

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080322\
 Data File : VD073945.D
 Acq On : 03 Aug 2022 17:31
 Operator : VA/SY
 Sample : N3990-01RE
 Misc : 5.04G/5.02ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-080122

Quant Time: Aug 04 02:53:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

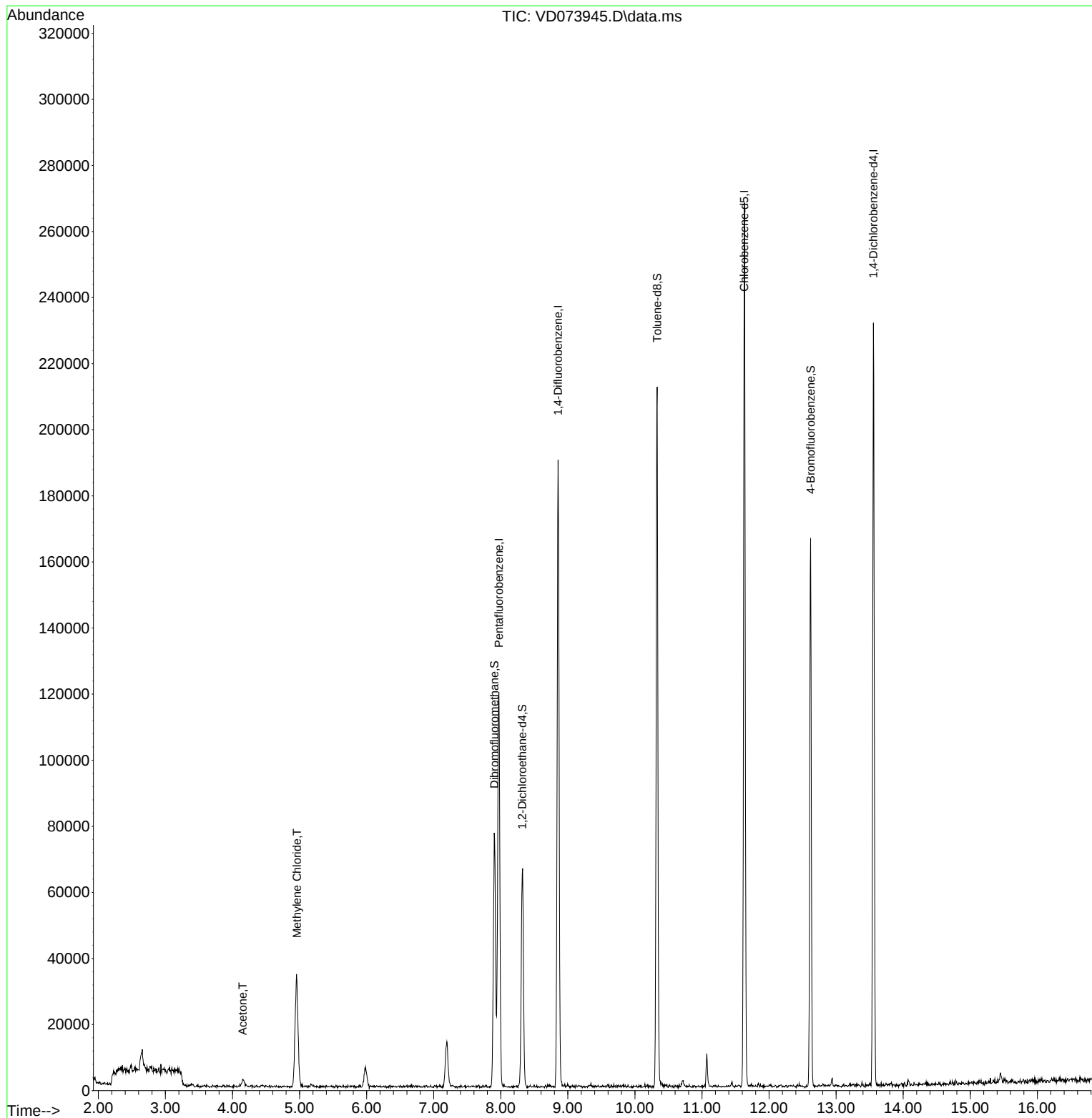
Internal Standards						
1) Pentafluorobenzene	7.973	168	86861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	160038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	148491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	57778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	54326	78.663	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 157.320%	
35) Dibromofluoromethane	7.902	113	53137	53.439	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.880%	
50) Toluene-d8	10.332	98	139046	41.514	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 83.020%	
62) 4-Bromofluorobenzene	12.620	95	51208	41.574	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.140%	
Target Compounds						
					Qvalue	
16) Acetone	4.150	43	4443	33.256	ug/l #	74
20) Methylene Chloride	4.961	84	25640	16.353	ug/l #	88

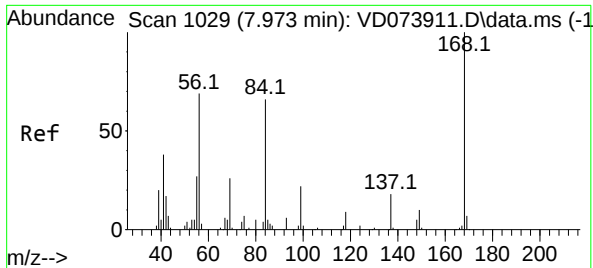
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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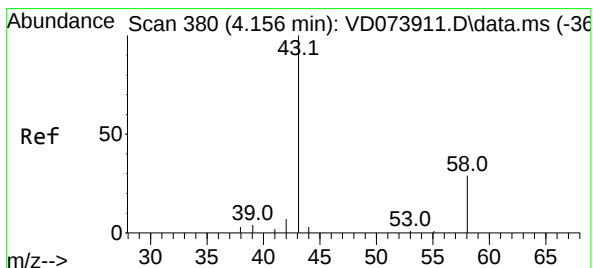
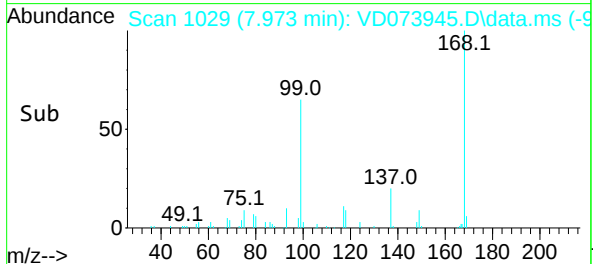
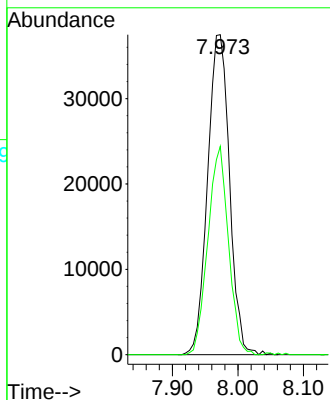
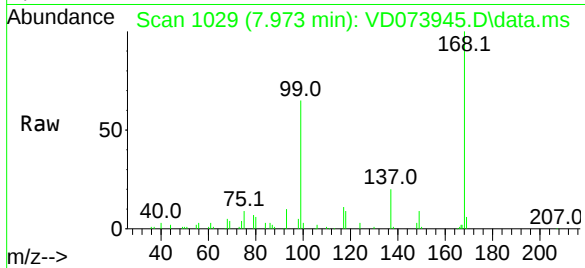




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073945.D
Acq: 03 Aug 2022 17:31

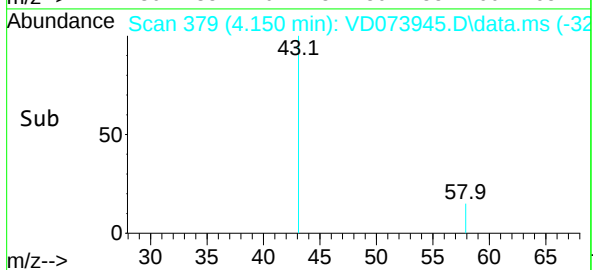
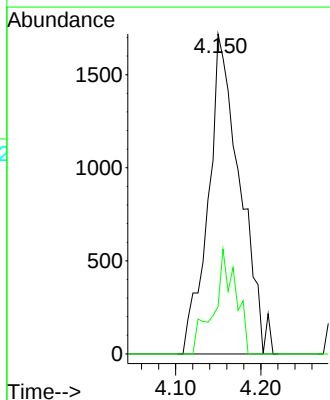
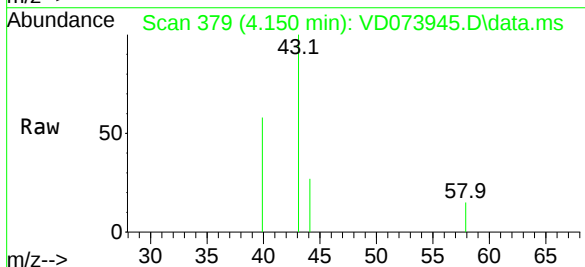
Instrument :
MSVOA_D
ClientSampleId :
HR-01-080122

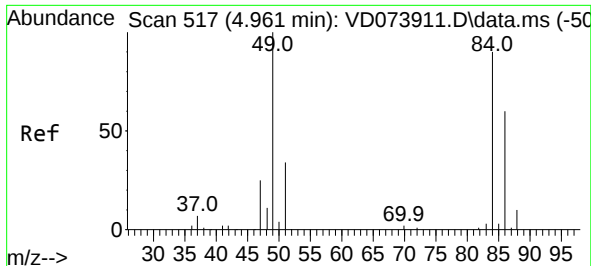
Tgt Ion:168 Resp: 86861
Ion Ratio Lower Upper
168 100
99 65.1 52.2 78.4



#16
Acetone
Concen: 33.256 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073945.D
Acq: 03 Aug 2022 17:31

Tgt Ion: 43 Resp: 4443
Ion Ratio Lower Upper
43 100
58 14.7 23.0 34.6#

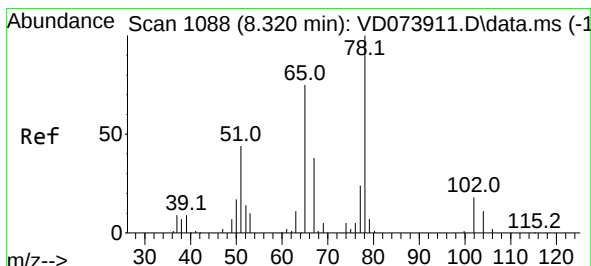
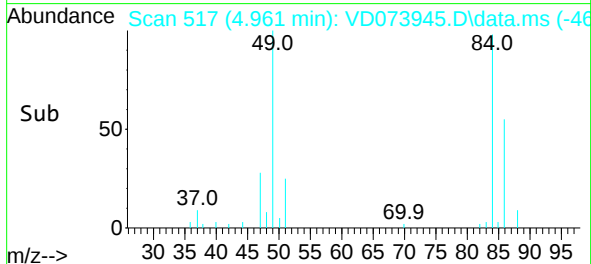
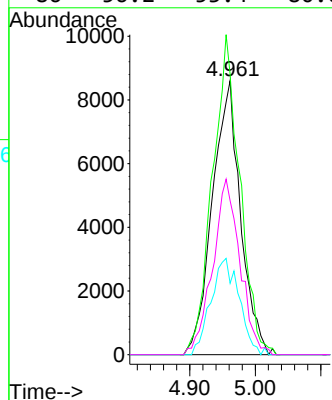
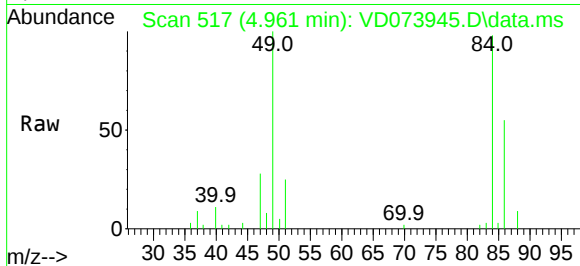




#20
Methylene Chloride
Concen: 16.353 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD073945.D
Acq: 03 Aug 2022 17:31

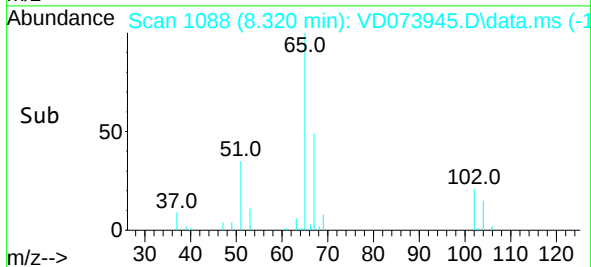
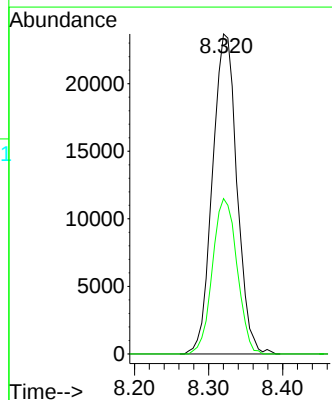
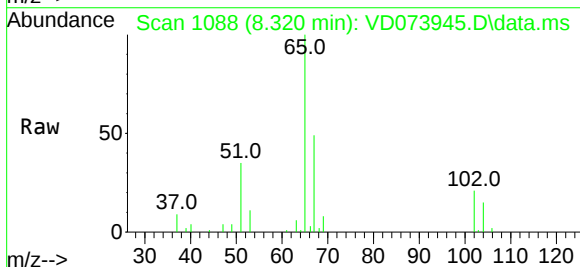
Instrument :
MSVOA_D
ClientSampleId :
HR-01-080122

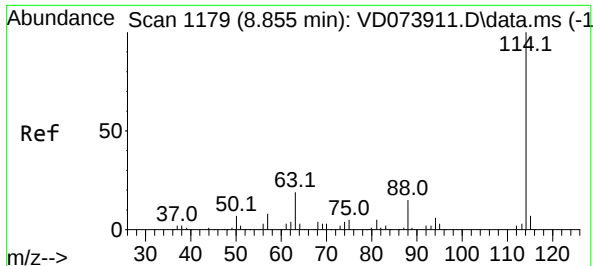
Tgt Ion: 84	Resp: 25640
Ion Ratio	Lower Upper
84 100	
49 102.3	89.1 133.7
51 26.0	29.8 44.8#
86 56.2	53.4 80.0



#33
1,2-Dichloroethane-d4
Concen: 78.663 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073945.D
Acq: 03 Aug 2022 17:31

Tgt Ion: 65	Resp: 54326
Ion Ratio	Lower Upper
65 100	
67 48.8	0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073945.D

Acq: 03 Aug 2022 17:31

Instrument :

MSVOA_D

ClientSampleId :

HR-01-080122

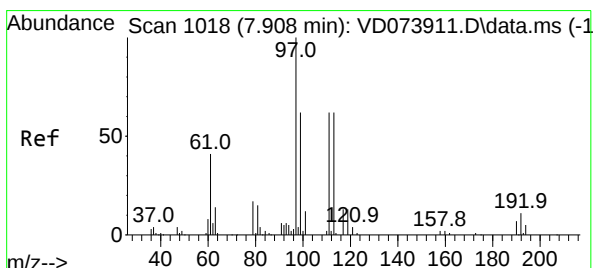
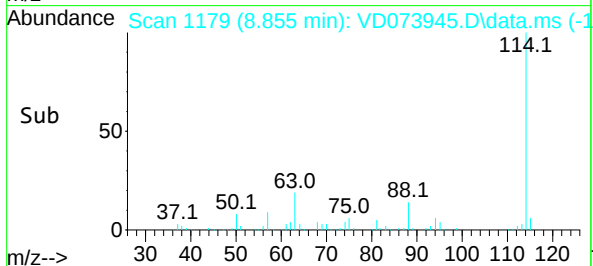
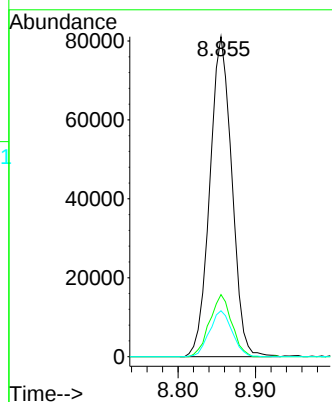
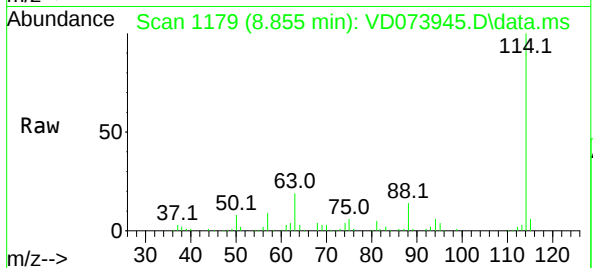
Tgt Ion:114 Resp: 160038

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.6

88 14.4 0.0 30.2



#35

Dibromofluoromethane

Concen: 53.439 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073945.D

Acq: 03 Aug 2022 17:31

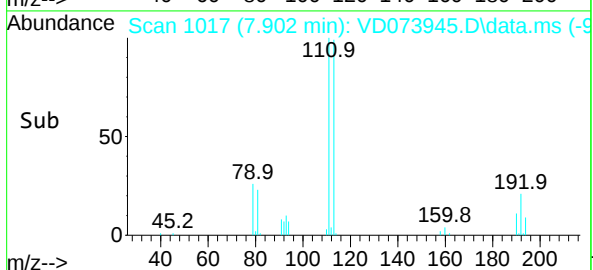
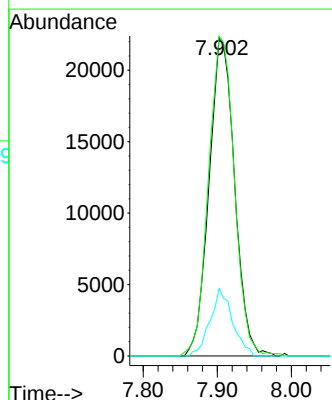
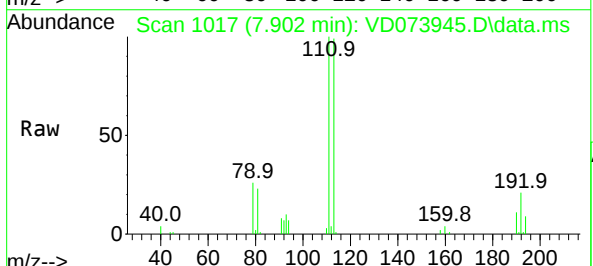
Tgt Ion:113 Resp: 53137

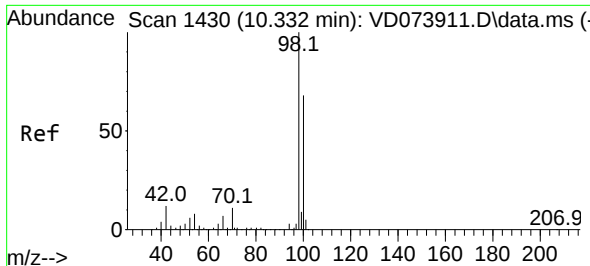
Ion Ratio Lower Upper

113 100

111 102.0 83.7 125.5

192 18.7 15.0 22.6

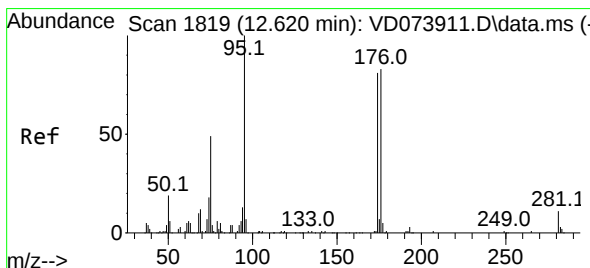
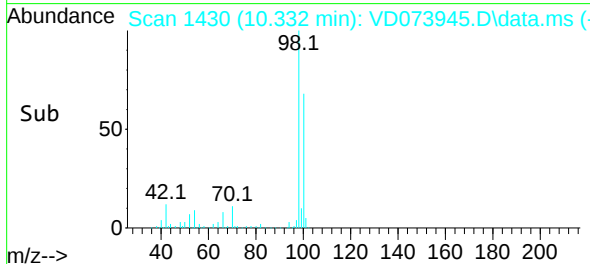
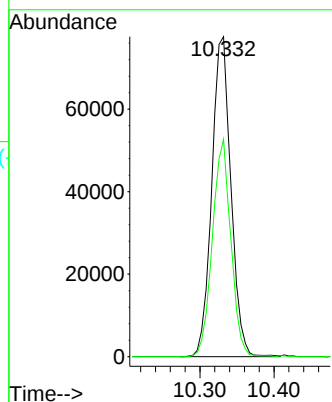
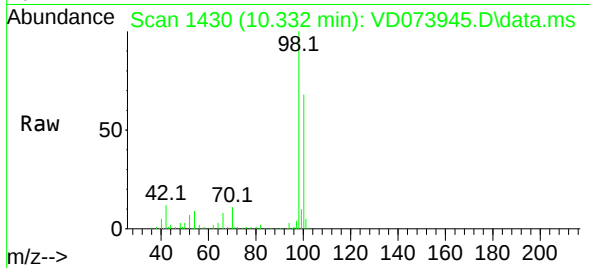




#50
Toluene-d8
Concen: 41.514 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073945.D
Acq: 03 Aug 2022 17:31

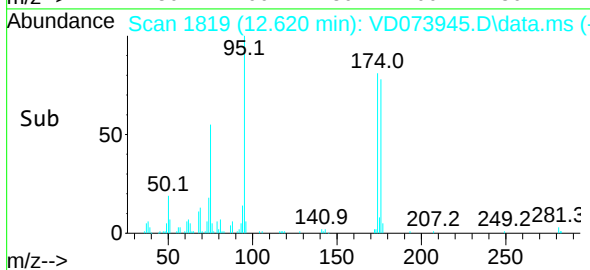
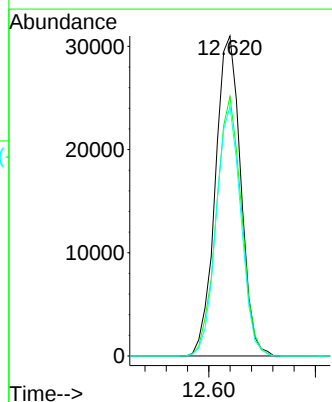
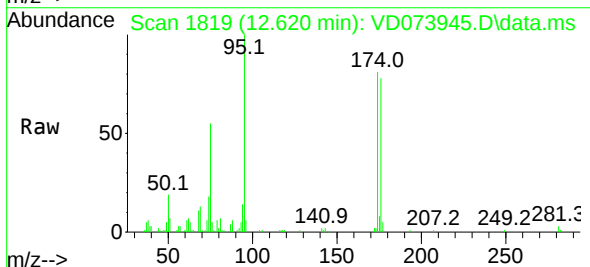
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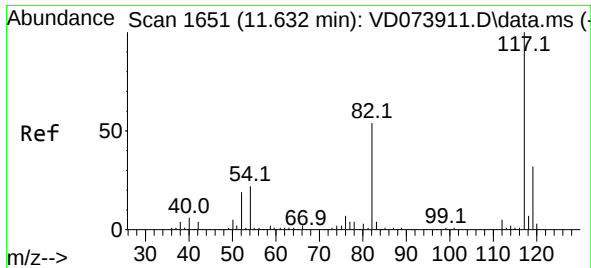
Tgt Ion: 98 Resp: 139046
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 41.574 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073945.D
Acq: 03 Aug 2022 17:31

Tgt Ion: 95 Resp: 51208
Ion Ratio Lower Upper
95 100
174 80.2 0.0 164.2
176 76.0 0.0 161.4

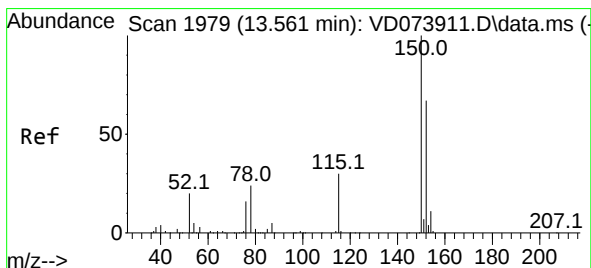
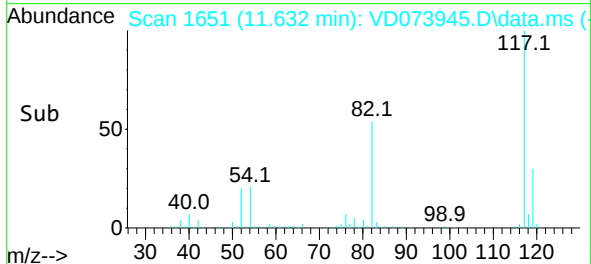
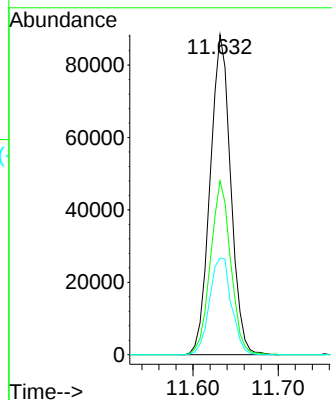
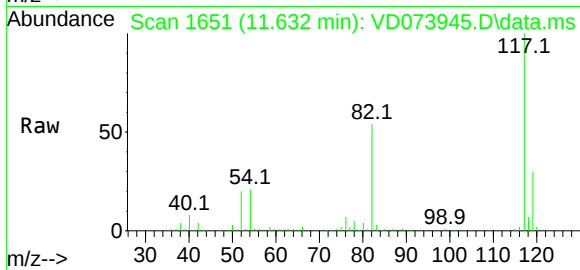




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073945.D
Acq: 03 Aug 2022 17:31

Instrument :
MSVOA_D
ClientSampleId :
HR-01-080122

Tgt Ion:117 Resp: 148491
Ion Ratio Lower Upper
117 100
82 54.3 43.3 64.9
119 30.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073945.D
Acq: 03 Aug 2022 17:31

Tgt Ion:152 Resp: 57778
Ion Ratio Lower Upper
152 100
115 60.0 29.1 87.3
150 158.9 0.0 338.2

