

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080222\
 Data File : VD073932.D
 Acq On : 02 Aug 2022 17:58
 Operator : VA/SY
 Sample : N3976-03RE
 Misc : 4.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-0729RE

Quant Time: Aug 03 04:14:33 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)

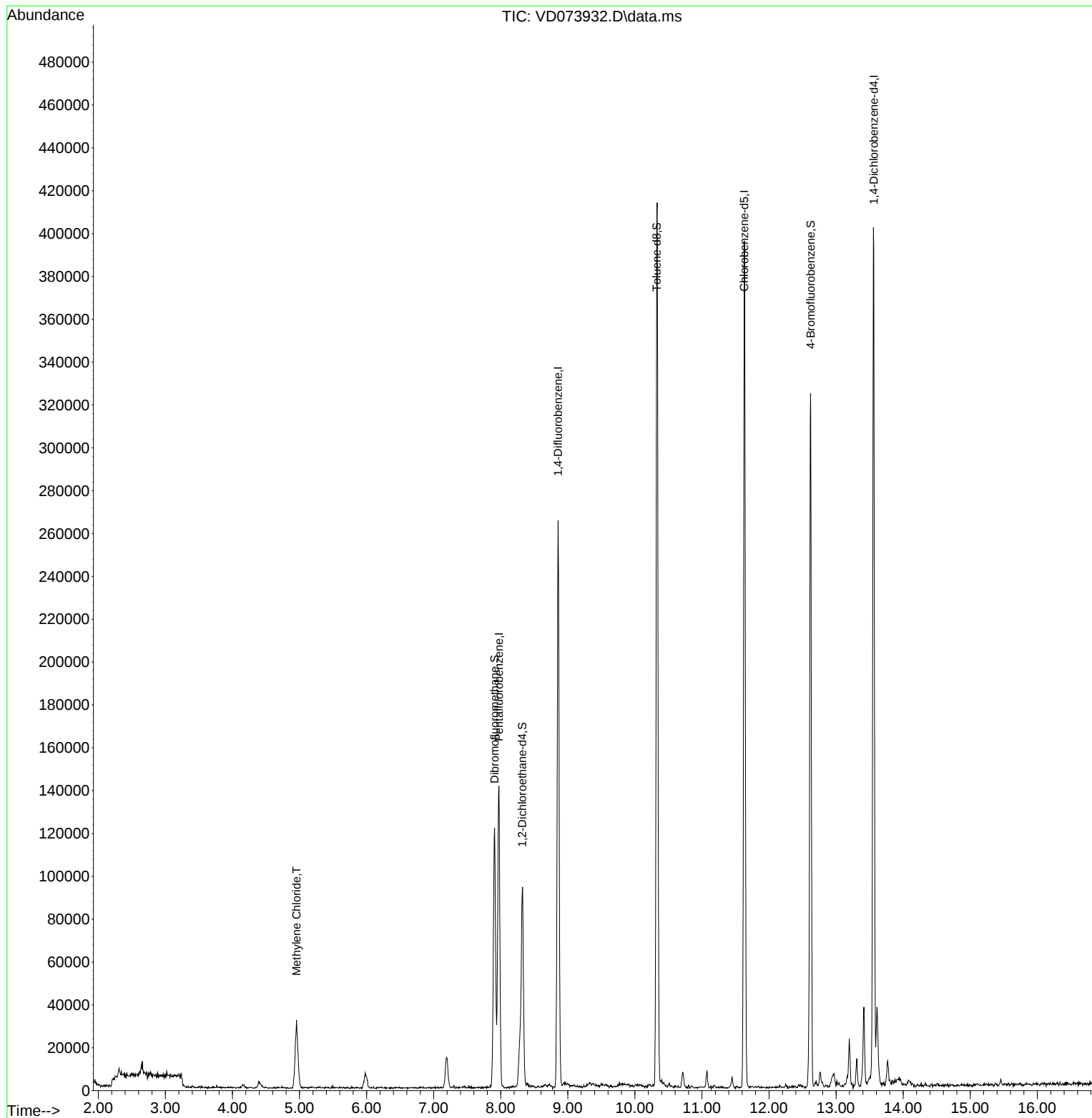
Internal Standards						
1) Pentafluorobenzene	7.973	168	102109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	223210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	225249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	105797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	70815	87.780	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 175.560%#	
35) Dibromofluoromethane	7.909	113	82752	59.669	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.340%	
50) Toluene-d8	10.326	98	282456	60.463	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 120.920%	
62) 4-Bromofluorobenzene	12.620	95	99963	58.188	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.380%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.956	84	22425	8.402	ug/l	98

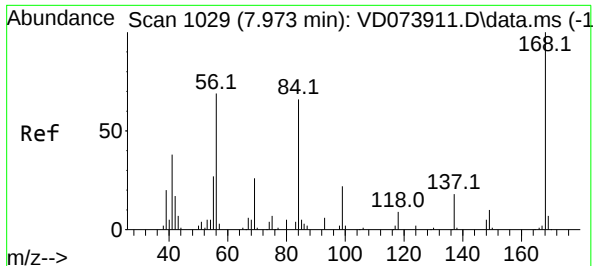
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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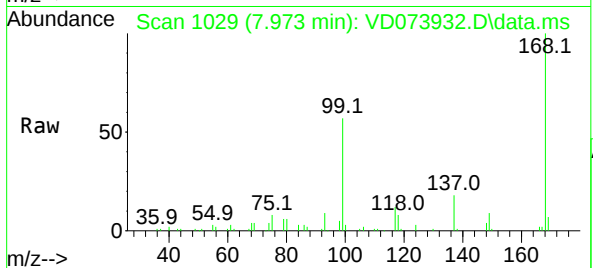
Quant Time: Aug 03 04:14:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 02 05:13:57 2022
Response via : Initial Calibration



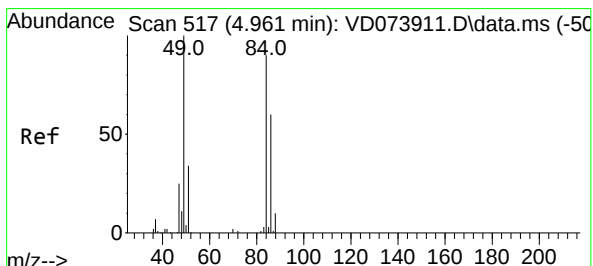
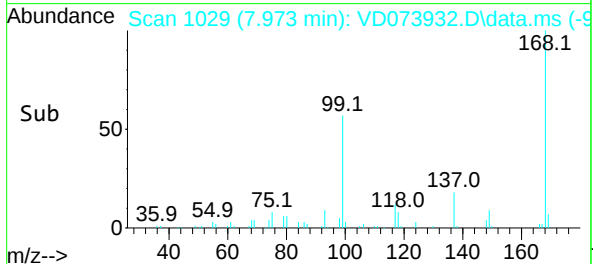
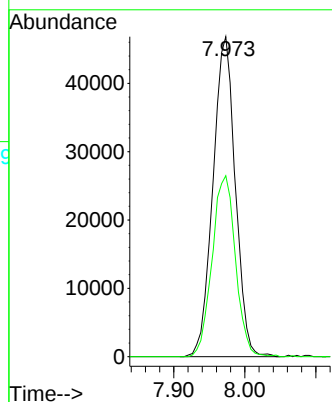


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073932.D
Acq: 02 Aug 2022 17:58

Instrument :
MSVOA_D
ClientSampleId :
TP2-0729RE

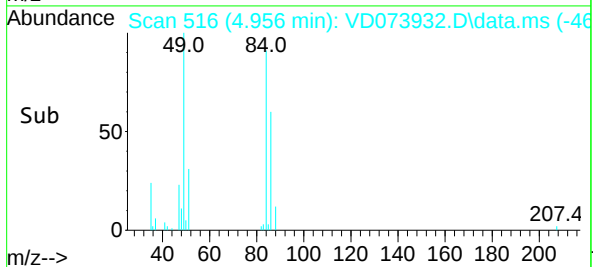
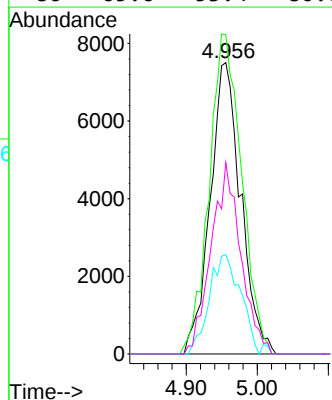
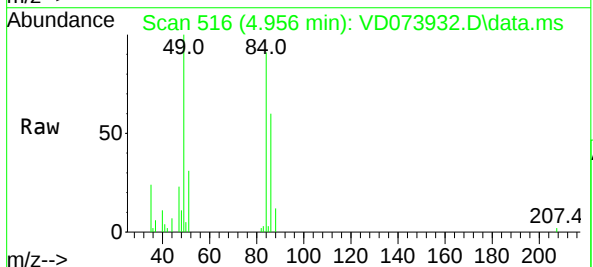


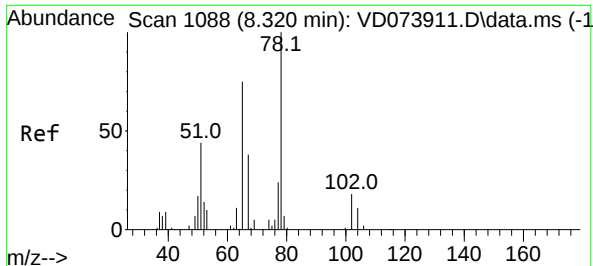
Tgt Ion:168 Resp: 102109
Ion Ratio Lower Upper
168 100
99 56.5 52.2 78.4



#20
Methylene Chloride
Concen: 8.402 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.005 min
Lab File: VD073932.D
Acq: 02 Aug 2022 17:58

Tgt Ion: 84 Resp: 22425
Ion Ratio Lower Upper
84 100
49 109.6 89.1 133.7
51 34.1 29.8 44.8
86 65.6 53.4 80.0





#33

1,2-Dichloroethane-d4

Concen: 87.780 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073932.D

Acq: 02 Aug 2022 17:58

Instrument :

MSVOA_D

ClientSampleId :

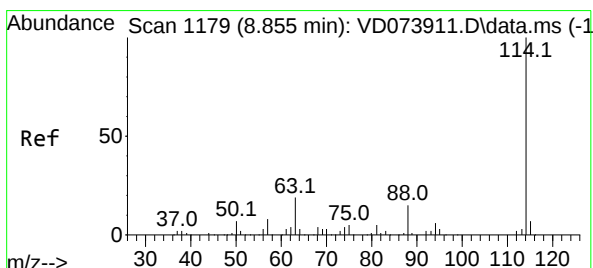
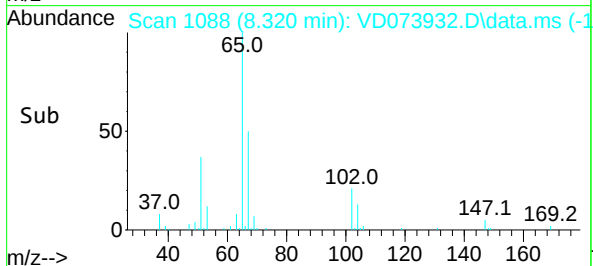
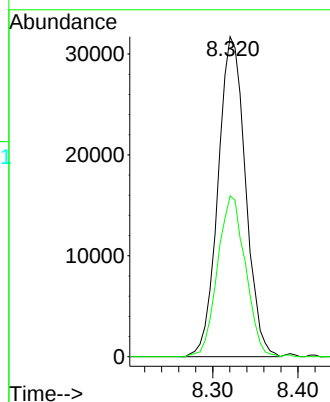
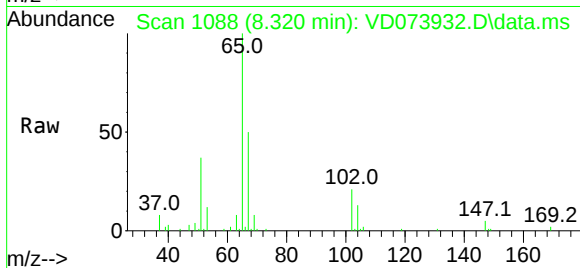
TP2-0729RE

Tgt Ion: 65 Resp: 70815

Ion Ratio Lower Upper

65 100

67 51.1 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: VD073932.D

Acq: 02 Aug 2022 17:58

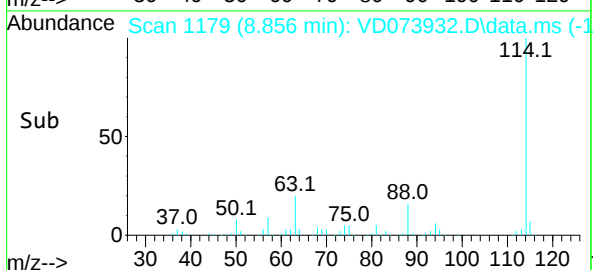
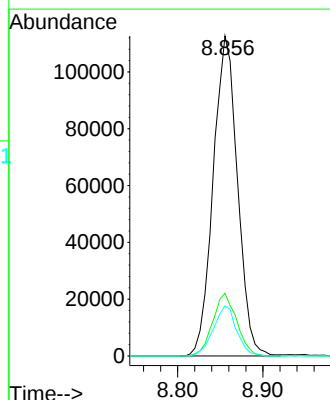
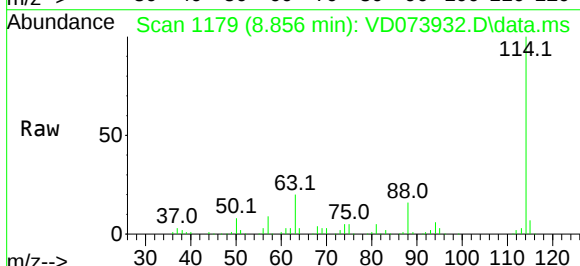
Tgt Ion: 114 Resp: 223210

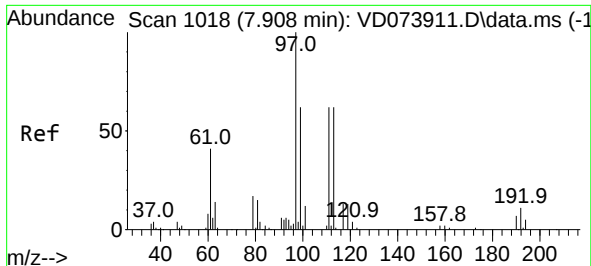
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.6

88 15.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 59.669 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073932.D

Acq: 02 Aug 2022 17:58

Instrument :

MSVOA_D

ClientSampleId :

TP2-0729RE

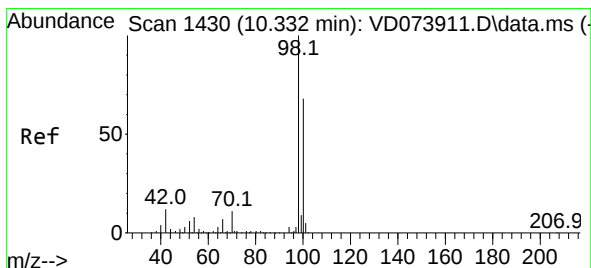
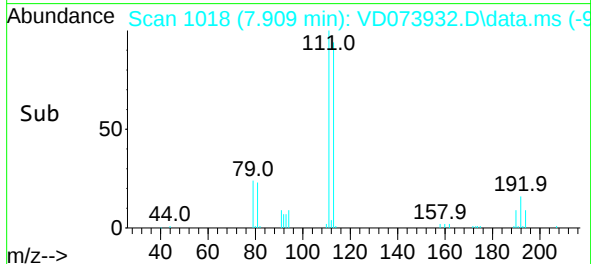
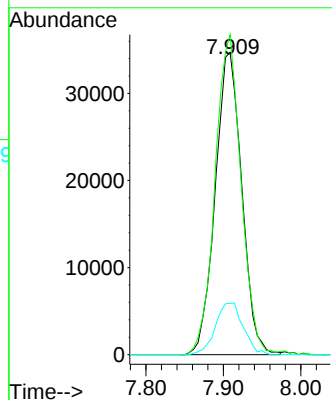
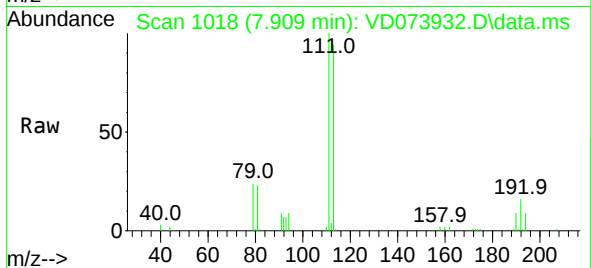
Tgt Ion:113 Resp: 82752

Ion Ratio Lower Upper

113 100

111 104.0 83.7 125.5

192 17.9 15.0 22.6



#50

Toluene-d8

Concen: 60.463 ug/l

RT: 10.326 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VD073932.D

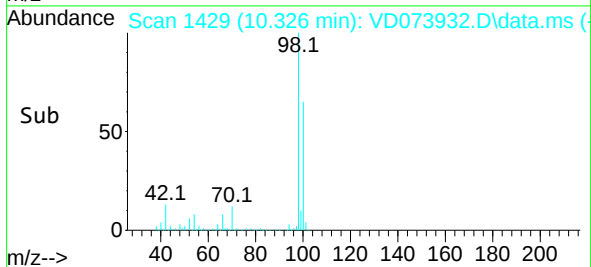
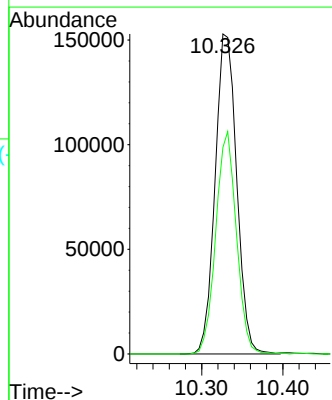
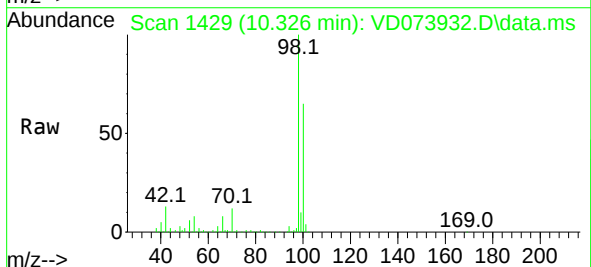
Acq: 02 Aug 2022 17:58

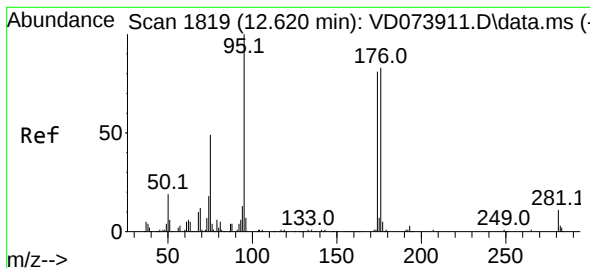
Tgt Ion: 98 Resp: 282456

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7

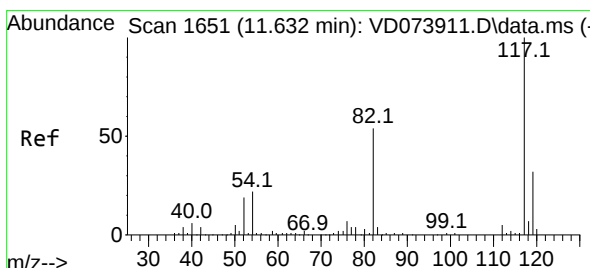
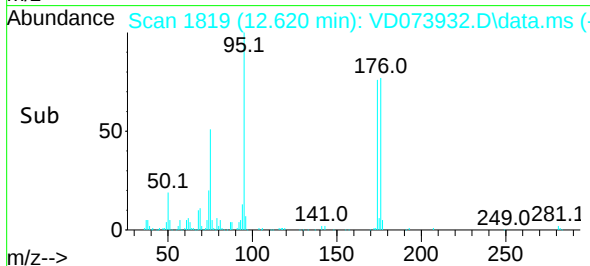
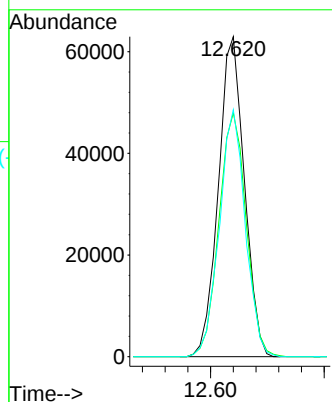
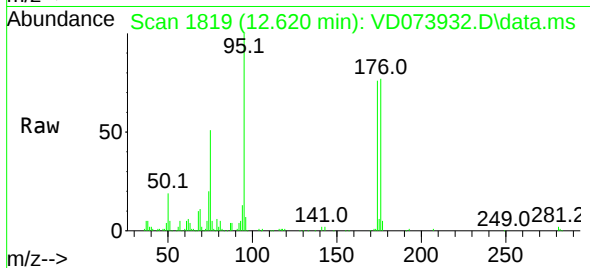




#62
4-Bromofluorobenzene
Concen: 58.188 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073932.D
Acq: 02 Aug 2022 17:58

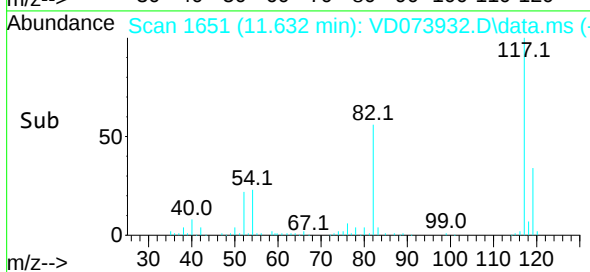
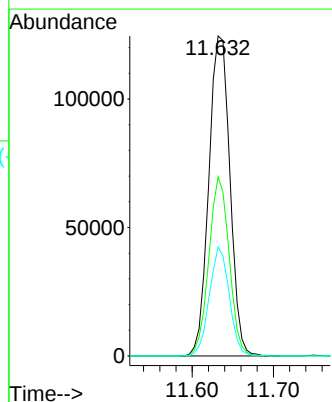
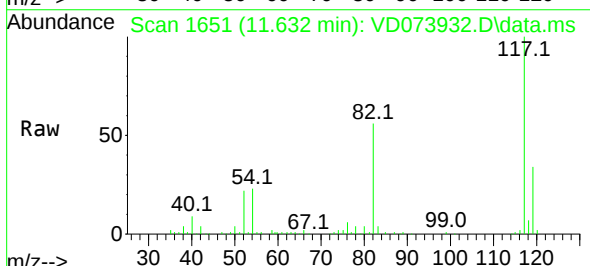
Instrument :
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ClientSampleId :
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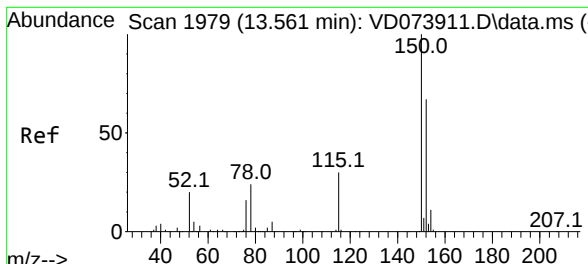
Tgt Ion: 95 Resp: 99963
Ion Ratio Lower Upper
95 100
174 80.0 0.0 164.2
176 76.9 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073932.D
Acq: 02 Aug 2022 17:58

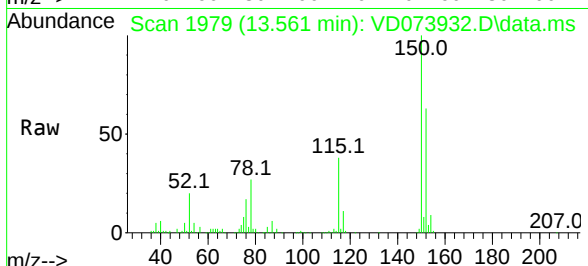
Tgt Ion: 117 Resp: 225249
Ion Ratio Lower Upper
117 100
82 56.0 43.3 64.9
119 34.1 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073932.D
 Acq: 02 Aug 2022 17:58

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-0729RE



Tgt Ion:	152	Resp:	105797
Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.1	87.3
150	157.0	0.0	338.2

