

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080222\
 Data File : VD073931.D
 Acq On : 02 Aug 2022 17:27
 Operator : VA/SY
 Sample : N3976-01RE
 Misc : 5.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-0729RE

Quant Time: Aug 03 05:08:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 03 05:08:27 2022
 Response via : Initial Calibration

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

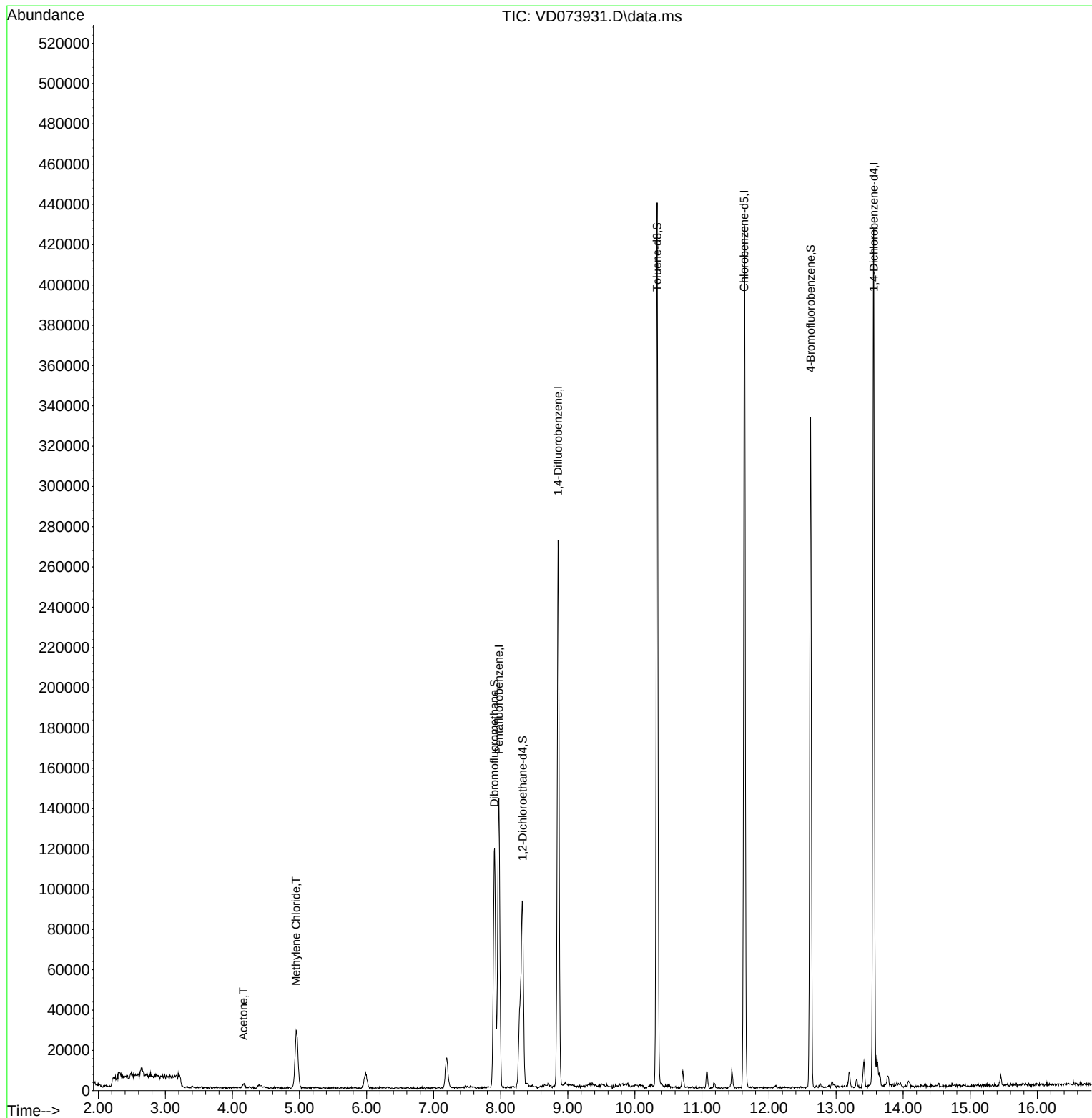
Internal Standards						
1) Pentafluorobenzene	7.973	168	103293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	226925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	237126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	109869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	70170	85.879	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 171.760%#	
35) Dibromofluoromethane	7.903	113	83151	58.976	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.960%	
50) Toluene-d8	10.332	98	293735	61.848	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.700%	
62) 4-Bromofluorobenzene	12.620	95	103812	59.440	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.880%	
Target Compounds						Qvalue
16) Acetone	4.162	43	3514	25.341	ug/l	100
20) Methylene Chloride	4.950	84	22506	8.220	ug/l	98

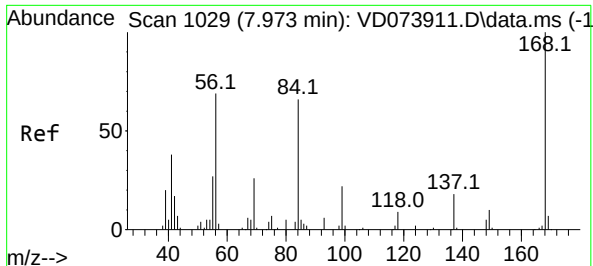
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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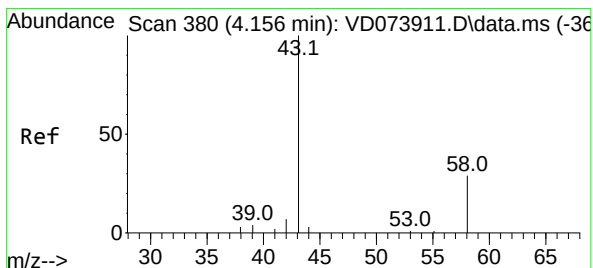
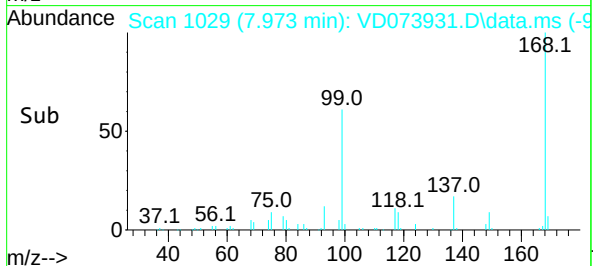
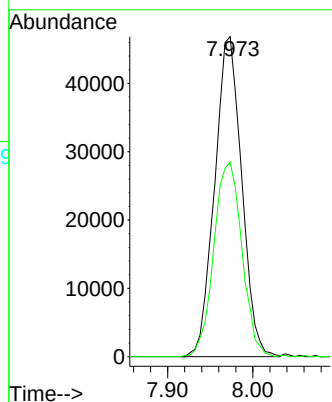
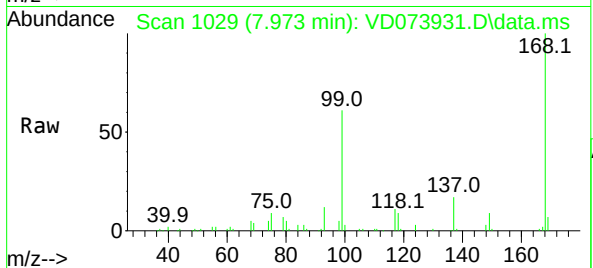




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073931.D
Acq: 02 Aug 2022 17:27

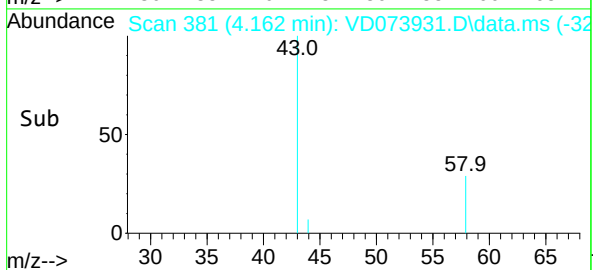
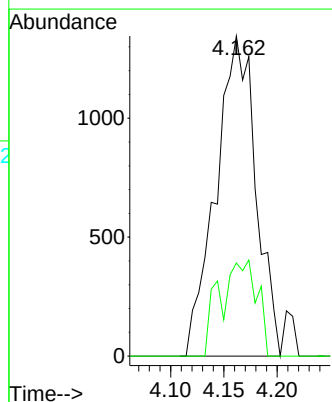
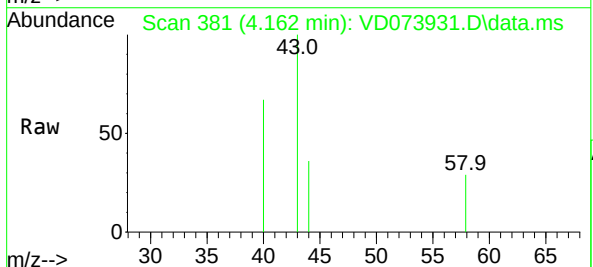
Instrument :
MSVOA_D
ClientSampleId :
TP1-0729RE

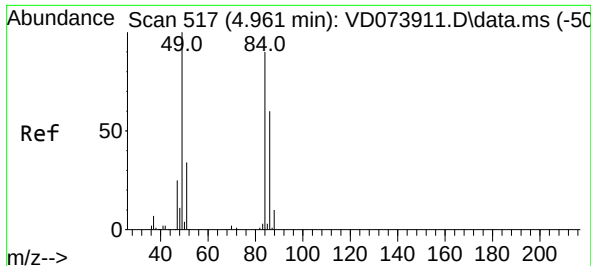
Tgt Ion:168 Resp: 103293
Ion Ratio Lower Upper
168 100
99 60.7 52.2 78.4



#16
Acetone
Concen: 25.341 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073931.D
Acq: 02 Aug 2022 17:27

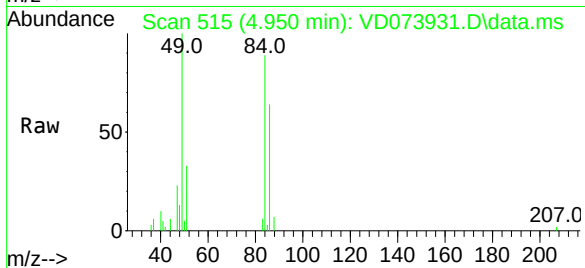
Tgt Ion: 43 Resp: 3514
Ion Ratio Lower Upper
43 100
58 29.0 23.0 34.6



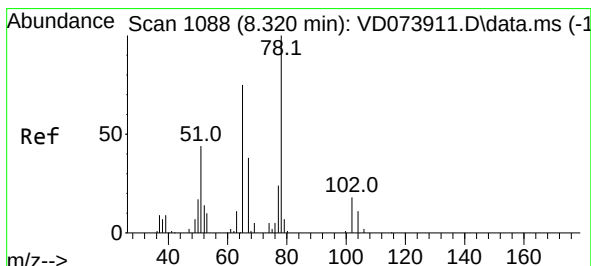
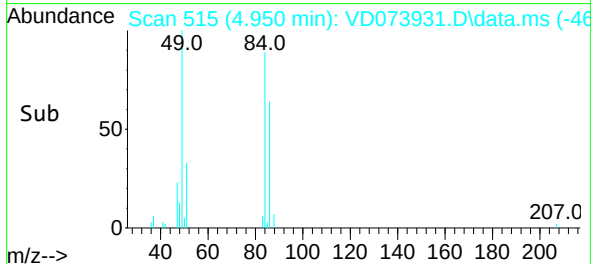
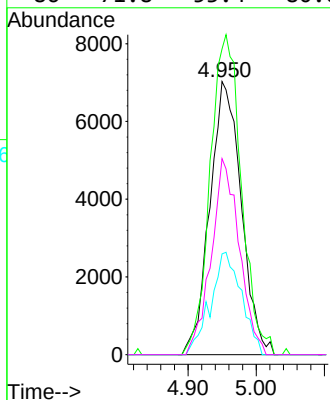


#20
Methylene Chloride
Concen: 8.220 ug/l
RT: 4.950 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD073931.D
Acq: 02 Aug 2022 17:27

Instrument :
MSVOA_D
ClientSampleId :
TP1-0729RE

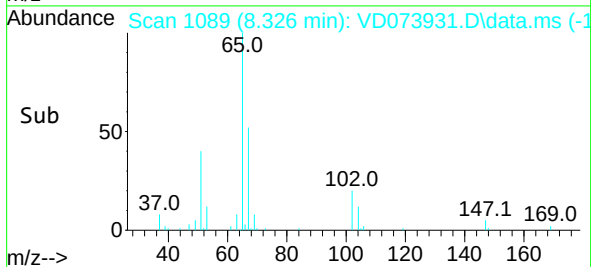
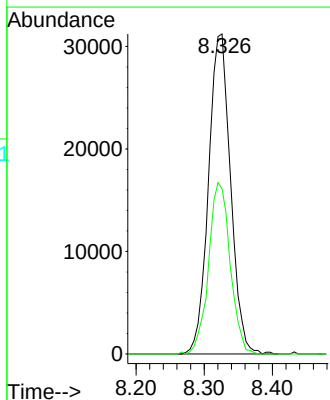
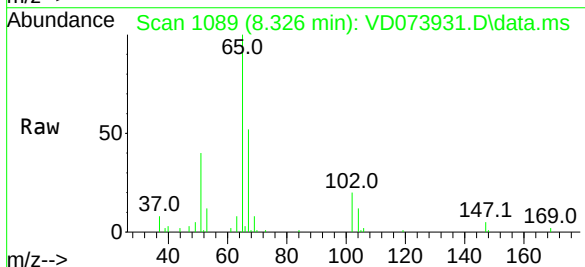


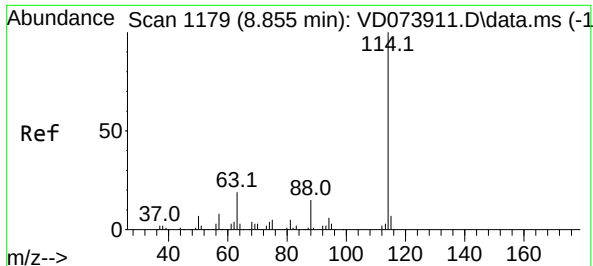
Tgt Ion:	84	Resp:	22506
Ion	Ratio	Lower	Upper
84	100		
49	112.0	89.1	133.7
51	36.9	29.8	44.8
86	71.8	53.4	80.0



#33
1,2-Dichloroethane-d4
Concen: 85.879 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073931.D
Acq: 02 Aug 2022 17:27

Tgt Ion:	65	Resp:	70170
Ion	Ratio	Lower	Upper
65	100		
67	52.5	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: VD073931.D

Acq: 02 Aug 2022 17:27

Instrument :

MSVOA_D

ClientSampleId :

TP1-0729RE

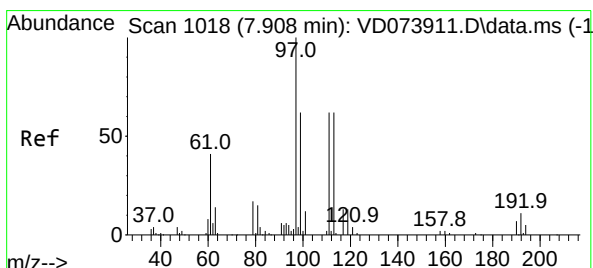
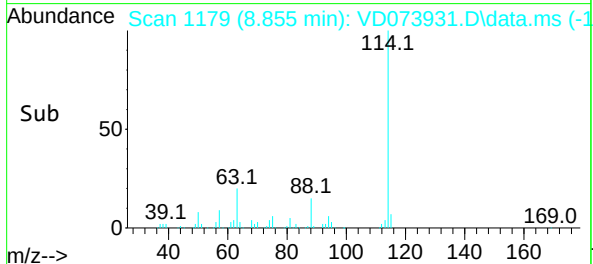
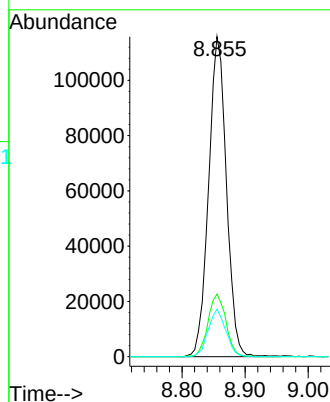
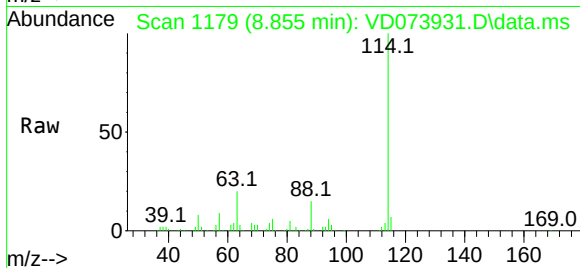
Tgt Ion:114 Resp: 226925

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.6

88 14.8 0.0 30.2



#35

Dibromofluoromethane

Concen: 58.976 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073931.D

Acq: 02 Aug 2022 17:27

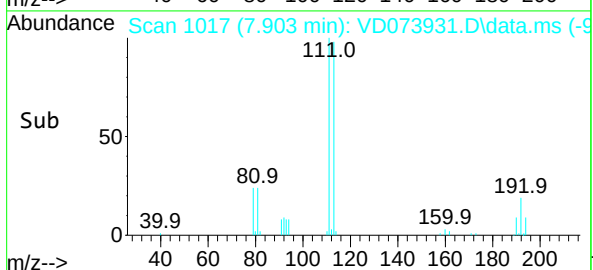
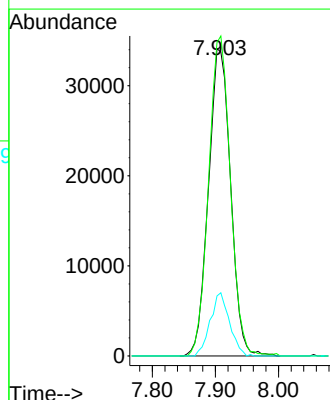
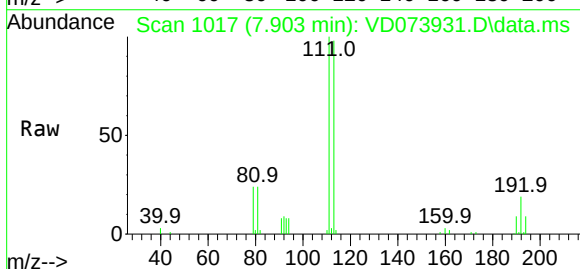
Tgt Ion:113 Resp: 83151

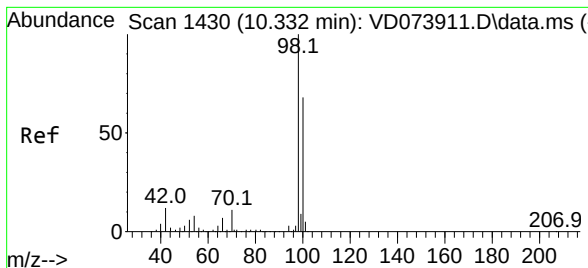
Ion Ratio Lower Upper

113 100

111 102.4 83.7 125.5

192 17.8 15.0 22.6





#50

Toluene-d8

Concen: 61.848 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073931.D

Acq: 02 Aug 2022 17:27

Instrument :

MSVOA_D

ClientSampleId :

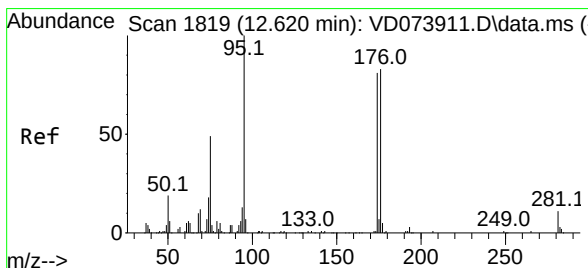
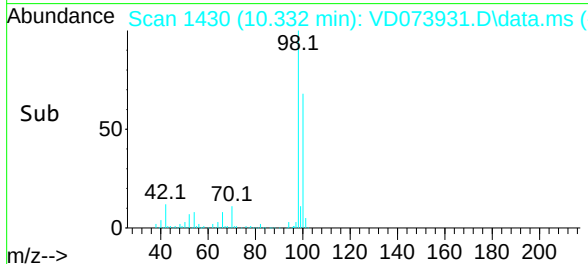
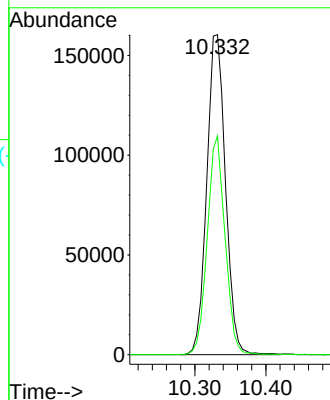
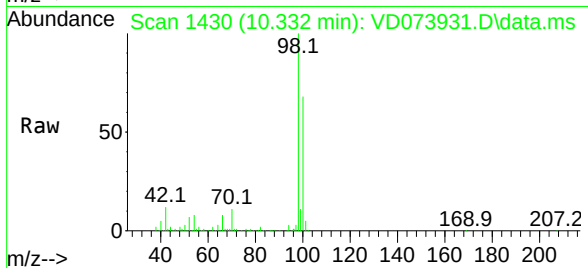
TP1-0729RE

Tgt Ion: 98 Resp: 293735

Ion Ratio Lower Upper

98 100

100 64.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 59.440 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD073931.D

Acq: 02 Aug 2022 17:27

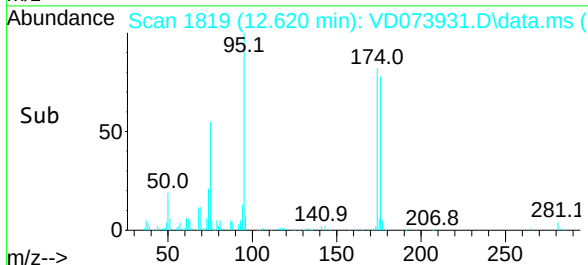
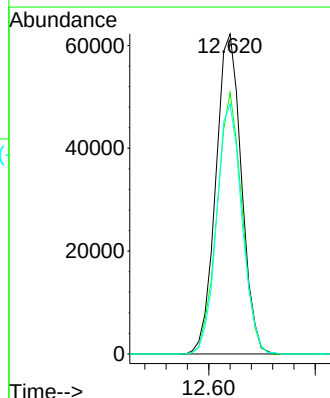
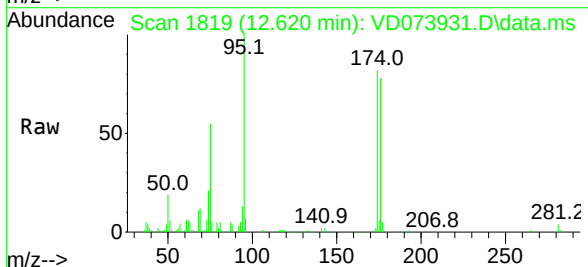
Tgt Ion: 95 Resp: 103812

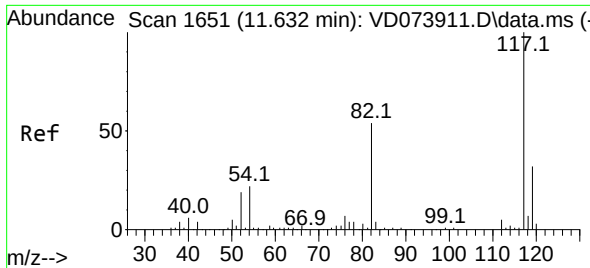
Ion Ratio Lower Upper

95 100

174 79.7 0.0 164.2

176 77.3 0.0 161.4

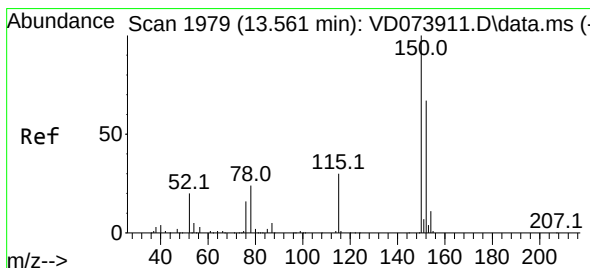
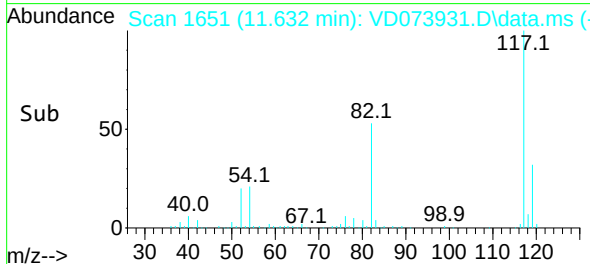
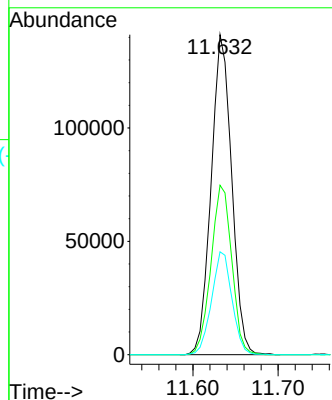
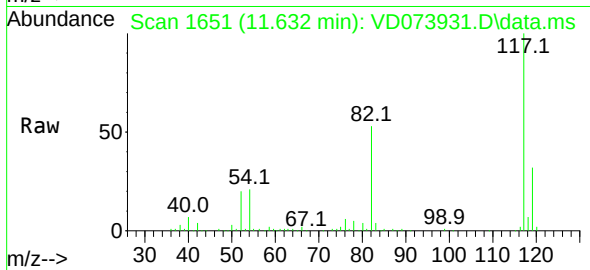




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073931.D
Acq: 02 Aug 2022 17:27

Instrument :
MSVOA_D
ClientSampleId :
TP1-0729RE

Tgt Ion:117 Resp: 237126
Ion Ratio Lower Upper
117 100
82 53.0 43.3 64.9
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073931.D
Acq: 02 Aug 2022 17:27

Tgt Ion:152 Resp: 109869
Ion Ratio Lower Upper
152 100
115 61.2 29.1 87.3
150 159.4 0.0 338.2

