

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080222\
 Data File : VD073933.D
 Acq On : 02 Aug 2022 18:29
 Operator : VA/SY
 Sample : N3976-05RE
 Misc : 4.19G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-0729

Quant Time: Aug 03 04:14:49 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)

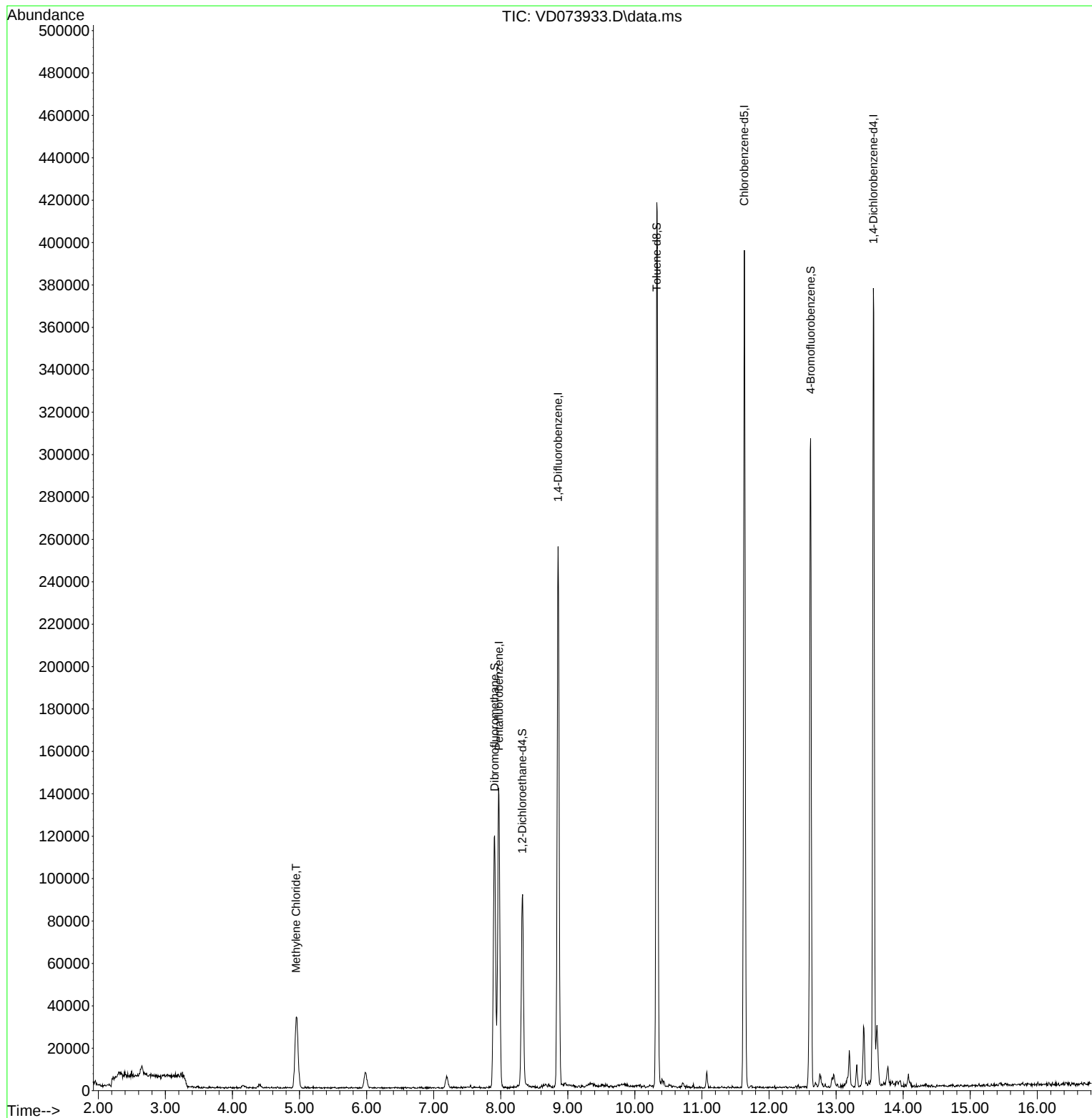
Internal Standards						
1) Pentafluorobenzene	7.973	168	98862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	217987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	220535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	97833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	71733	92.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 184.140%#	
35) Dibromofluoromethane	7.909	113	81714	60.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.660%	
50) Toluene-d8	10.326	98	283361	62.110	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 124.220%	
62) 4-Bromofluorobenzene	12.620	95	96703	57.639	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.280%	
Target Compounds						
20) Methylene Chloride	4.950	84	26593	13.597	ug/l	90

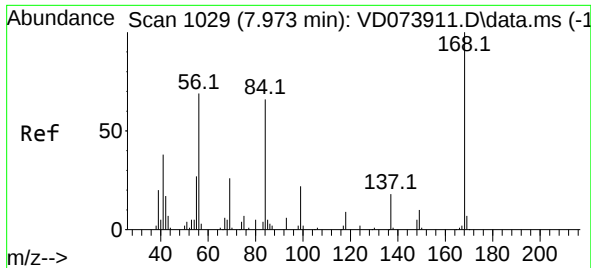
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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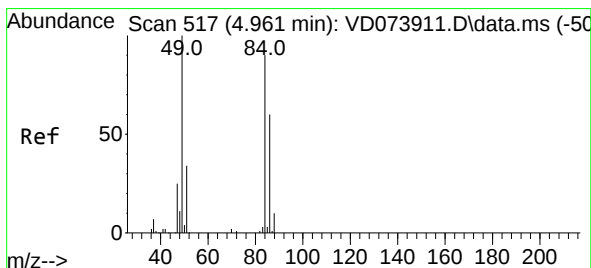
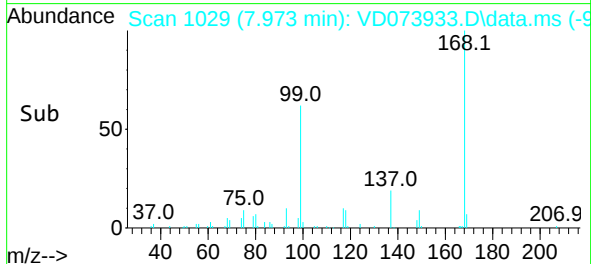
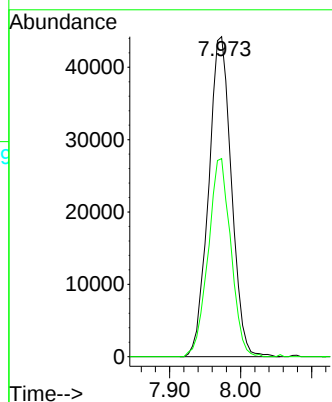
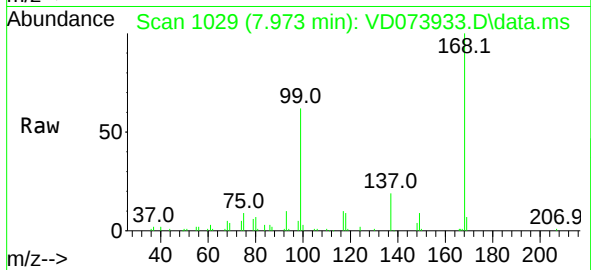




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073933.D
Acq: 02 Aug 2022 18:29

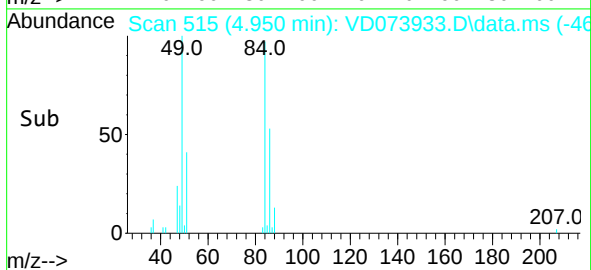
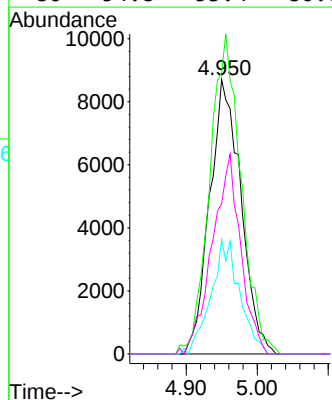
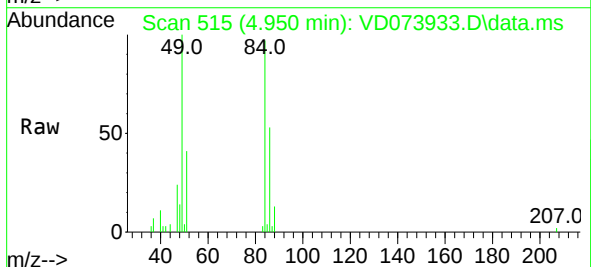
Instrument :
MSVOA_D
ClientSampleId :
TP3-0729

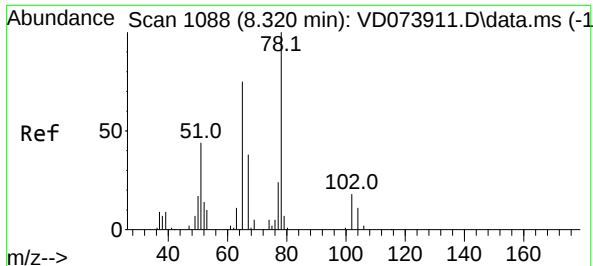
Tgt Ion:168 Resp: 98862
Ion Ratio Lower Upper
168 100
99 61.9 52.2 78.4



#20
Methylene Chloride
Concen: 13.597 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.011 min
Lab File: VD073933.D
Acq: 02 Aug 2022 18:29

Tgt Ion: 84 Resp: 26593
Ion Ratio Lower Upper
84 100
49 102.6 89.1 133.7
51 41.6 29.8 44.8
86 54.8 53.4 80.0





#33

1,2-Dichloroethane-d4

Concen: 92.073 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073933.D

Acq: 02 Aug 2022 18:29

Instrument :

MSVOA_D

ClientSampleId :

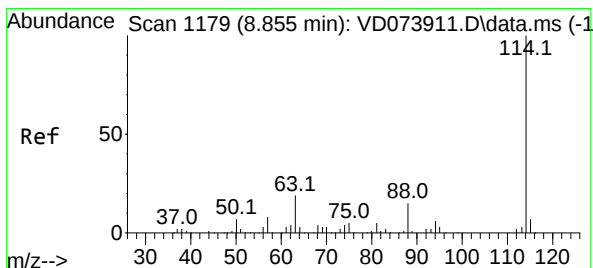
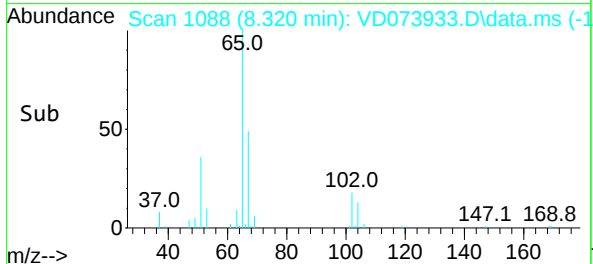
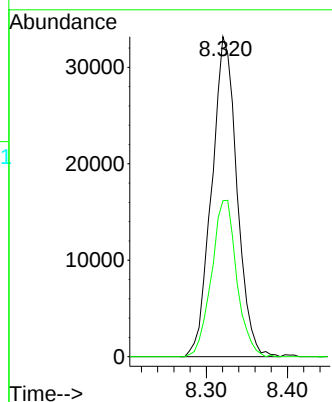
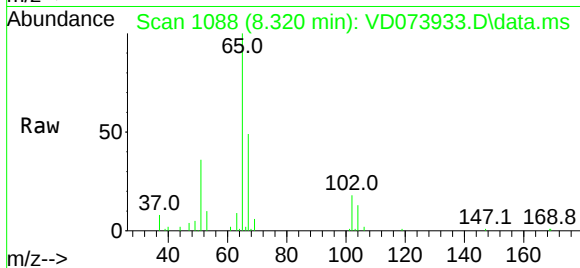
TP3-0729

Tgt Ion: 65 Resp: 71733

Ion Ratio Lower Upper

65 100

67 48.8 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073933.D

Acq: 02 Aug 2022 18:29

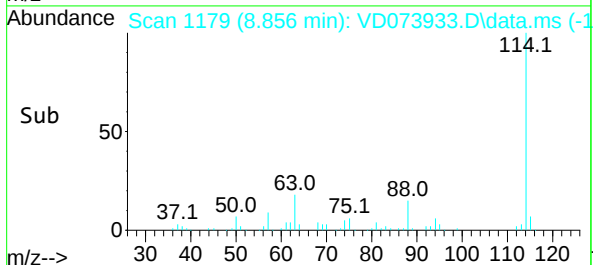
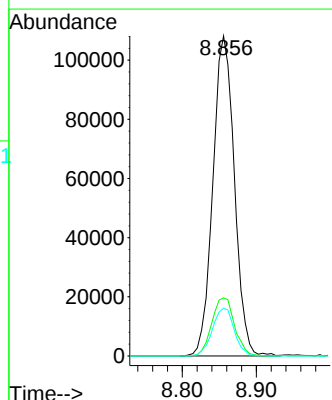
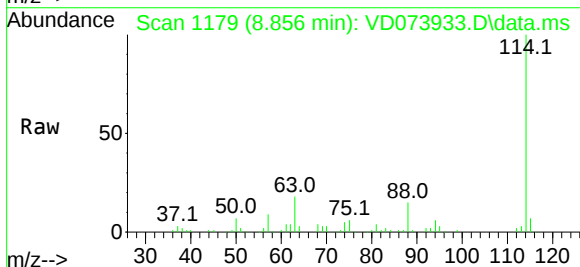
Tgt Ion: 114 Resp: 217987

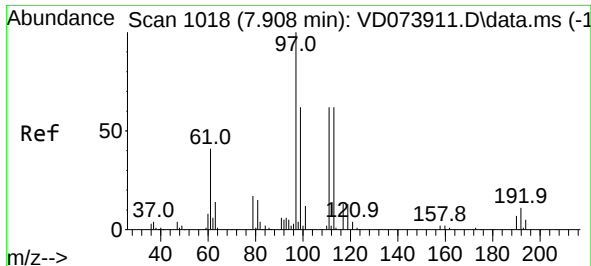
Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.6

88 14.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 60.333 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073933.D

Acq: 02 Aug 2022 18:29

Instrument :

MSVOA_D

ClientSampleId :

TP3-0729

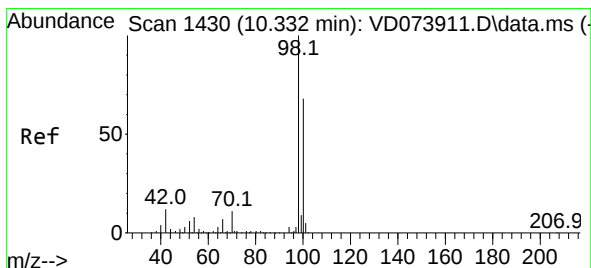
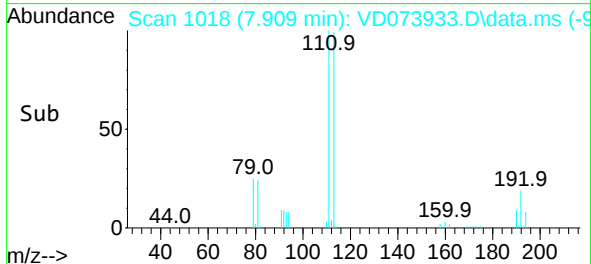
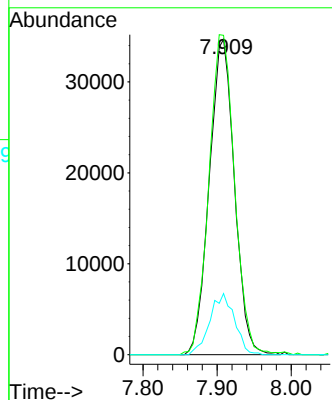
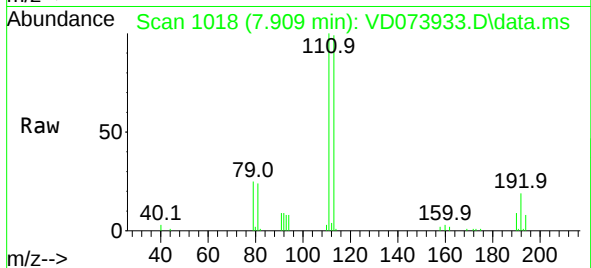
Tgt Ion:113 Resp: 81714

Ion Ratio Lower Upper

113 100

111 103.6 83.7 125.5

192 19.1 15.0 22.6



#50

Toluene-d8

Concen: 62.110 ug/l

RT: 10.326 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VD073933.D

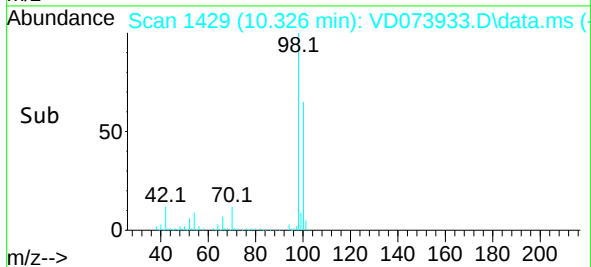
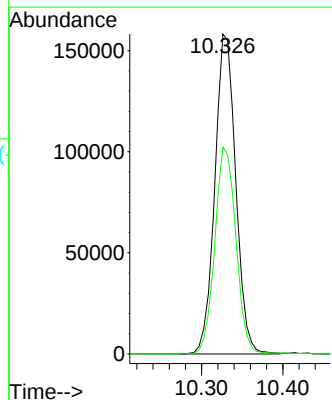
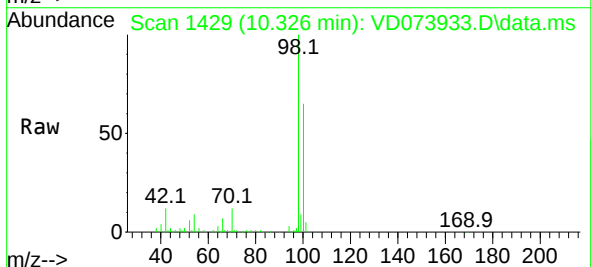
Acq: 02 Aug 2022 18:29

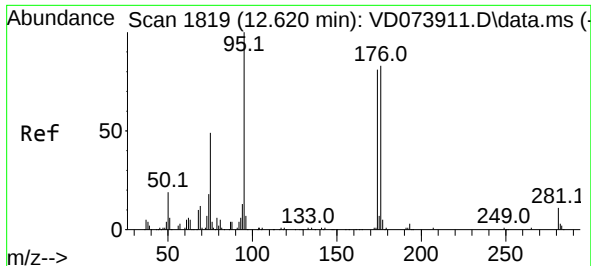
Tgt Ion: 98 Resp: 283361

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7

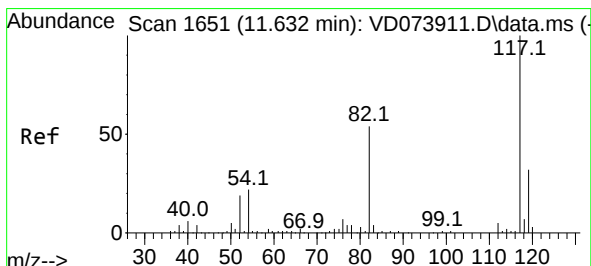
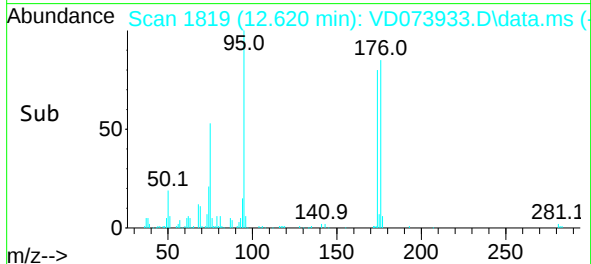
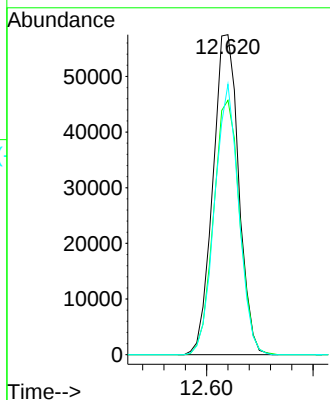
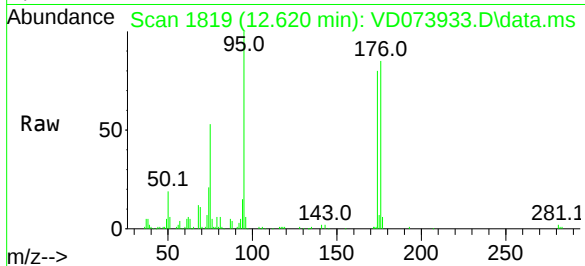




#62
4-Bromofluorobenzene
Concen: 57.639 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073933.D
Acq: 02 Aug 2022 18:29

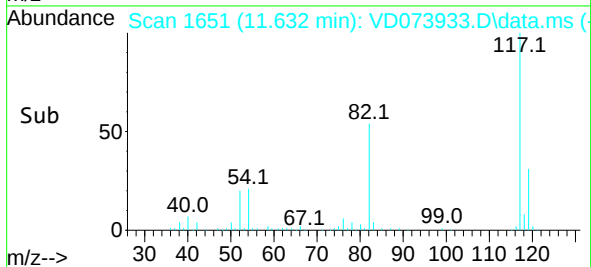
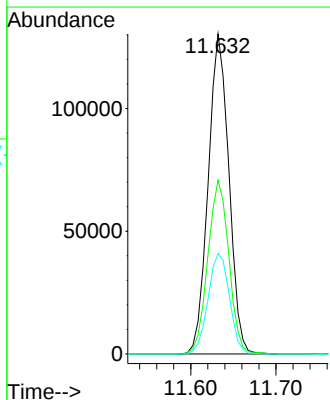
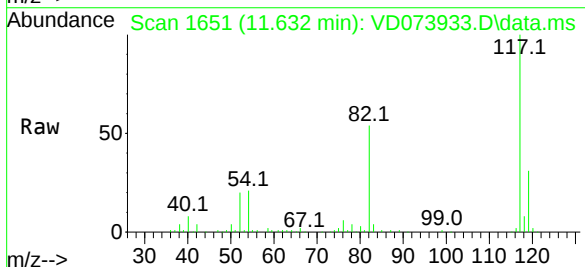
Instrument :
MSVOA_D
ClientSampleId :
TP3-0729

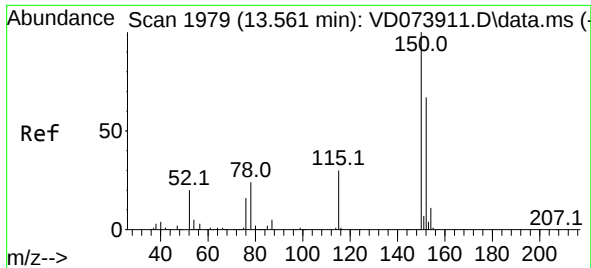
Tgt Ion: 95 Resp: 96703
Ion Ratio Lower Upper
95 100
174 80.3 0.0 164.2
176 78.9 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073933.D
Acq: 02 Aug 2022 18:29

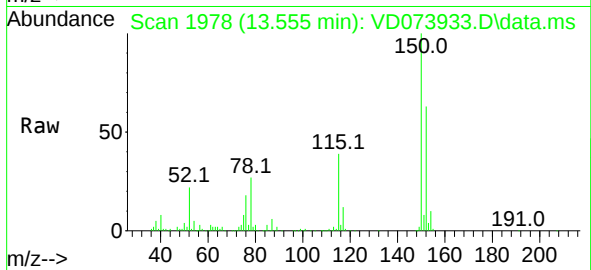
Tgt Ion: 117 Resp: 220535
Ion Ratio Lower Upper
117 100
82 54.3 43.3 64.9
119 31.4 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1978
 Delta R.T. -0.006 min
 Lab File: VD073933.D
 Acq: 02 Aug 2022 18:29

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-0729



Tgt Ion:	152	Resp:	97833
Ion Ratio	Lower	Upper	
152	100		
115	60.7	29.1	87.3
150	158.7	0.0	338.2

