

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
 Data File : VD073526.D
 Acq On : 10 Jun 2022 14:07
 Operator : VA/SY
 Sample : N3234-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RB-21499

Quant Time: Jun 10 23:05:48 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)

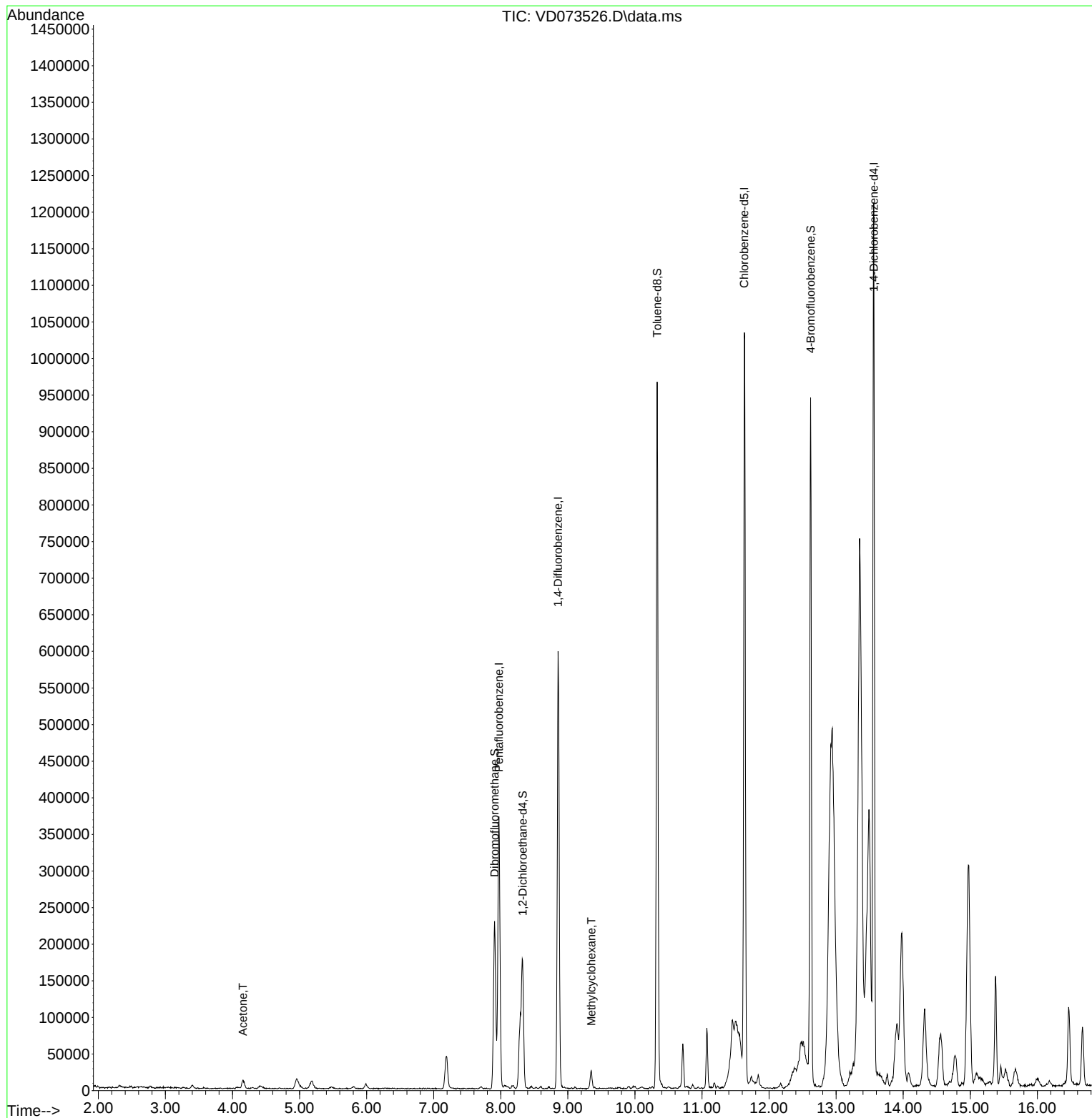
Internal Standards						
1) Pentafluorobenzene	7.973	168	271688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	520116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	614572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	333988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	134909	46.272	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.540%
35) Dibromofluoromethane	7.908	113	165893	49.601	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.200%
50) Toluene-d8	10.332	98	649061	51.328	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.660%
62) 4-Bromofluorobenzene	12.620	95	304151	66.255	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	132.520%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	20937	40.784	ug/l #	80
39) Methylcyclohexane	9.350	83	9013	1.540	ug/l #	92

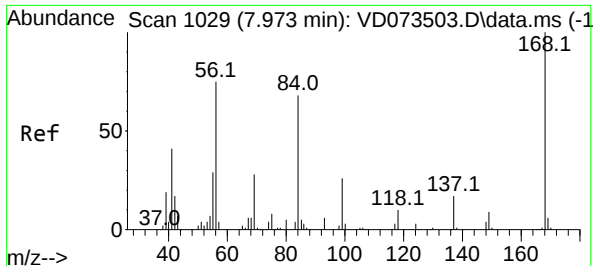
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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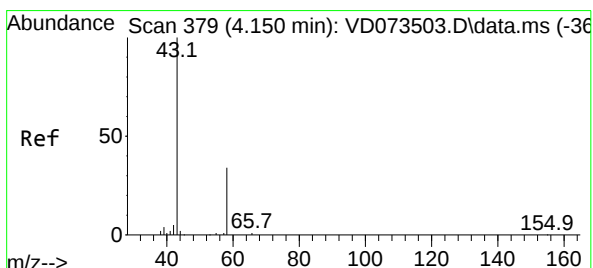
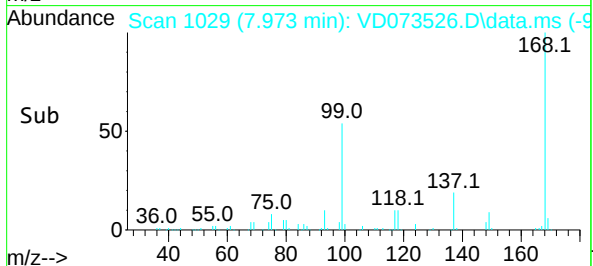
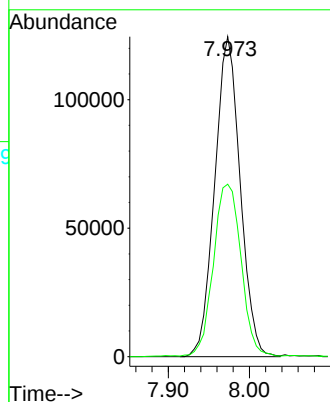
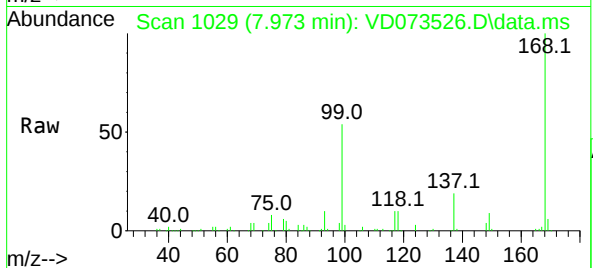




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073526.D
Acq: 10 Jun 2022 14:07

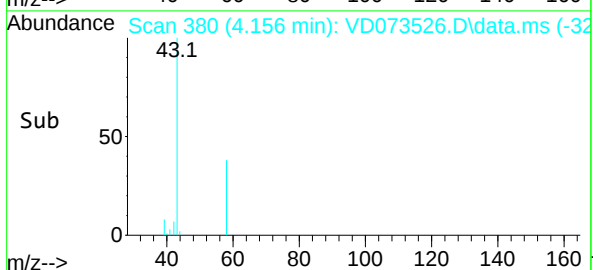
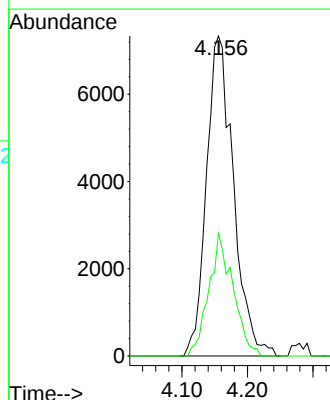
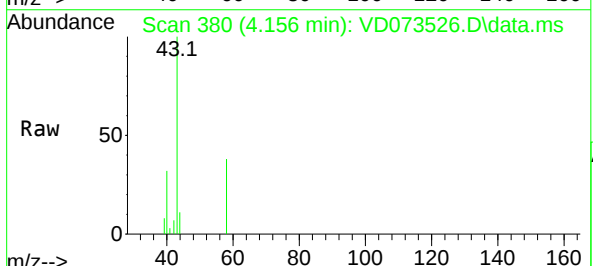
Instrument :
MSVOA_D
ClientSampleId :
RB-21499

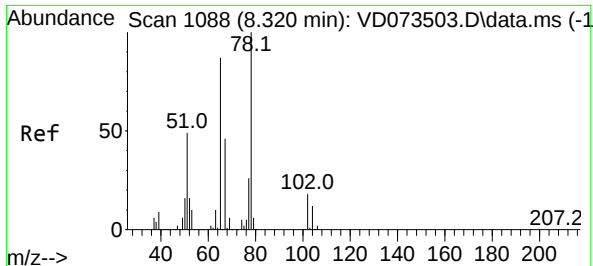
Tgt Ion:168 Resp: 271688
Ion Ratio Lower Upper
168 100
99 53.7 49.8 74.6



#16
Acetone
Concen: 40.784 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073526.D
Acq: 10 Jun 2022 14:07

Tgt Ion: 43 Resp: 20937
Ion Ratio Lower Upper
43 100
58 38.3 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 46.272 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073526.D

Acq: 10 Jun 2022 14:07

Instrument :

MSVOA_D

ClientSampleId :

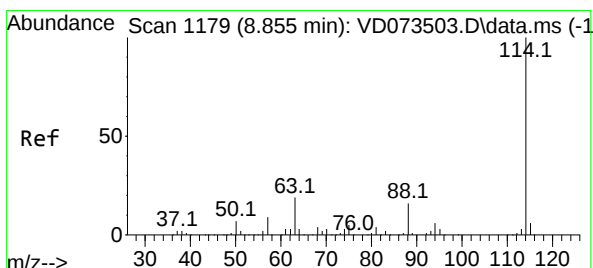
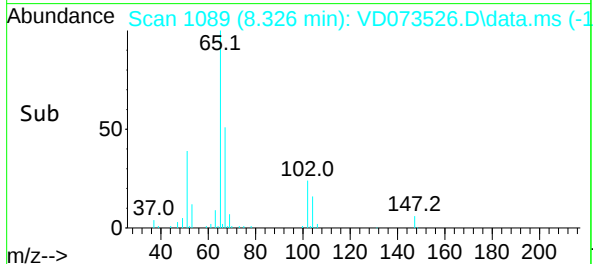
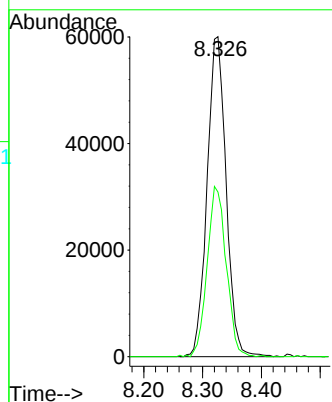
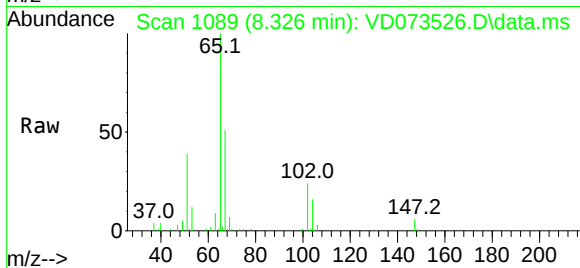
RB-21499

Tgt Ion: 65 Resp: 134909

Ion Ratio Lower Upper

65 100

67 53.2 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: VD073526.D

Acq: 10 Jun 2022 14:07

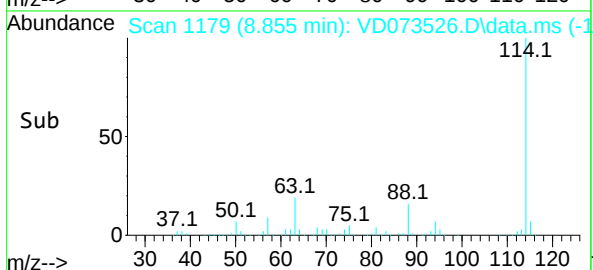
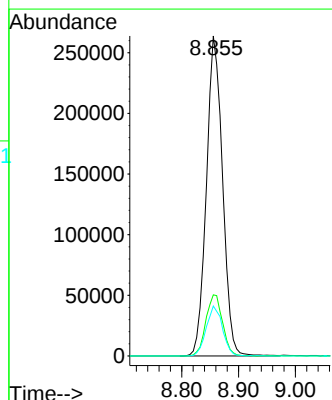
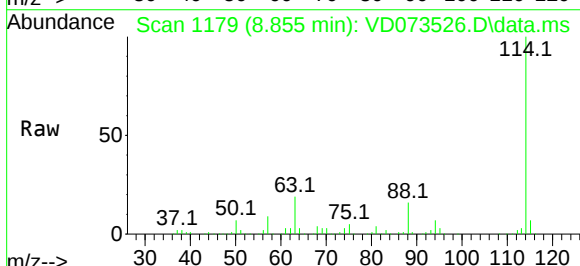
Tgt Ion: 114 Resp: 520116

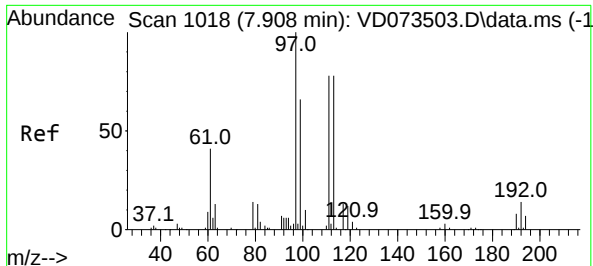
Ion Ratio Lower Upper

114 100

63 19.1 0.0 46.6

88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.601 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073526.D

Acq: 10 Jun 2022 14:07

Instrument :

MSVOA_D

ClientSampleId :

RB-21499

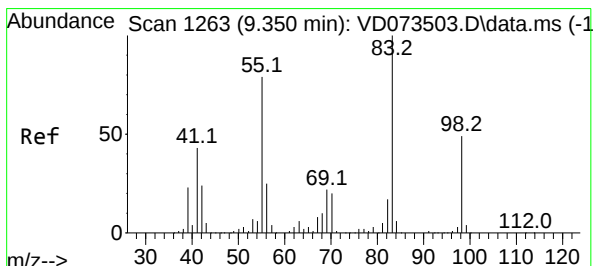
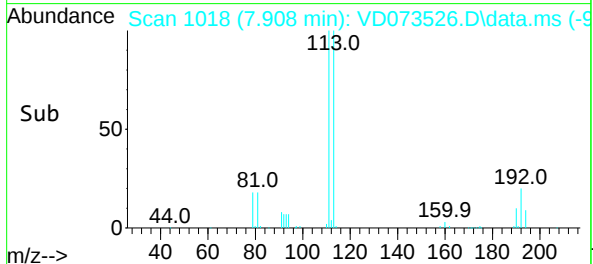
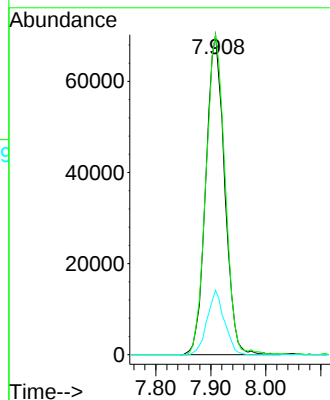
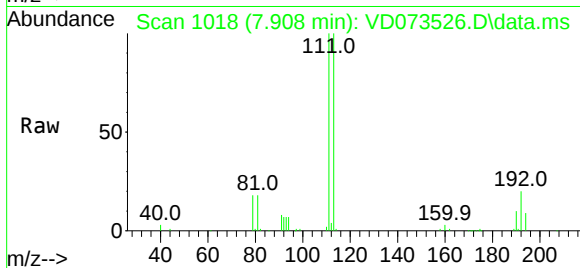
Tgt Ion:113 Resp: 165893

Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 18.5 14.6 21.8



#39

Methylcyclohexane

Concen: 1.540 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD073526.D

Acq: 10 Jun 2022 14:07

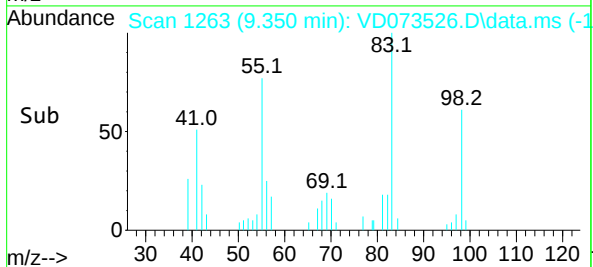
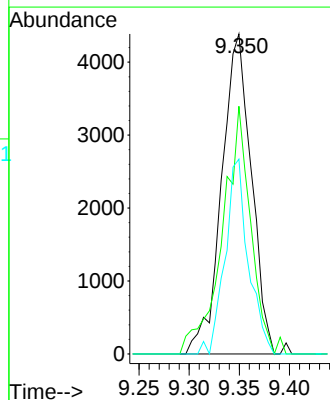
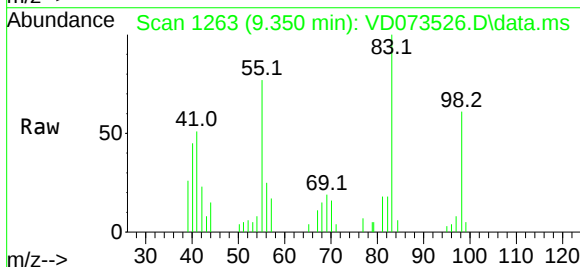
Tgt Ion: 83 Resp: 9013

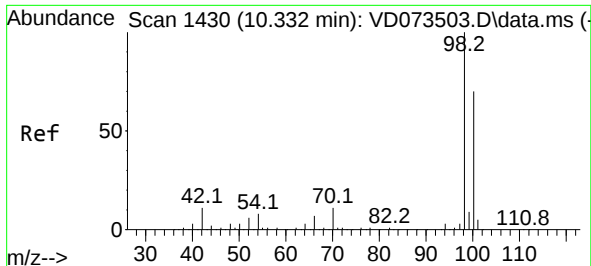
Ion Ratio Lower Upper

83 100

55 77.4 63.2 94.8

98 60.9 38.2 57.4#

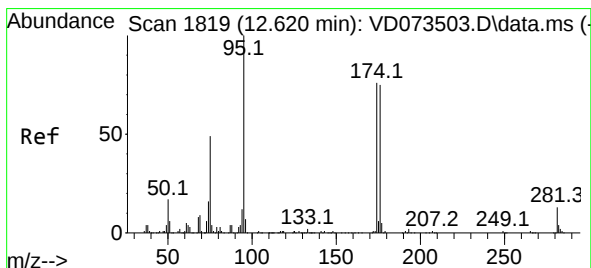
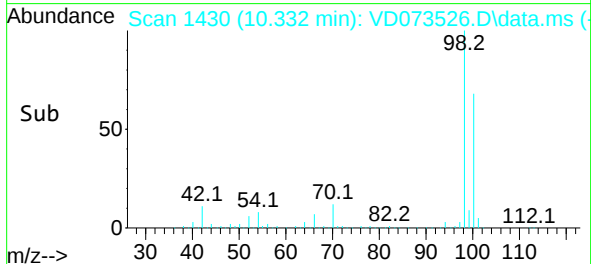
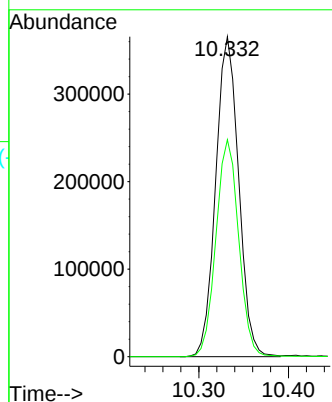
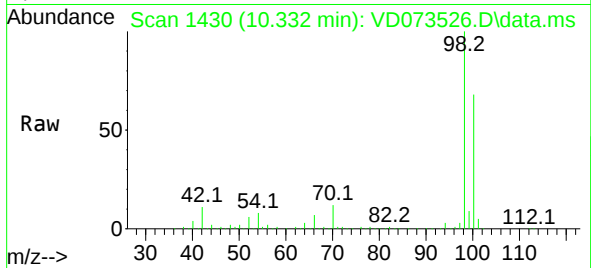




#50
Toluene-d8
Concen: 51.328 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073526.D
Acq: 10 Jun 2022 14:07

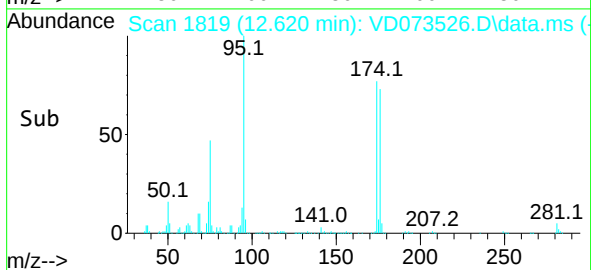
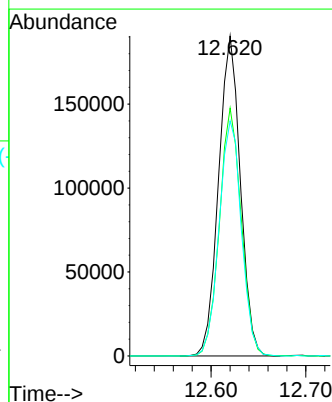
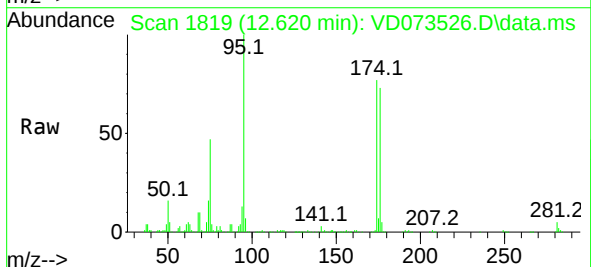
Instrument :
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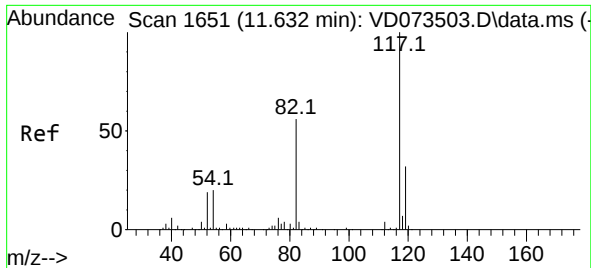
Tgt Ion: 98 Resp: 649061
Ion Ratio Lower Upper
98 100
100 67.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 66.255 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073526.D
Acq: 10 Jun 2022 14:07

Tgt Ion: 95 Resp: 304151
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 75.4 0.0 145.4

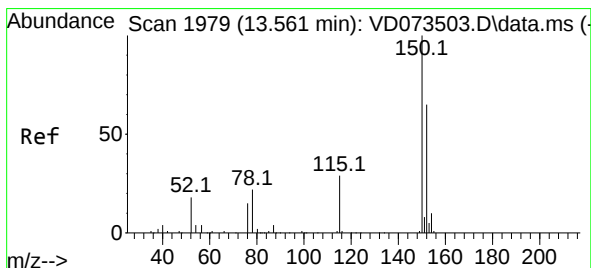
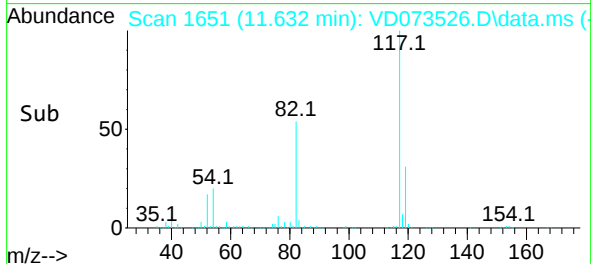
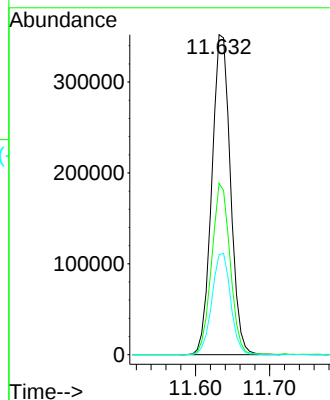
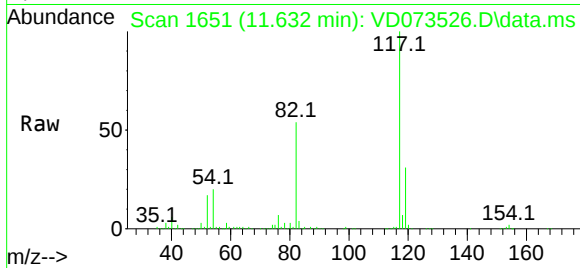




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073526.D
Acq: 10 Jun 2022 14:07

Instrument :
MSVOA_D
ClientSampleId :
RB-21499

Tgt Ion:117 Resp: 614572
Ion Ratio Lower Upper
117 100
82 53.6 45.3 67.9
119 31.2 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: VD073526.D
Acq: 10 Jun 2022 14:07

Tgt Ion:152 Resp: 333988
Ion Ratio Lower Upper
152 100
115 59.2 31.3 93.8
150 156.5 0.0 348.6

