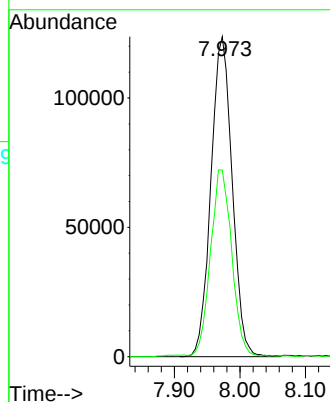
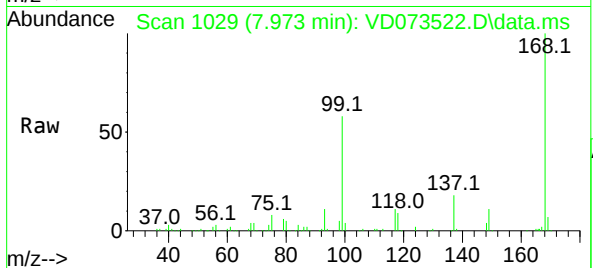




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073522.D
Acq: 10 Jun 2022 12:11

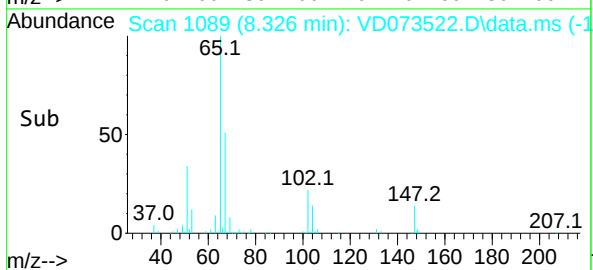
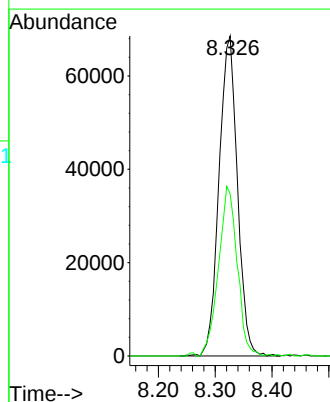
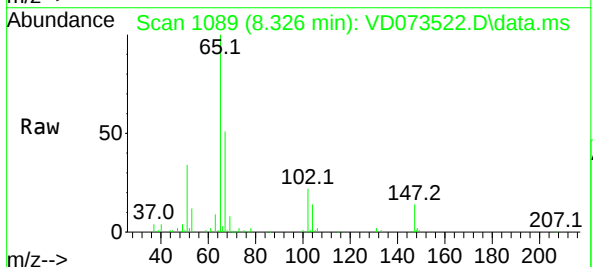
Instrument :
MSVOA_D
ClientSampleId :
VD0610SBL01

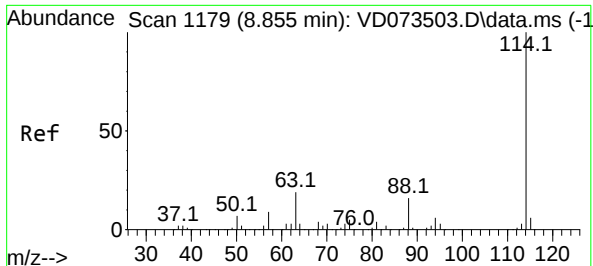
Tgt Ion:168 Resp: 277921
Ion Ratio Lower Upper
168 100
99 58.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 51.711 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073522.D
Acq: 10 Jun 2022 12:11

Tgt Ion: 65 Resp: 154227
Ion Ratio Lower Upper
65 100
67 53.8 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: VD073522.D

Acq: 10 Jun 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

VD0610SBL01

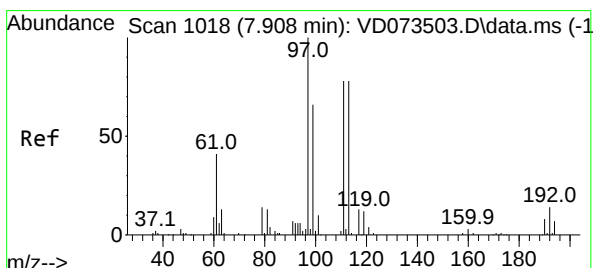
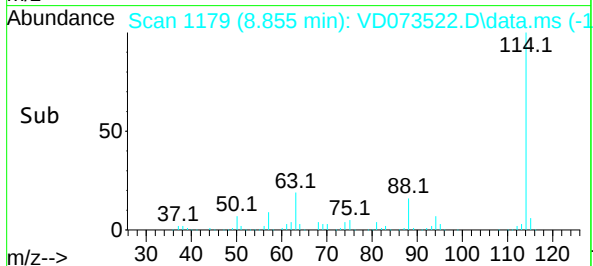
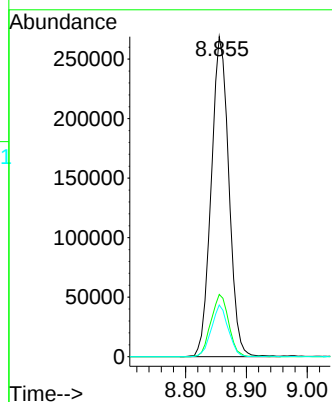
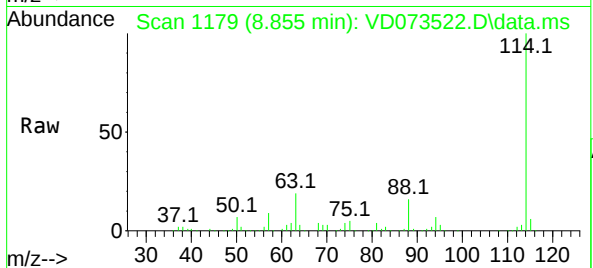
Tgt Ion:114 Resp: 540678

Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.611 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073522.D

Acq: 10 Jun 2022 12:11

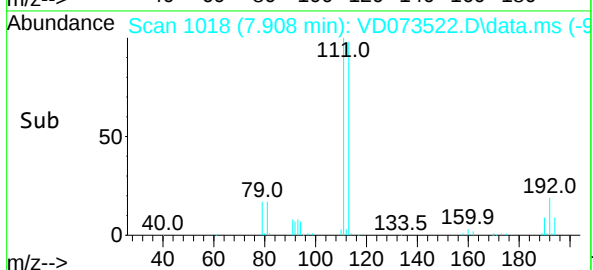
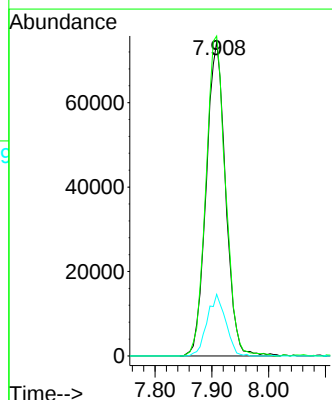
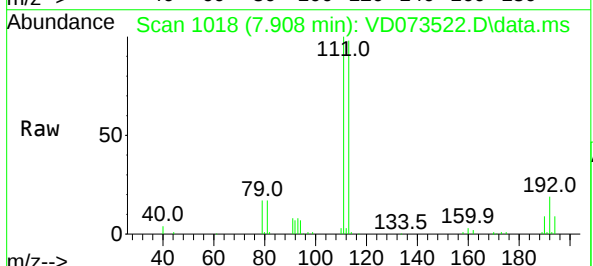
Tgt Ion:113 Resp: 175963

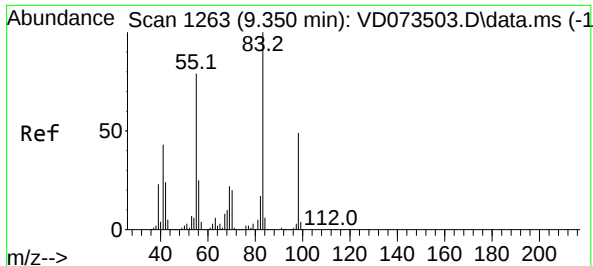
Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 18.8 14.6 21.8





#39

Methylcyclohexane

Concen: 3.370 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073522.D

Acq: 10 Jun 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

VD0610SBL01

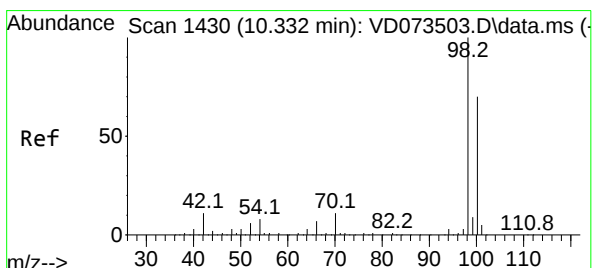
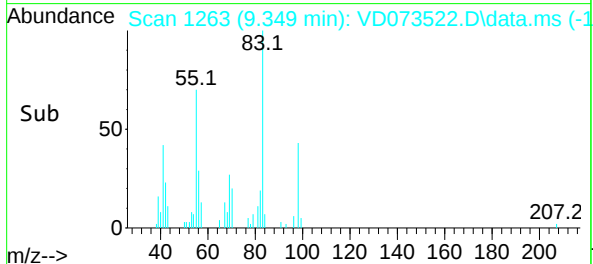
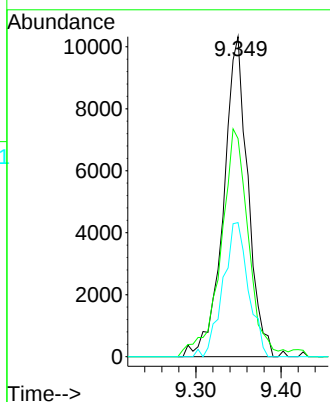
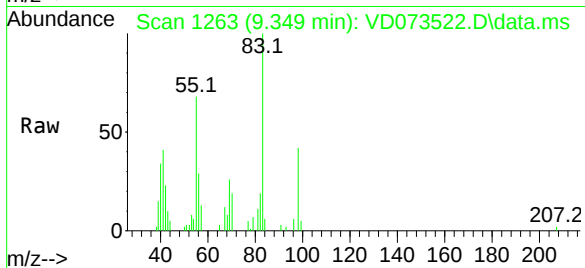
Tgt Ion: 83 Resp: 20508

Ion Ratio Lower Upper

83 100

55 68.2 63.2 94.8

98 41.9 38.2 57.4



#50

Toluene-d8

Concen: 52.398 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073522.D

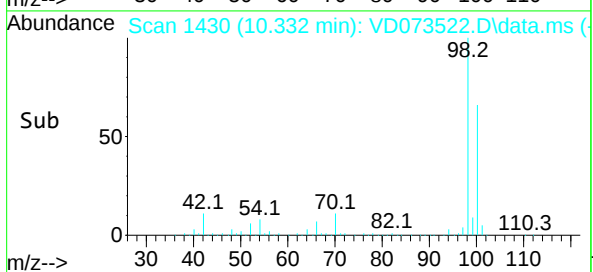
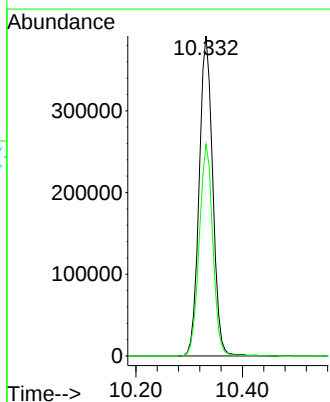
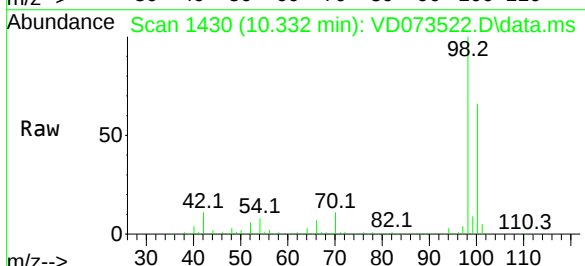
Acq: 10 Jun 2022 12:11

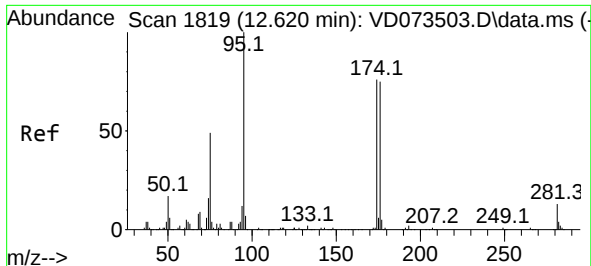
Tgt Ion: 98 Resp: 688784

Ion Ratio Lower Upper

98 100

100 66.4 52.4 78.6

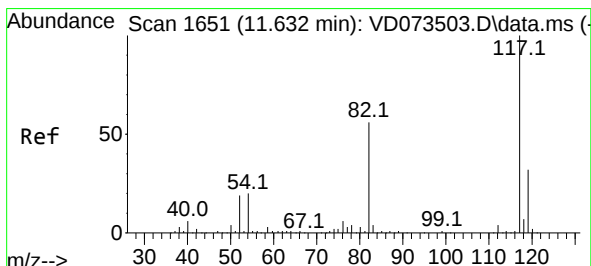
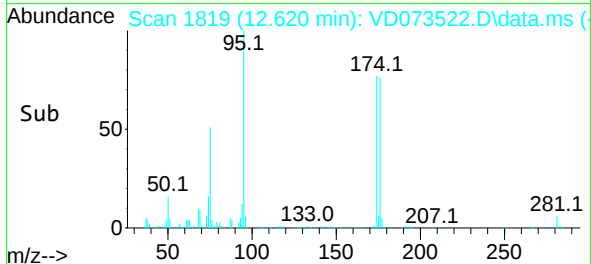
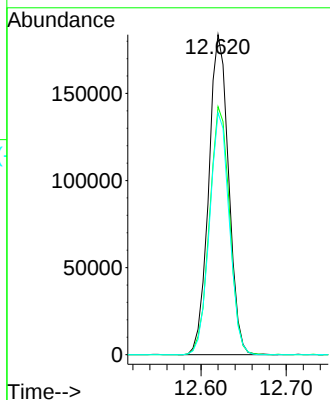
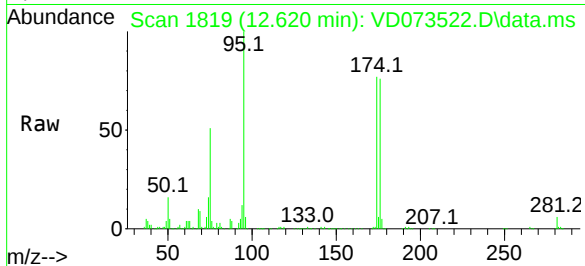




#62
4-Bromofluorobenzene
Concen: 62.509 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073522.D
Acq: 10 Jun 2022 12:11

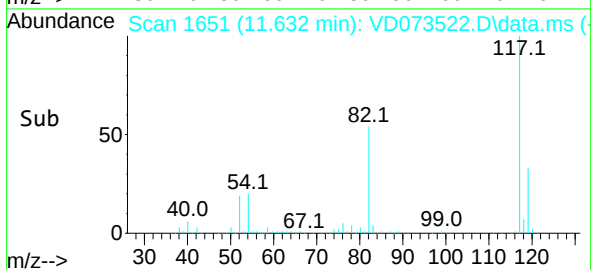
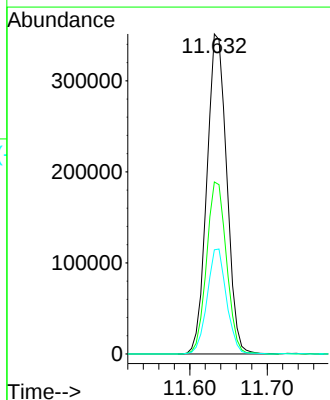
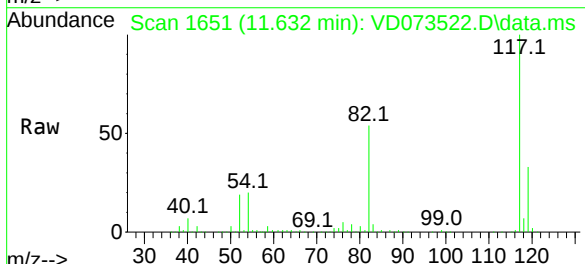
Instrument :
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VD0610SBL01

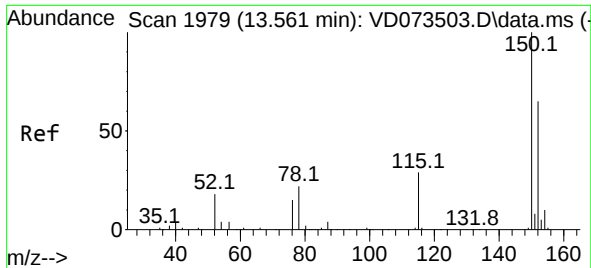
Tgt Ion: 95 Resp: 298296
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.8
176 75.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073522.D
Acq: 10 Jun 2022 12:11

Tgt Ion: 117 Resp: 625749
Ion Ratio Lower Upper
117 100
82 53.7 45.3 67.9
119 32.6 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: VD073522.D

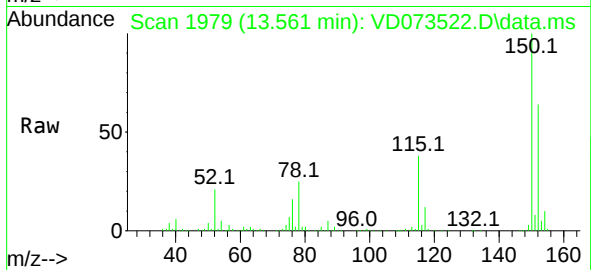
Acq: 10 Jun 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

VD0610SBL01



Tgt Ion:152 Resp: 313365

Ion Ratio Lower Upper

152 100

115 58.5 31.3 93.8

150 156.1 0.0 348.6

