

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080822\
 Data File : VD073982.D
 Acq On : 08 Aug 2022 19:53
 Operator : VA/SY
 Sample : N3995-01RE
 Misc : 4.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-1RE

Quant Time: Aug 08 23:27:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 06 00:36:42 2022
 Response via : Initial Calibration

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

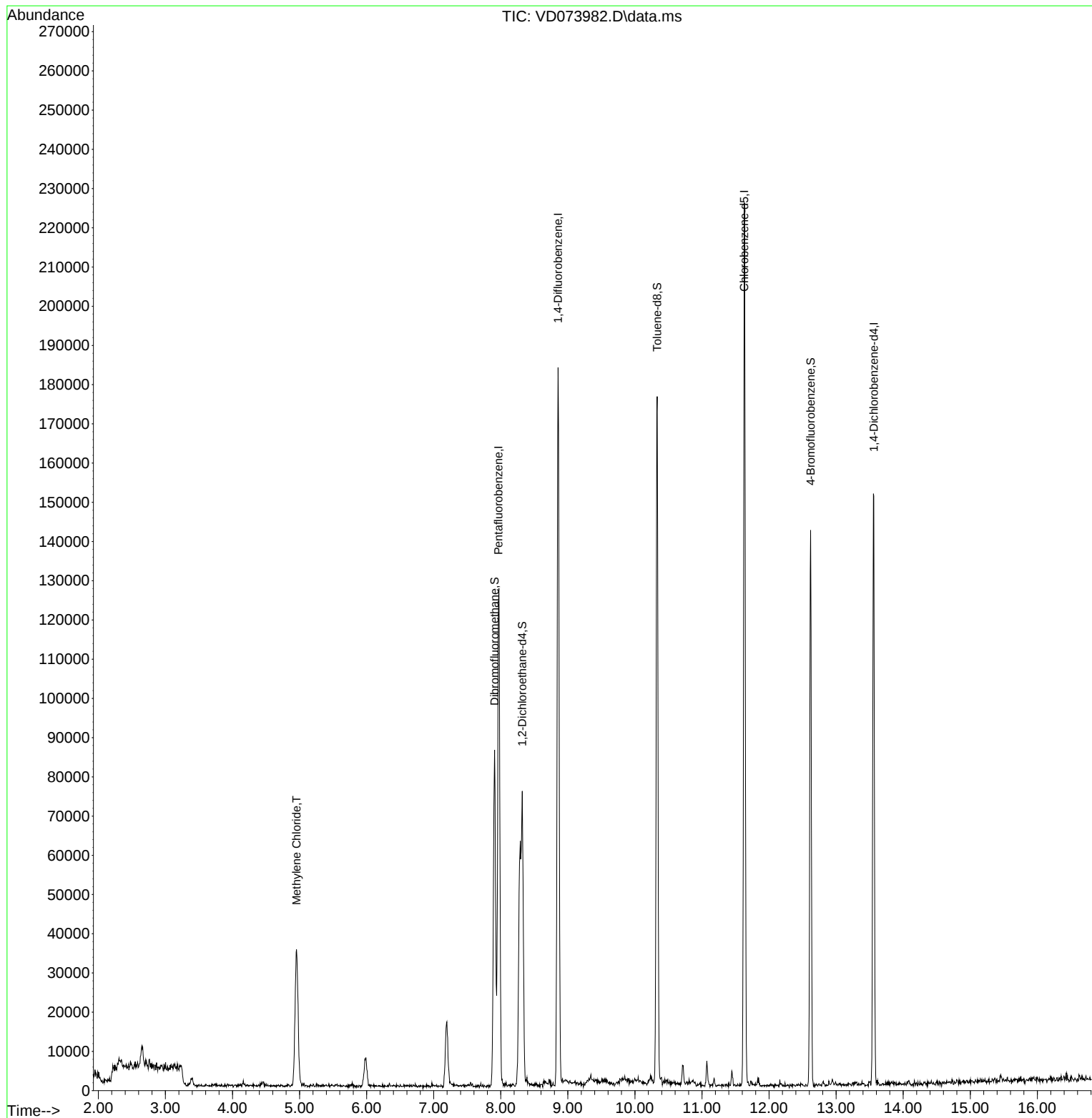
Internal Standards						
1) Pentafluorobenzene	7.967	168	90523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	157641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	125051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	39087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	50297	75.803	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.600%
35) Dibromofluoromethane	7.908	113	57893	59.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.220%
50) Toluene-d8	10.332	98	119628	44.261	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.520%
62) 4-Bromofluorobenzene	12.620	95	45105	34.848	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.700%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.956	84	28439	19.745	ug/l	92

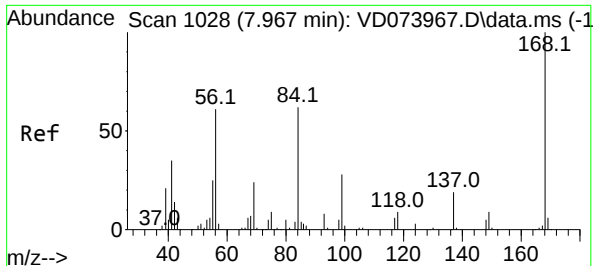
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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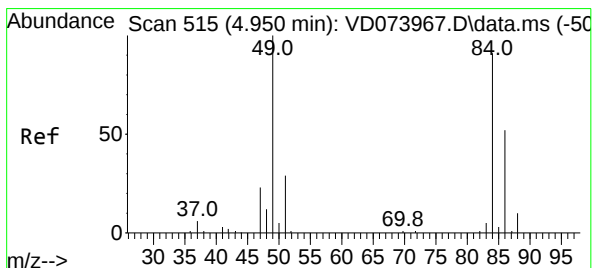
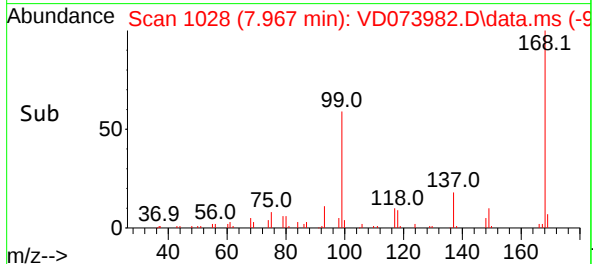
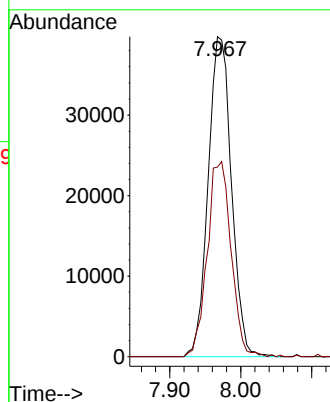
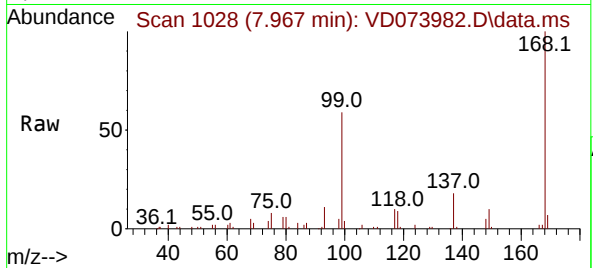




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073982.D
Acq: 08 Aug 2022 19:53

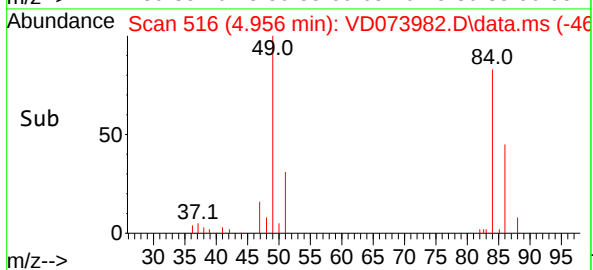
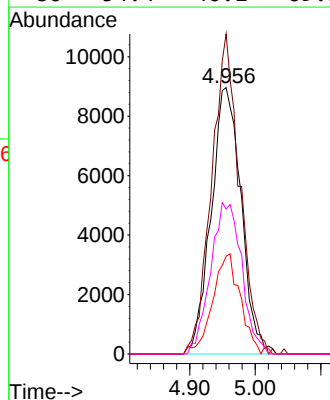
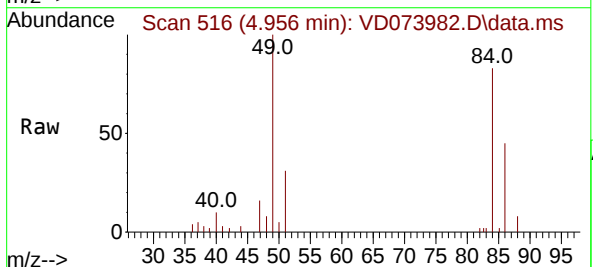
Instrument :
MSVOA_D
ClientSampleId :
COMP-1RE

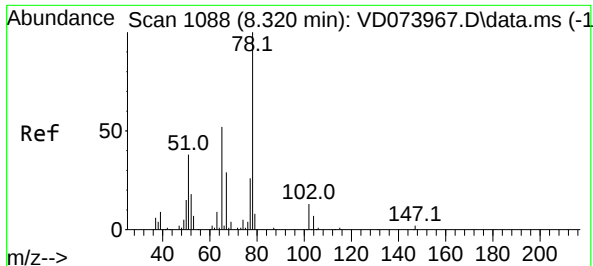
Tgt Ion:168 Resp: 90523
Ion Ratio Lower Upper
168 100
99 59.2 46.2 69.4



#20
Methylene Chloride
Concen: 19.745 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD073982.D
Acq: 08 Aug 2022 19:53

Tgt Ion: 84 Resp: 28439
Ion Ratio Lower Upper
84 100
49 120.1 87.9 131.9
51 36.7 25.7 38.5
86 54.4 46.1 69.1





#33

1,2-Dichloroethane-d4

Concen: 75.803 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073982.D

Acq: 08 Aug 2022 19:53

Instrument :

MSVOA_D

ClientSampleId :

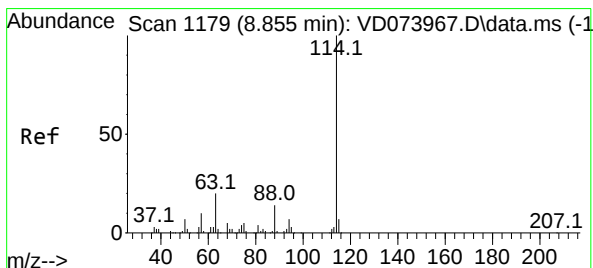
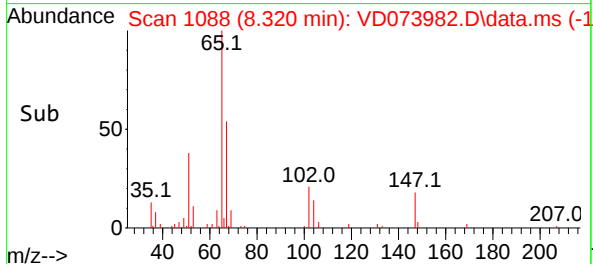
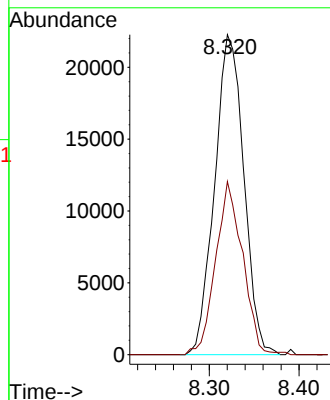
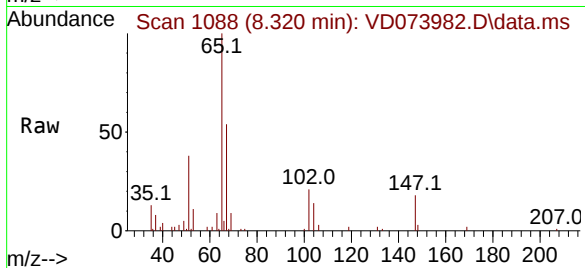
COMP-1RE

Tgt Ion: 65 Resp: 50297

Ion Ratio Lower Upper

65 100

67 50.2 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073982.D

Acq: 08 Aug 2022 19:53

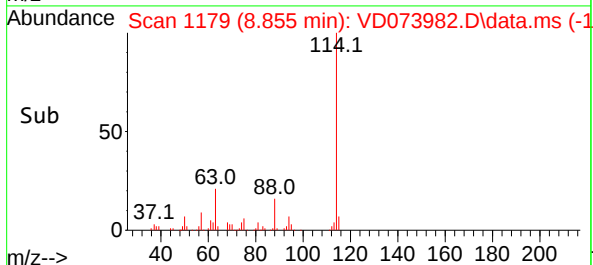
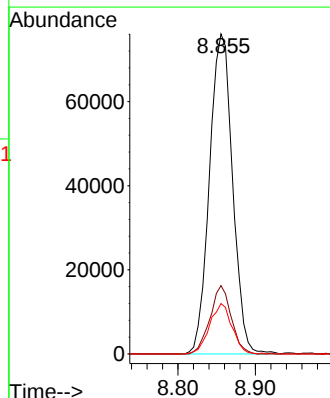
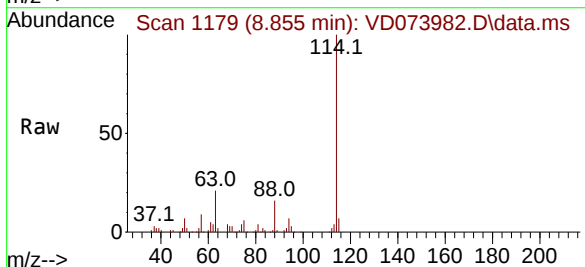
Tgt Ion: 114 Resp: 157641

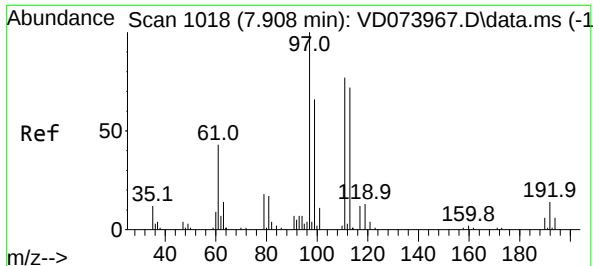
Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.8

88 15.8 0.0 28.0





#35

Dibromofluoromethane

Concen: 59.610 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073982.D

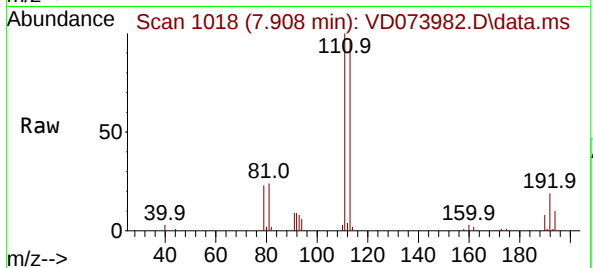
Acq: 08 Aug 2022 19:53

Instrument :

MSVOA_D

ClientSampleId :

COMP-1RE



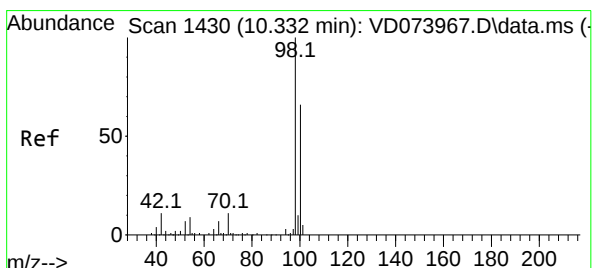
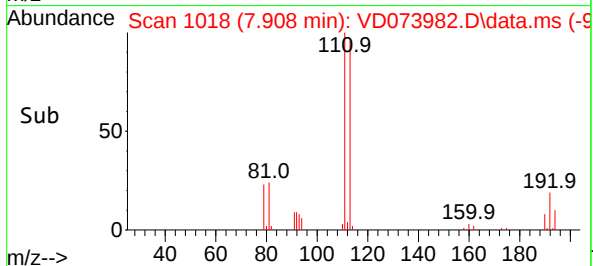
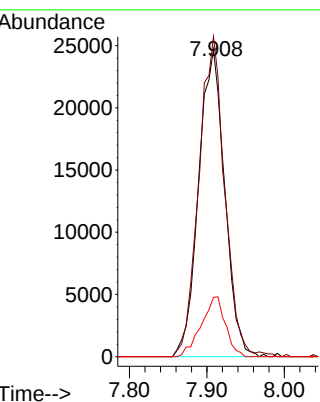
Tgt Ion:113 Resp: 57893

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.4

192 18.0 14.8 22.2



#50

Toluene-d8

Concen: 44.261 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073982.D

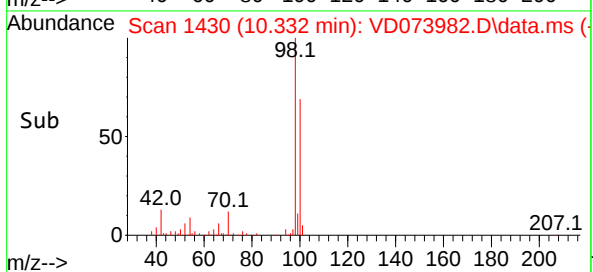
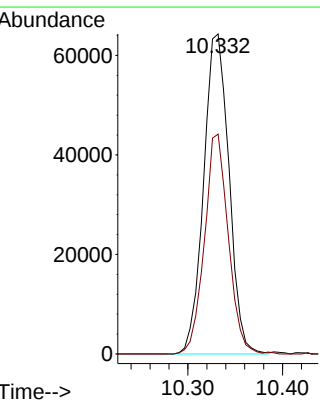
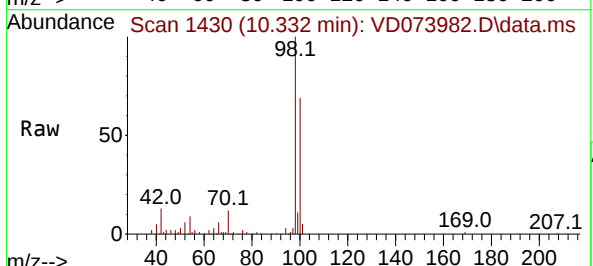
Acq: 08 Aug 2022 19:53

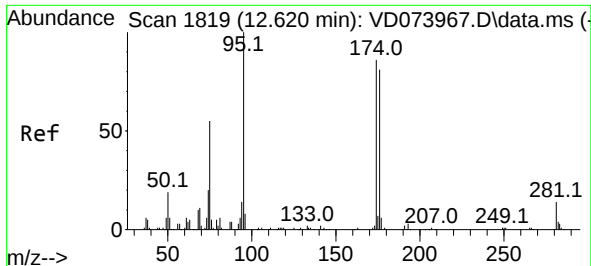
Tgt Ion: 98 Resp: 119628

Ion Ratio Lower Upper

98 100

100 64.7 52.4 78.6

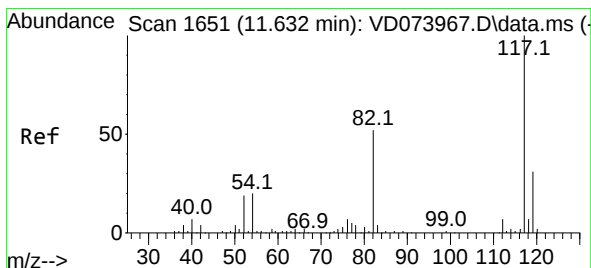
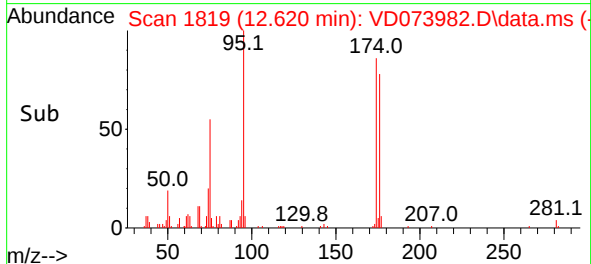
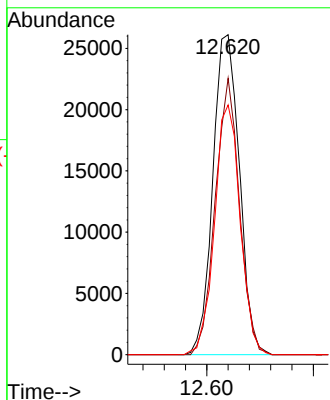
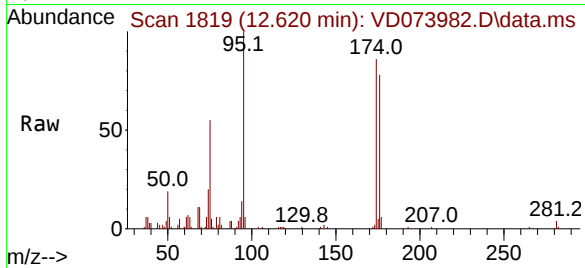




#62
4-Bromofluorobenzene
Concen: 34.848 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073982.D
Acq: 08 Aug 2022 19:53

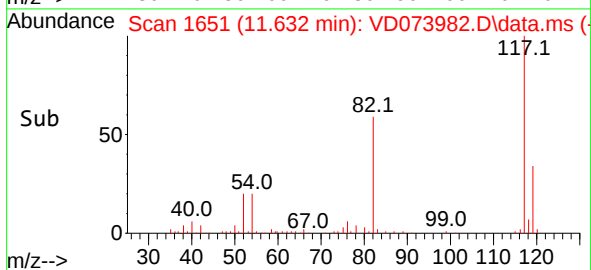
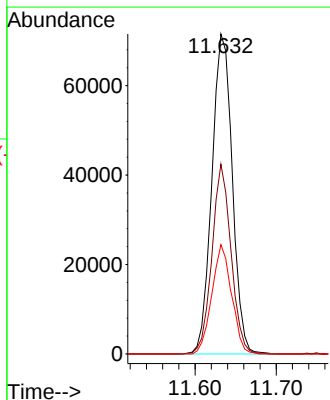
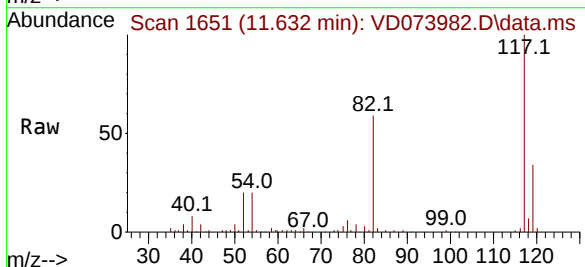
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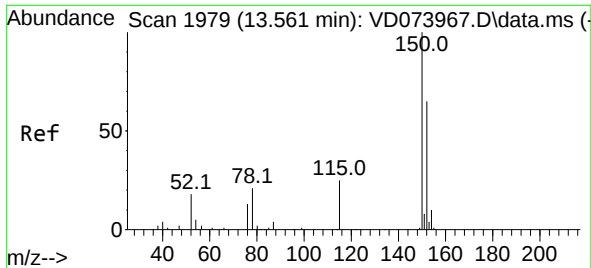
Tgt Ion: 95 Resp: 45105
Ion Ratio Lower Upper
95 100
174 78.8 0.0 163.0
176 75.3 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073982.D
Acq: 08 Aug 2022 19:53

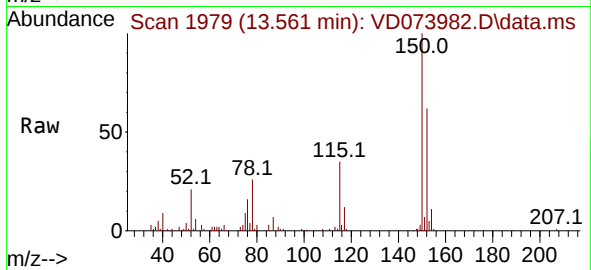
Tgt Ion: 117 Resp: 125051
Ion Ratio Lower Upper
117 100
82 59.3 42.0 63.0
119 34.1 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073982.D
 Acq: 08 Aug 2022 19:53

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-1RE



Tgt Ion:152 Resp: 39087
 Ion Ratio Lower Upper
 152 100
 115 60.3 30.4 91.3
 150 161.4 0.0 357.2

