

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060622\
 Data File : VD073480.D
 Acq On : 06 Jun 2022 17:48
 Operator : VA/SY
 Sample : N3186-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2513-2514

Quant Time: Jun 07 01:13:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

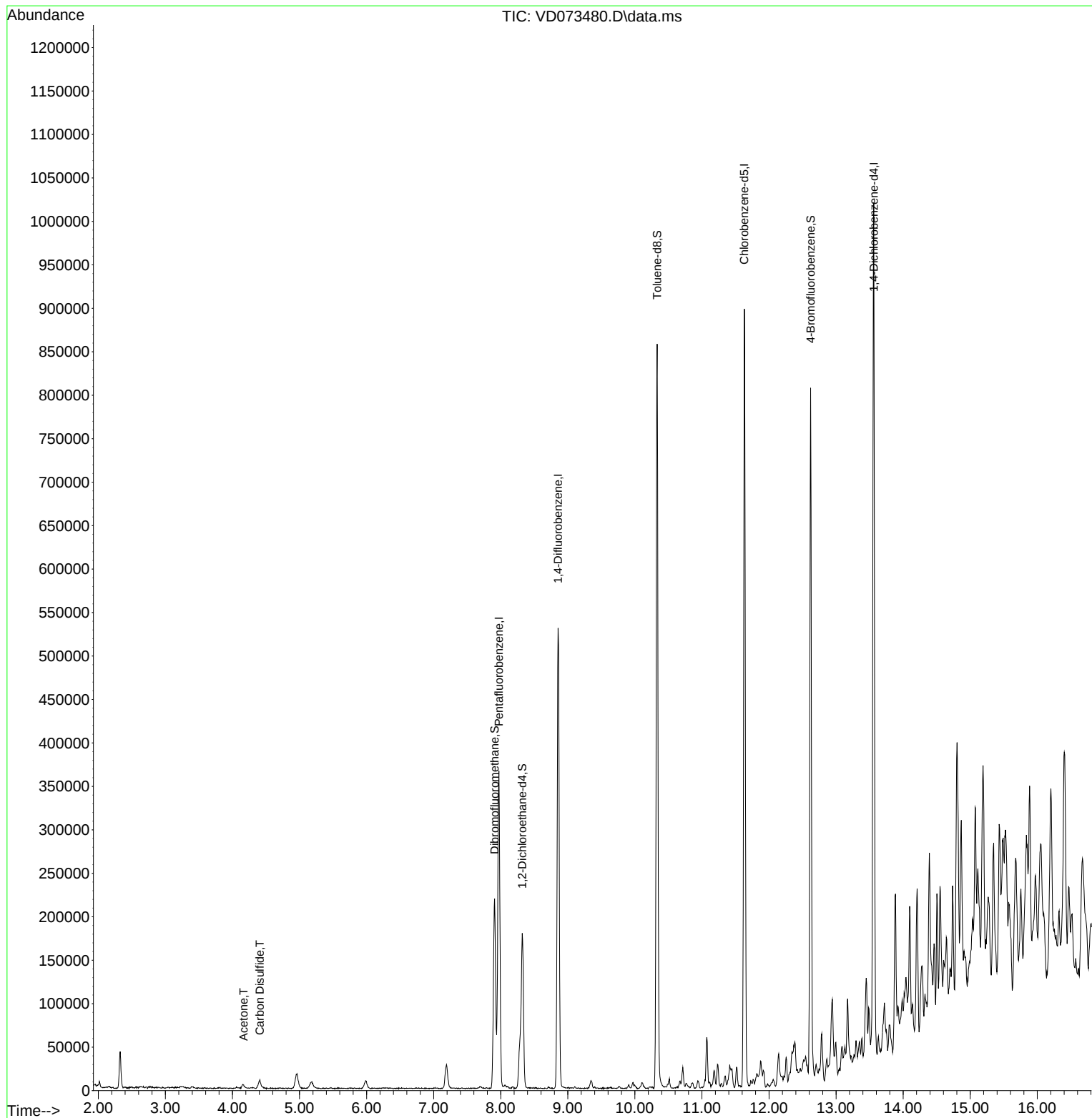
Internal Standards						
1) Pentafluorobenzene	7.973	168	267232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	472173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	517850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	270066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	138638	46.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.880%
35) Dibromofluoromethane	7.909	113	156738	50.306	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.620%
50) Toluene-d8	10.332	98	580356	50.530	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.060%
62) 4-Bromofluorobenzene	12.620	95	253423	62.874	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.740%
Target Compounds						
					Qvalue	
16) Acetone	4.168	43	7631	14.918	ug/l	92
17) Carbon Disulfide	4.409	76	18707	2.101	ug/l #	93

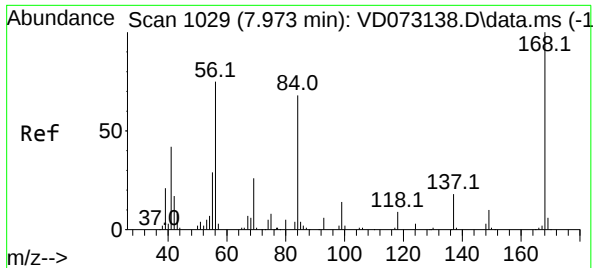
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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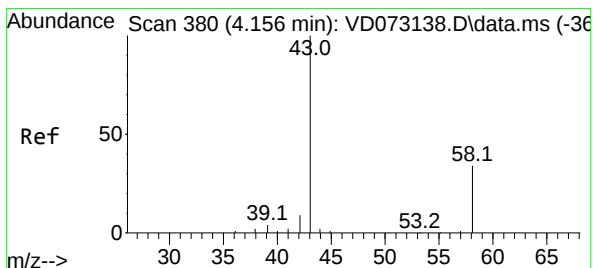
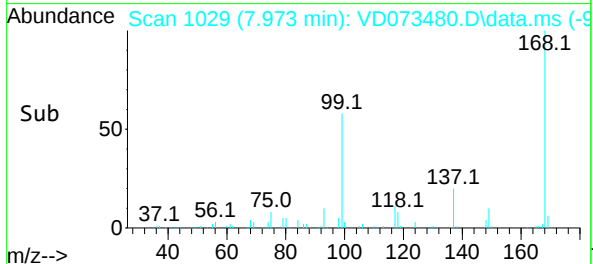
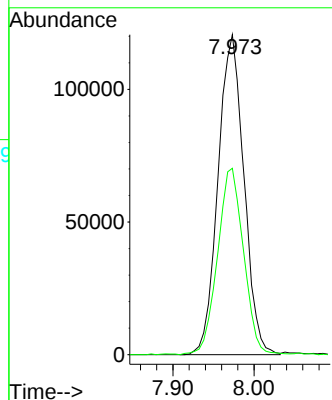
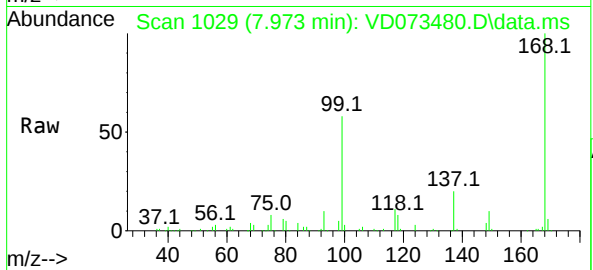




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073480.D
Acq: 06 Jun 2022 17:48

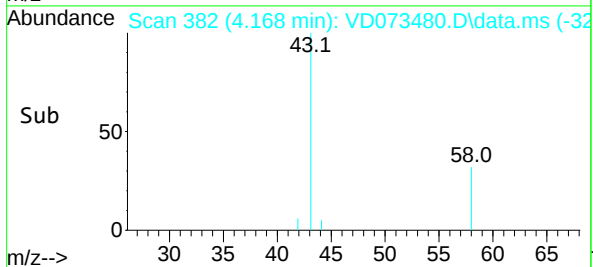
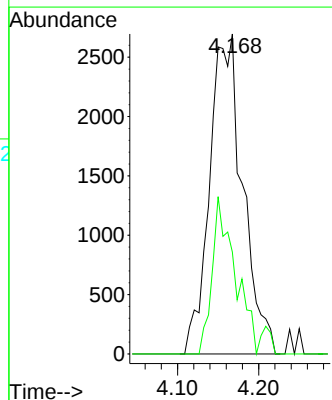
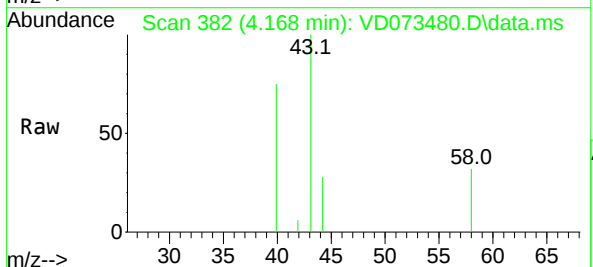
Instrument :
MSVOA_D
ClientSampleId :
2513-2514

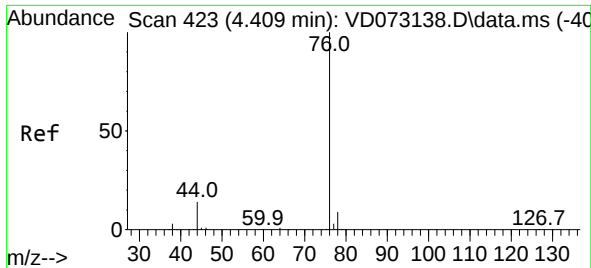
Tgt Ion:168 Resp: 267232
Ion Ratio Lower Upper
168 100
99 58.2 49.8 74.6



#16
Acetone
Concen: 14.918 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD073480.D
Acq: 06 Jun 2022 17:48

Tgt Ion: 43 Resp: 7631
Ion Ratio Lower Upper
43 100
58 31.8 22.1 33.1

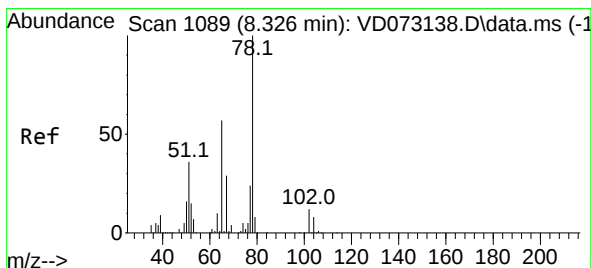
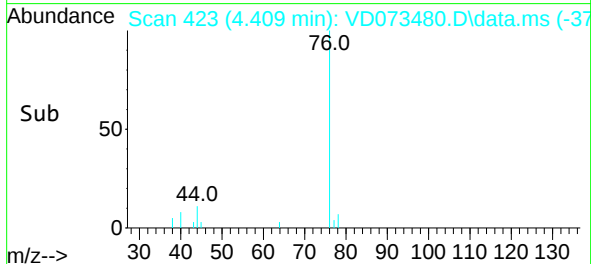
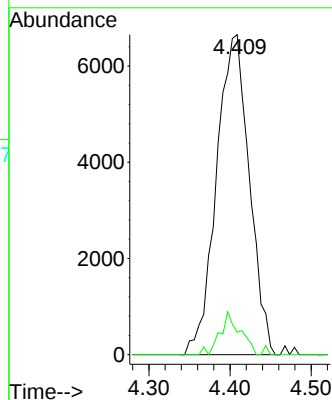
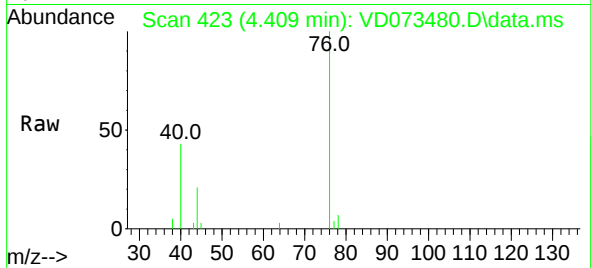




#17
Carbon Disulfide
Concen: 2.101 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073480.D
Acq: 06 Jun 2022 17:48

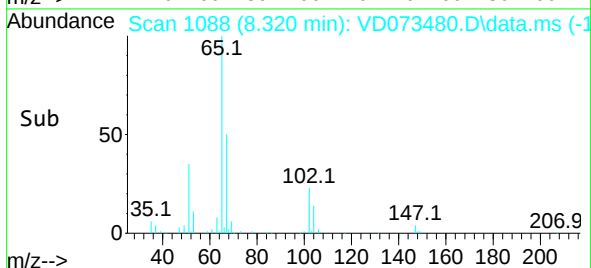
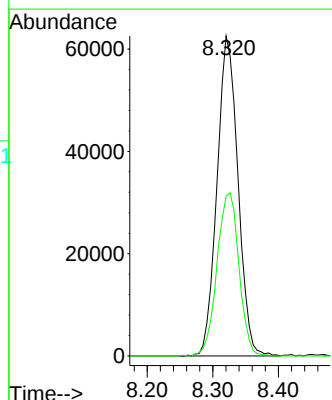
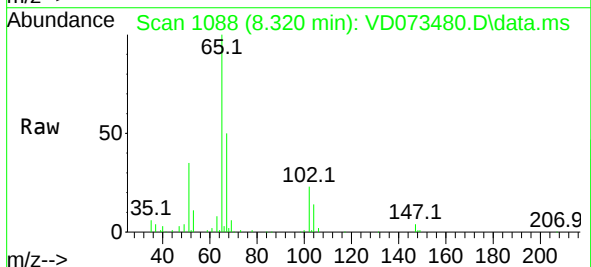
Instrument :
MSVOA_D
ClientSampleId :
2513-2514

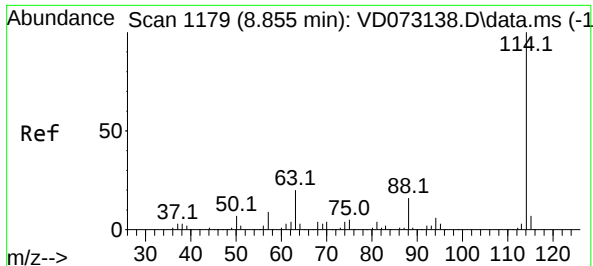
Tgt Ion: 76 Resp: 18707
Ion Ratio Lower Upper
76 100
78 7.0 7.5 11.3#



#33
1,2-Dichloroethane-d4
Concen: 46.944 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073480.D
Acq: 06 Jun 2022 17:48

Tgt Ion: 65 Resp: 138638
Ion Ratio Lower Upper
65 100
67 53.4 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: VD073480.D

Acq: 06 Jun 2022 17:48

Instrument :

MSVOA_D

ClientSampleId :

2513-2514

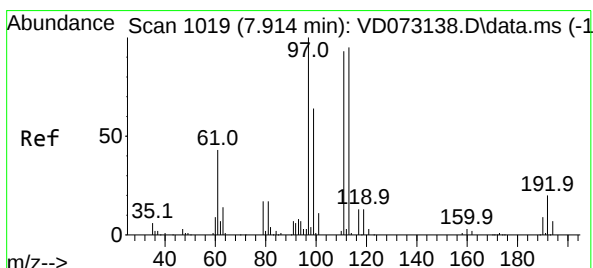
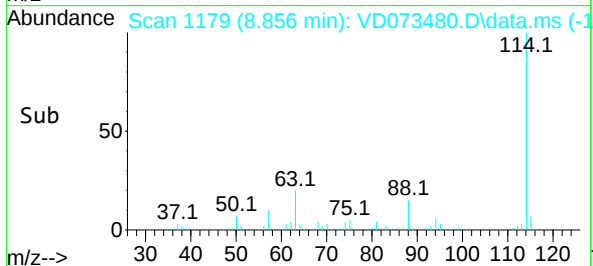
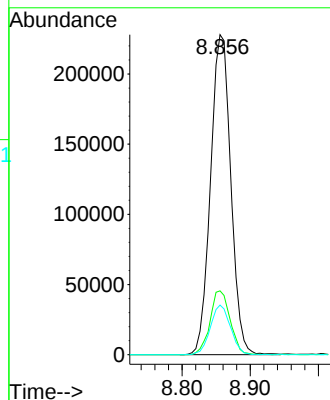
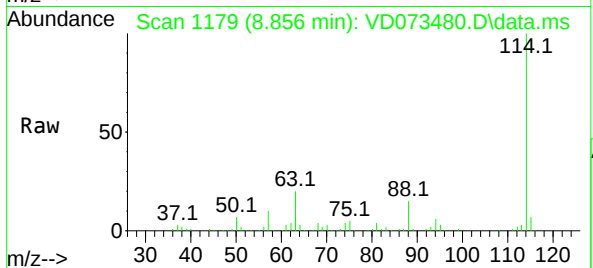
Tgt Ion:114 Resp: 472173

Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.306 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073480.D

Acq: 06 Jun 2022 17:48

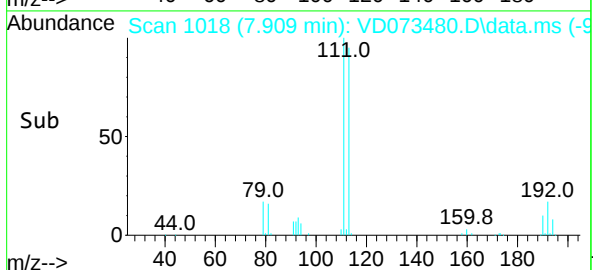
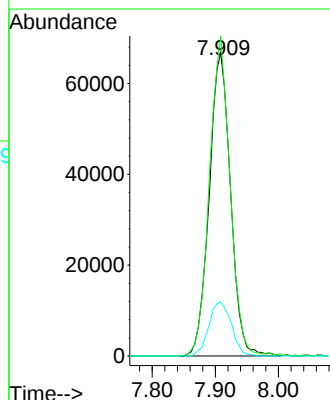
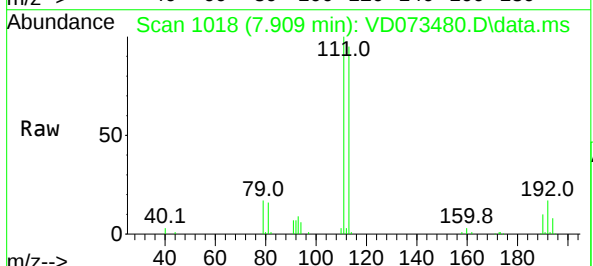
Tgt Ion:113 Resp: 156738

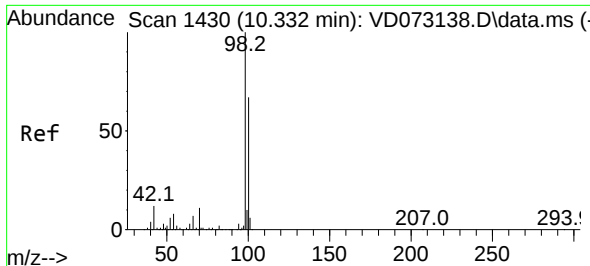
Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 18.8 14.6 21.8

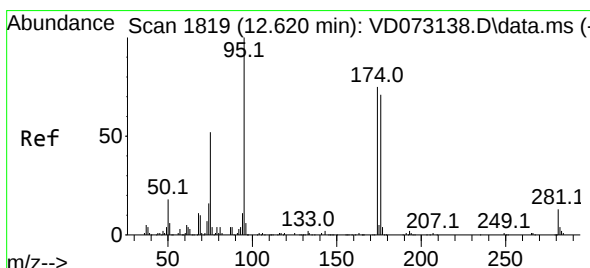
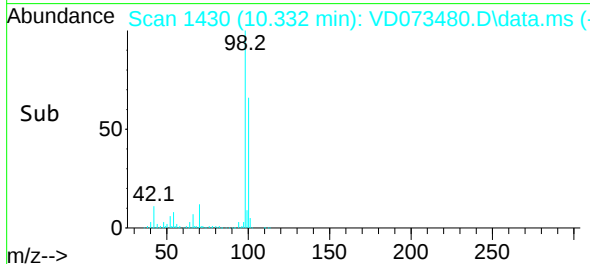
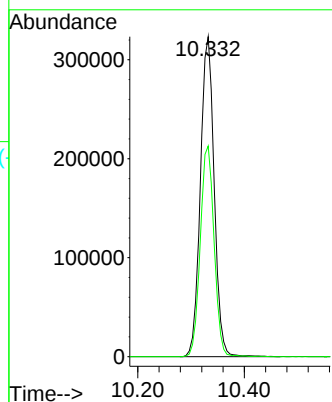
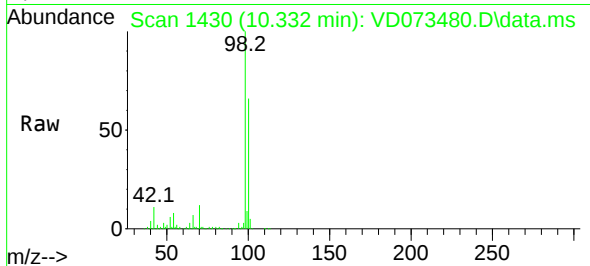




#50
Toluene-d8
Concen: 50.530 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073480.D
Acq: 06 Jun 2022 17:48

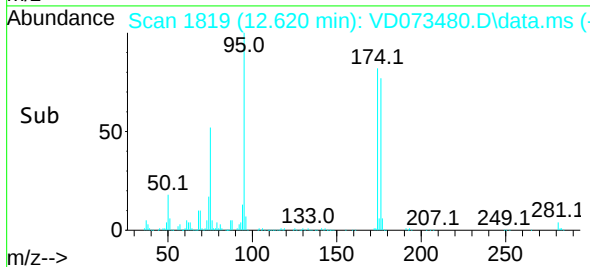
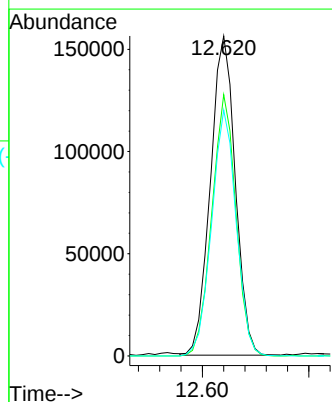
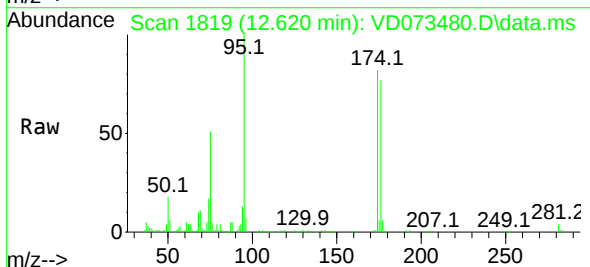
Instrument :
MSVOA_D
ClientSampleId :
2513-2514

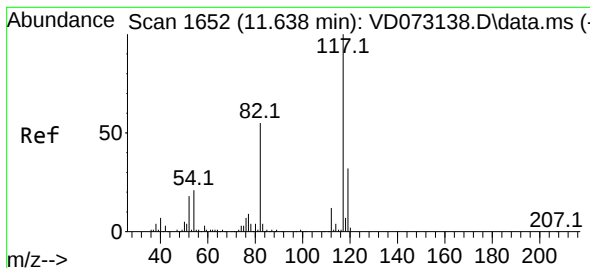
Tgt Ion: 98 Resp: 580356
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 62.874 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073480.D
Acq: 06 Jun 2022 17:48

Tgt Ion: 95 Resp: 253423
Ion Ratio Lower Upper
95 100
174 79.2 0.0 152.8
176 76.0 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073480.D

Acq: 06 Jun 2022 17:48

Instrument :

MSVOA_D

ClientSampleId :

2513-2514

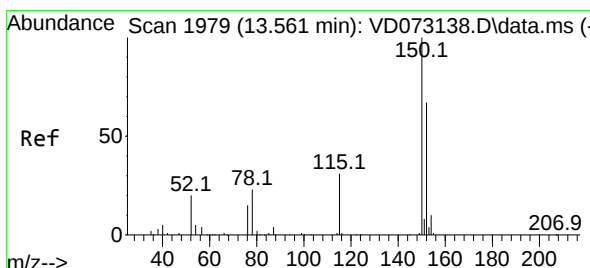
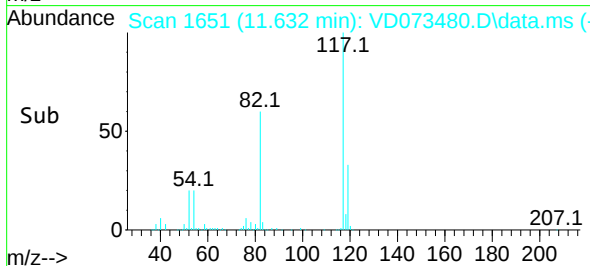
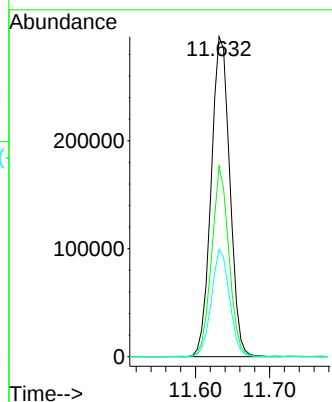
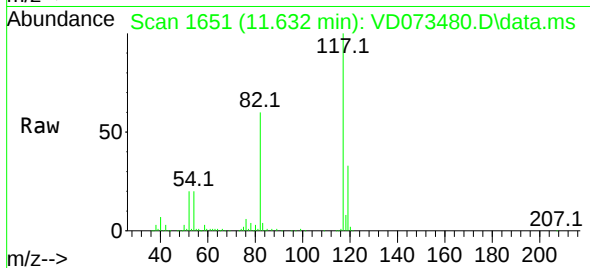
Tgt Ion:117 Resp: 517850

Ion Ratio Lower Upper

117 100

82 59.4 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: VD073480.D

Acq: 06 Jun 2022 17:48

Tgt Ion:152 Resp: 270066

Ion Ratio Lower Upper

152 100

115 59.5 31.3 93.8

150 159.9 0.0 348.6

