

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080822\
 Data File : VD073984.D
 Acq On : 08 Aug 2022 20:53
 Operator : VA/SY
 Sample : N3995-03
 Misc : 5.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-3

Quant Time: Aug 08 23:27:48 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)

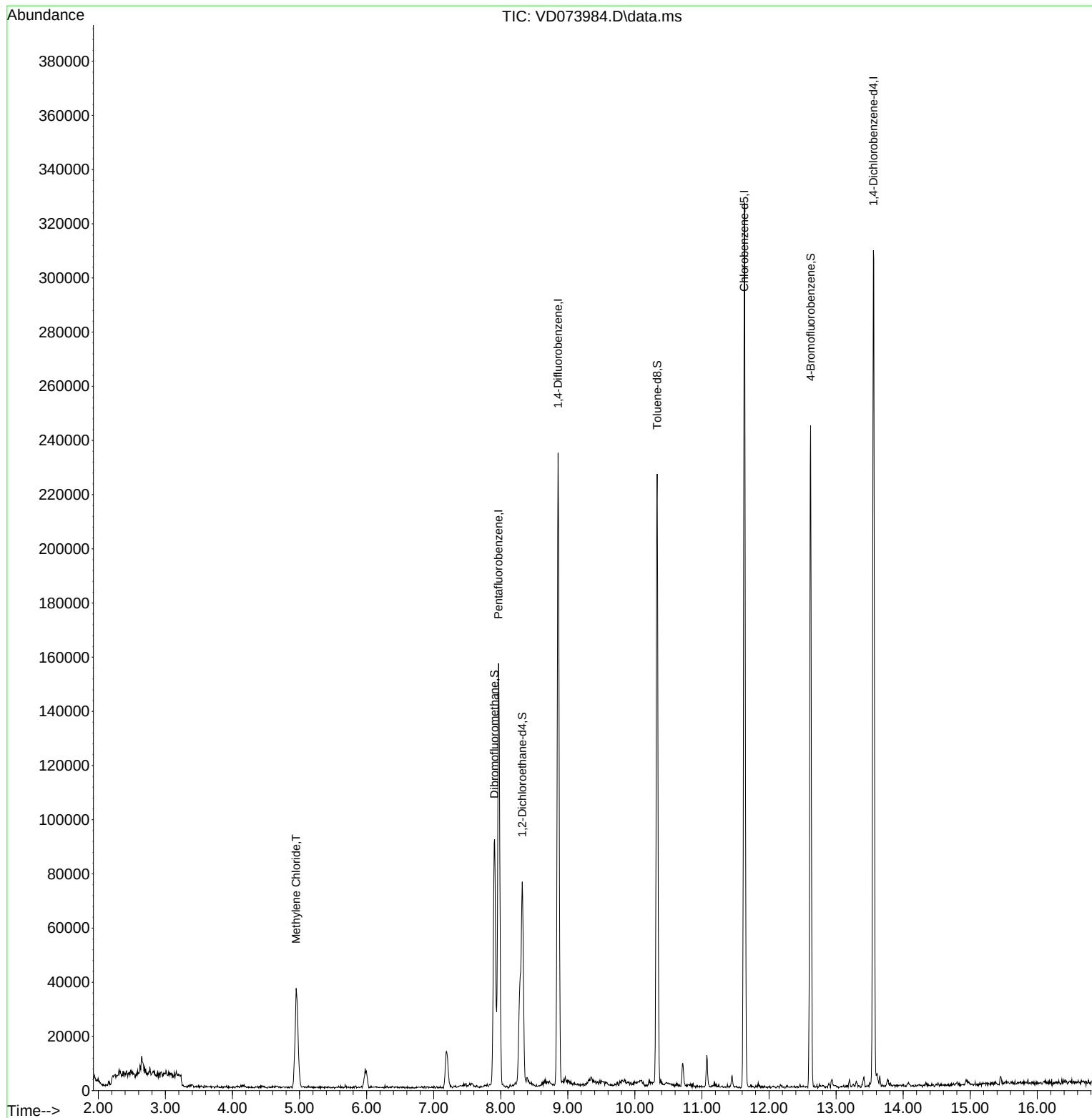
Internal Standards						
1) Pentafluorobenzene	7.967	168	106784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	190204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	181190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	82827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	54859	69.449	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.900%
35) Dibromofluoromethane	7.903	113	63539	54.223	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.440%
50) Toluene-d8	10.332	98	155821	48.161	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.620	95	72713	46.560	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.120%
Target Compounds						
20) Methylene Chloride	4.950	84	27739	14.007	ug/l	Qvalue # 90

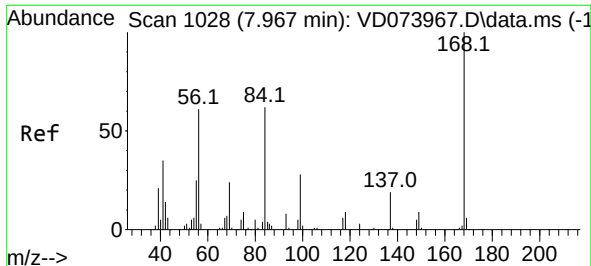
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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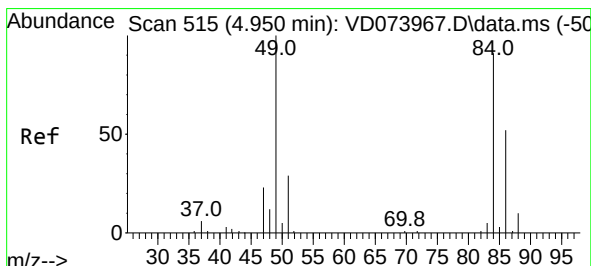
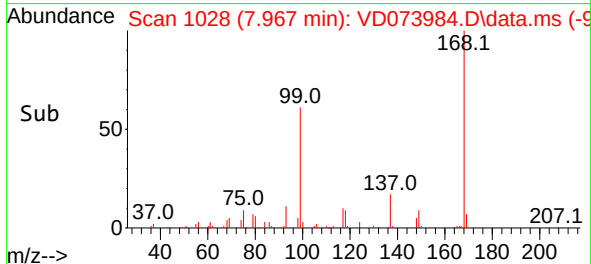
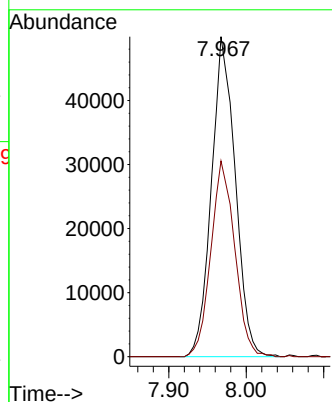
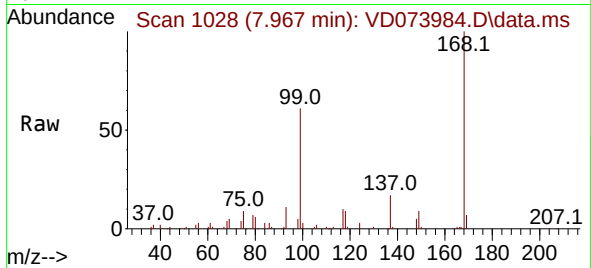




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073984.D
Acq: 08 Aug 2022 20:53

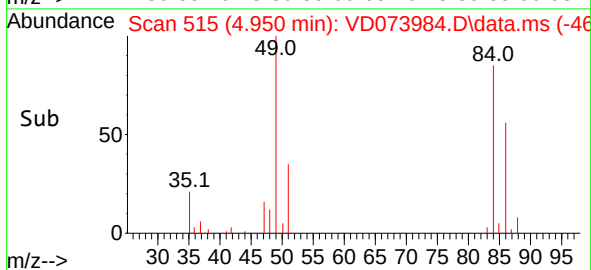
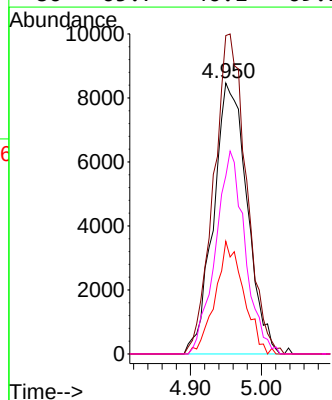
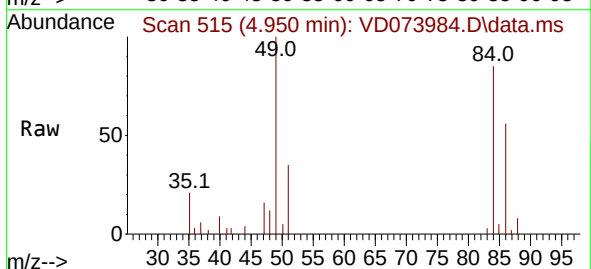
Instrument :
MSVOA_D
ClientSampleId :
COMP-3

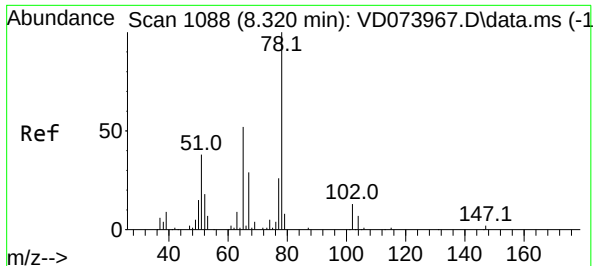
Tgt Ion:168 Resp: 106784
Ion Ratio Lower Upper
168 100
99 61.2 46.2 69.4



#20
Methylene Chloride
Concen: 14.007 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.000 min
Lab File: VD073984.D
Acq: 08 Aug 2022 20:53

Tgt Ion: 84 Resp: 27739
Ion Ratio Lower Upper
84 100
49 117.6 87.9 131.9
51 41.6 25.7 38.5#
86 65.7 46.1 69.1





#33

1,2-Dichloroethane-d4

Concen: 69.449 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073984.D

Acq: 08 Aug 2022 20:53

Instrument :

MSVOA_D

ClientSampleId :

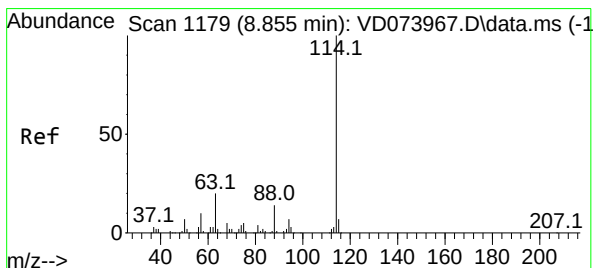
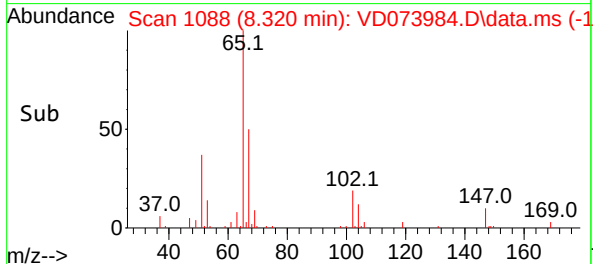
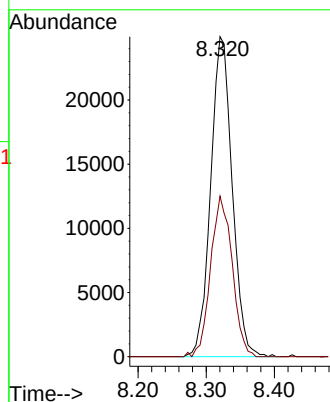
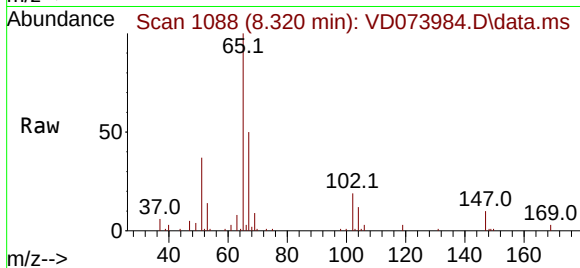
COMP-3

Tgt Ion: 65 Resp: 54859

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: VD073984.D

Acq: 08 Aug 2022 20:53

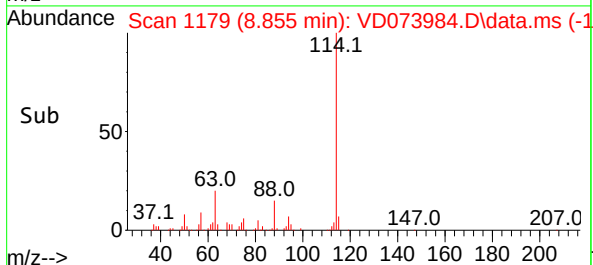
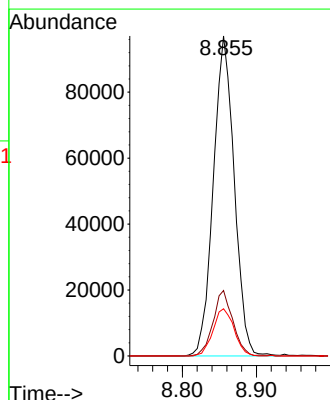
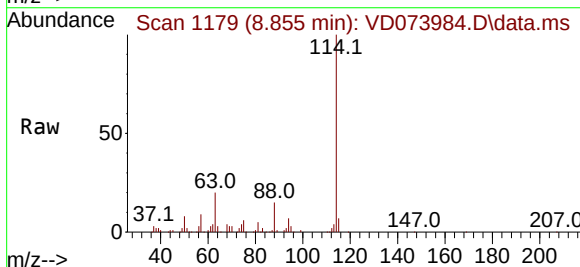
Tgt Ion: 114 Resp: 190204

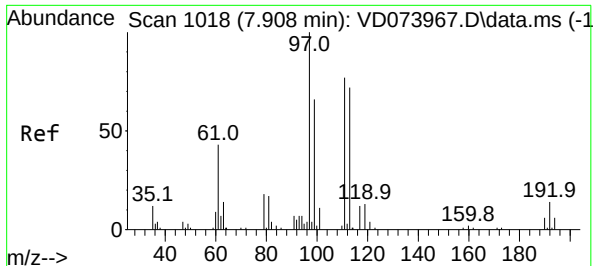
Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.8

88 14.7 0.0 28.0





#35

Dibromofluoromethane

Concen: 54.223 ug/l

RT: 7.903 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073984.D

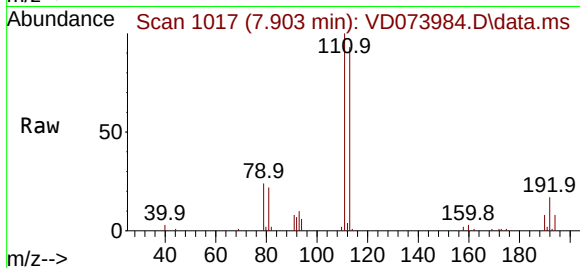
Acq: 08 Aug 2022 20:53

Instrument :

MSVOA_D

ClientSampleId :

COMP-3



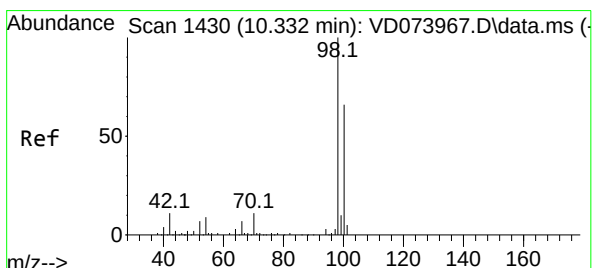
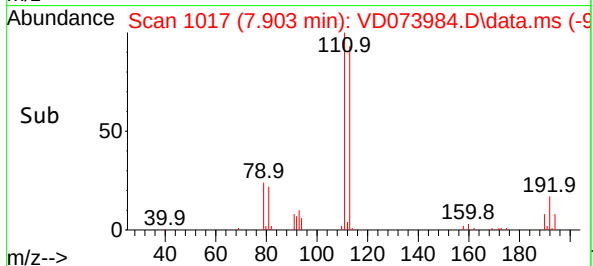
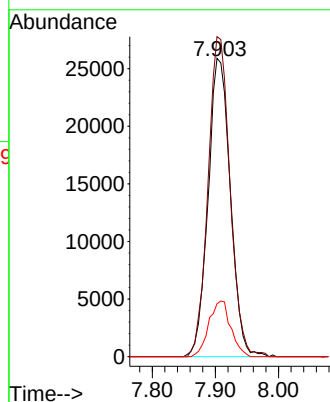
Tgt Ion:113 Resp: 63539

Ion Ratio Lower Upper

113 100

111 105.6 83.0 124.4

192 18.3 14.8 22.2



#50

Toluene-d8

Concen: 48.161 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073984.D

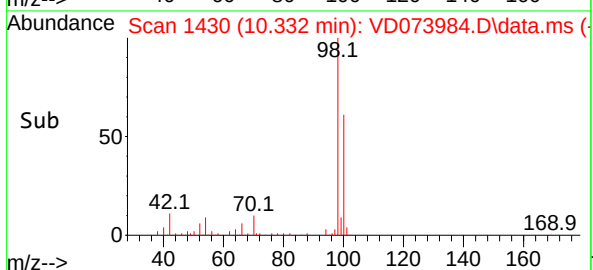
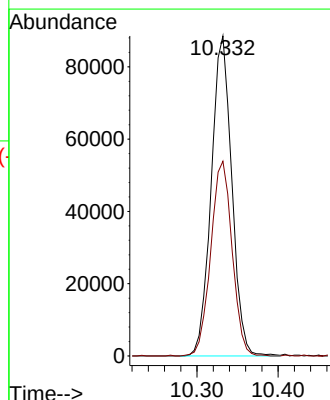
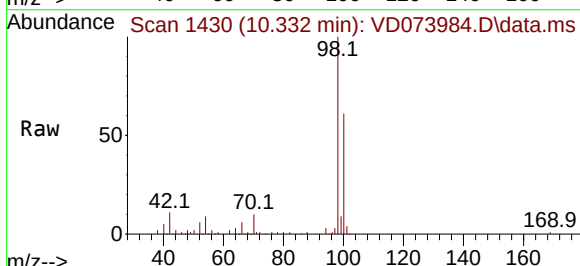
Acq: 08 Aug 2022 20:53

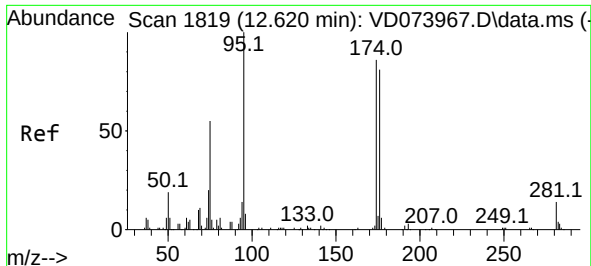
Tgt Ion: 98 Resp: 155821

Ion Ratio Lower Upper

98 100

100 63.1 52.4 78.6

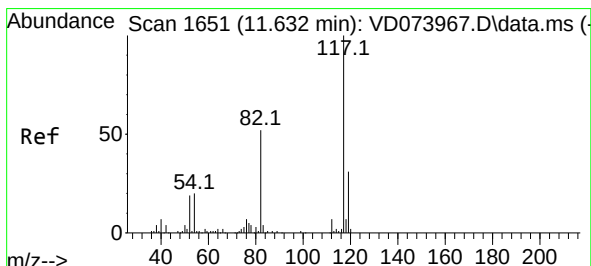
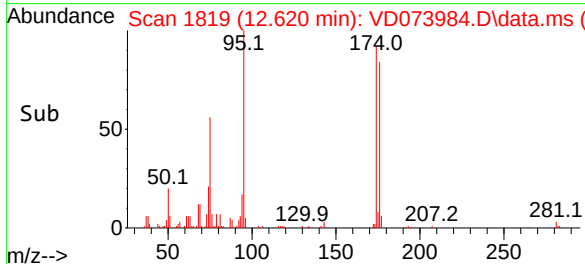
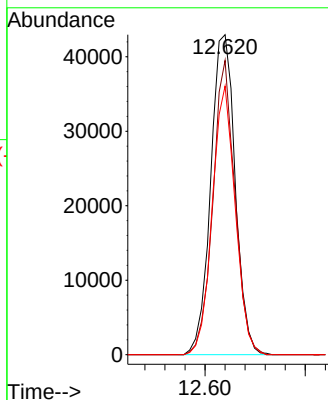
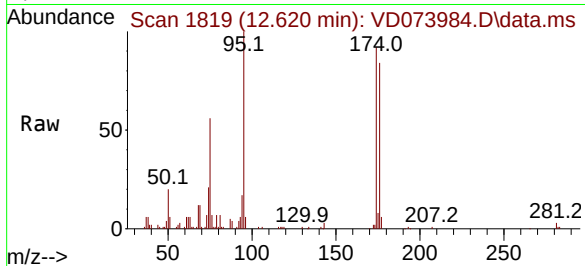




#62
4-Bromofluorobenzene
Concen: 46.560 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073984.D
Acq: 08 Aug 2022 20:53

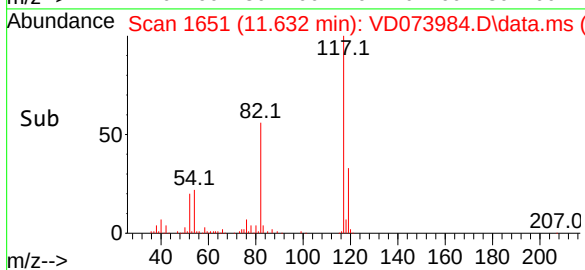
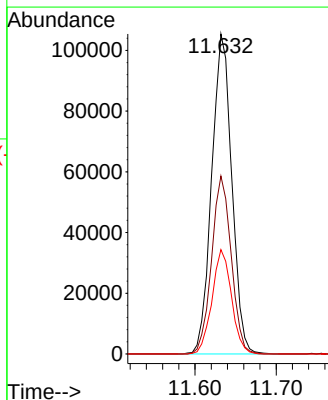
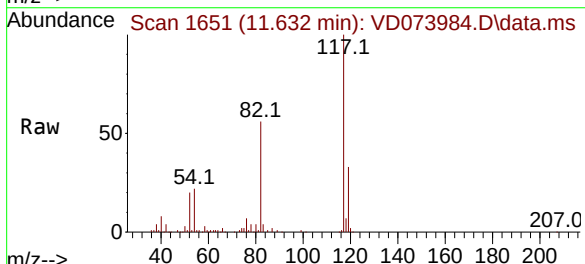
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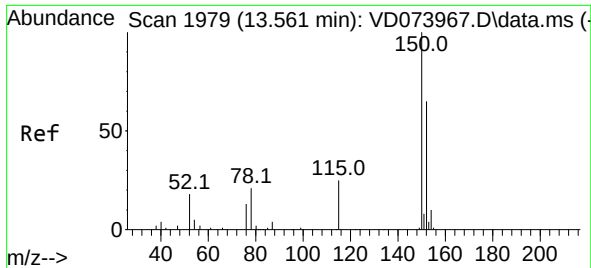
Tgt Ion: 95 Resp: 72713
Ion Ratio Lower Upper
95 100
174 83.4 0.0 163.0
176 79.1 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073984.D
Acq: 08 Aug 2022 20:53

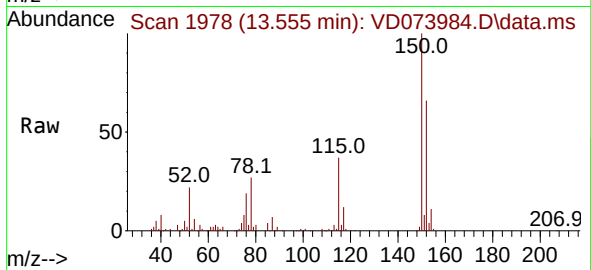
Tgt Ion: 117 Resp: 181190
Ion Ratio Lower Upper
117 100
82 55.6 42.0 63.0
119 32.6 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1978
 Delta R.T. -0.006 min
 Lab File: VD073984.D
 Acq: 08 Aug 2022 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-3



Tgt Ion:152 Resp: 82827
 Ion Ratio Lower Upper
 152 100
 115 60.9 30.4 91.3
 150 154.2 0.0 357.2

