

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082622\
 Data File : VD074238.D
 Acq On : 26 Aug 2022 15:28
 Operator : VA/SY
 Sample : N4323-01
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-082322

Quant Time: Aug 26 16:00:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

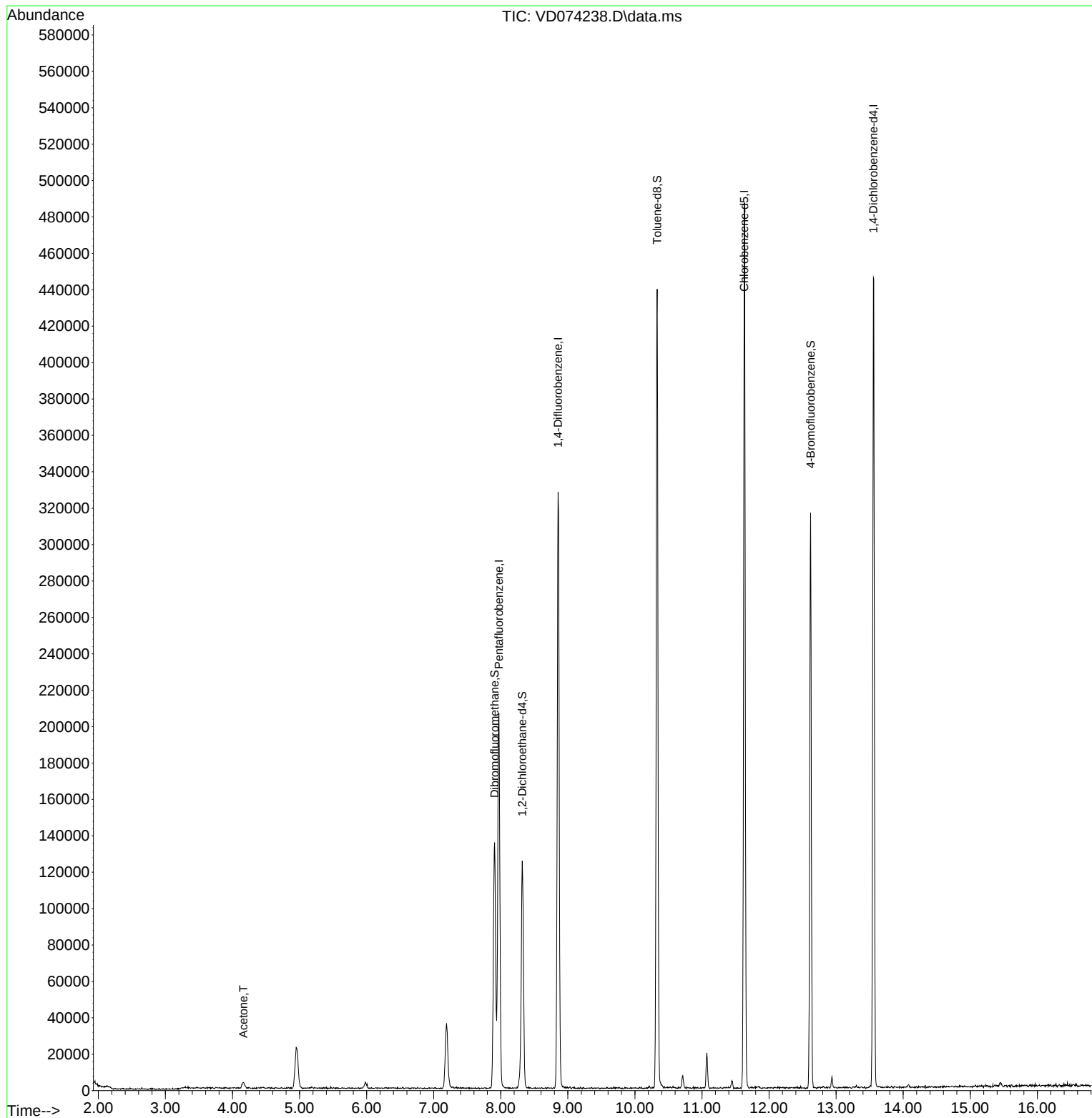
Internal Standards						
1) Pentafluorobenzene	7.973	168	151862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	283217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	273561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	121945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	103280	66.555	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	133.120%	
35) Dibromofluoromethane	7.908	113	97808	51.630	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	103.260%	
50) Toluene-d8	10.332	98	299138	49.064	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	98.120%	
62) 4-Bromofluorobenzene	12.620	95	103351	42.909	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	85.820%	
Target Compounds						
16) Acetone	4.162	43	6042	20.437	ug/l	Qvalue # 83

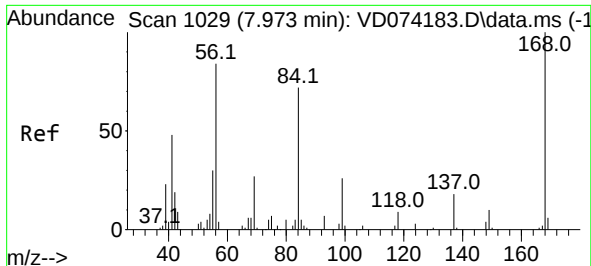
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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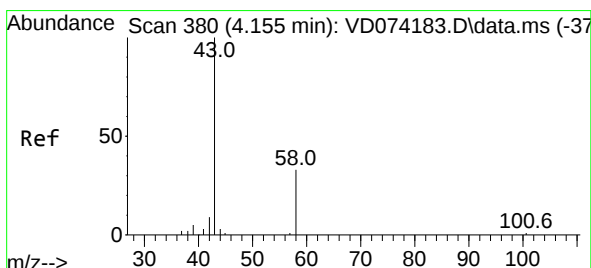
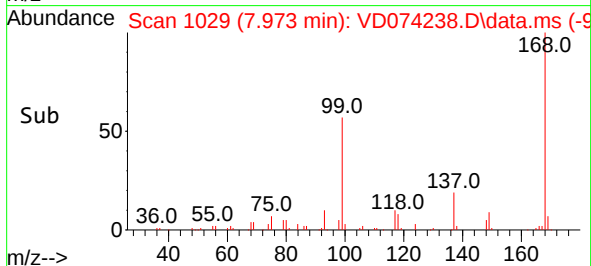
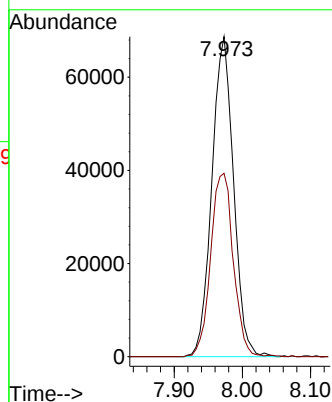
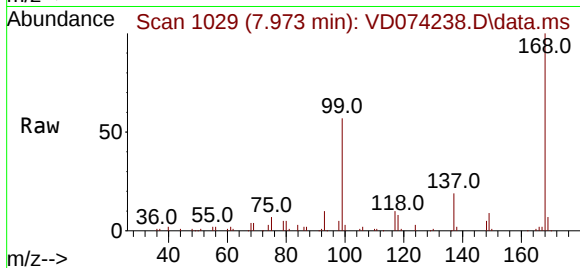




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074238.D
Acq: 26 Aug 2022 15:28

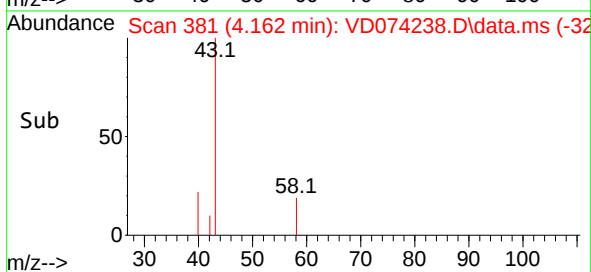
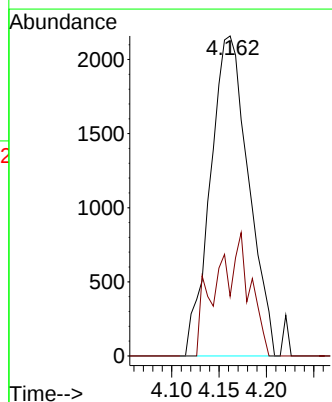
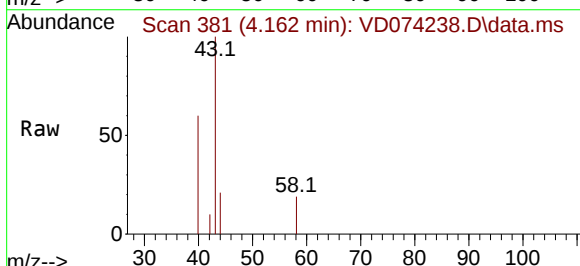
Instrument :
MSVOA_D
ClientSampleId :
TR-05-082322

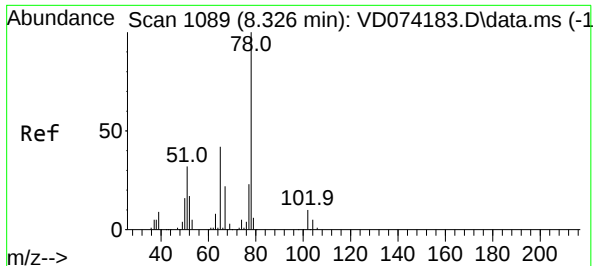
Tgt Ion:168 Resp: 151862
Ion Ratio Lower Upper
168 100
99 57.3 49.8 74.6



#16
Acetone
Concen: 20.437 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.007 min
Lab File: VD074238.D
Acq: 26 Aug 2022 15:28

Tgt Ion: 43 Resp: 6042
Ion Ratio Lower Upper
43 100
58 18.7 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 66.555 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD074238.D

Acq: 26 Aug 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

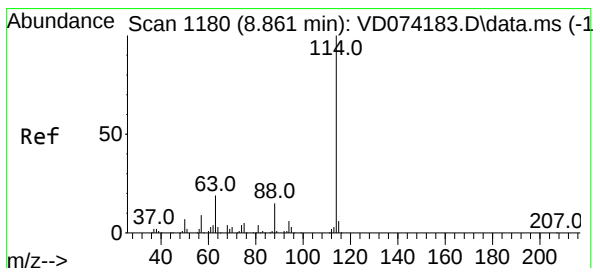
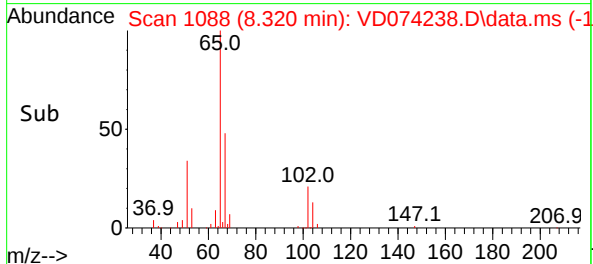
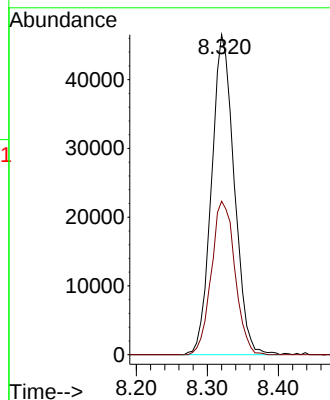
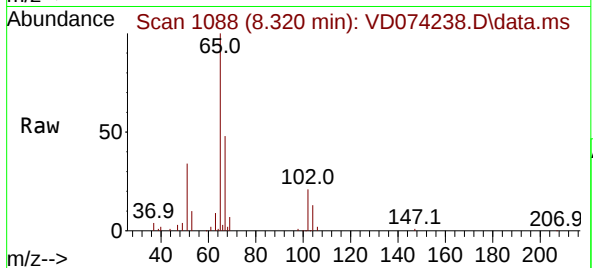
TR-05-082322

Tgt Ion: 65 Resp: 103280

Ion Ratio Lower Upper

65 100

67 49.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074238.D

Acq: 26 Aug 2022 15:28

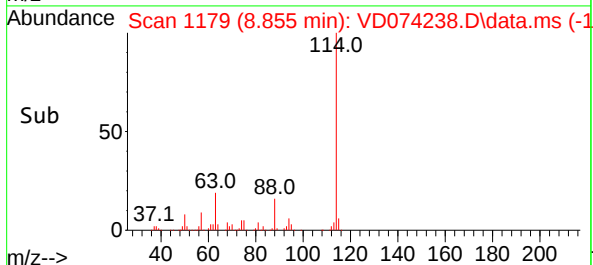
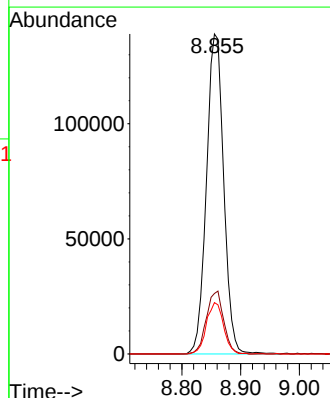
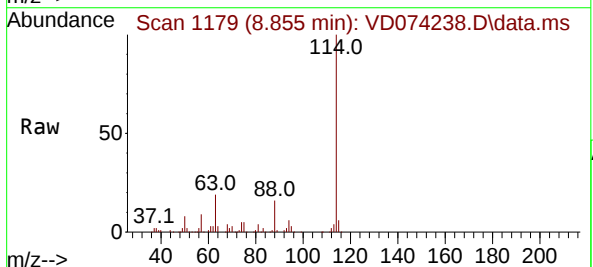
Tgt Ion: 114 Resp: 283217

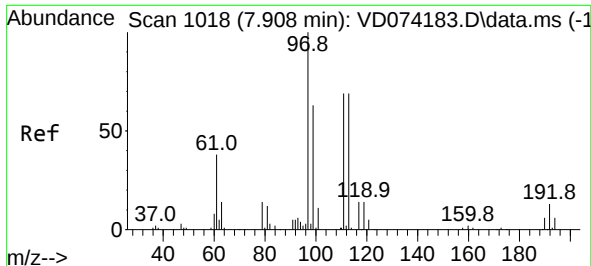
Ion Ratio Lower Upper

114 100

63 18.9 0.0 46.6

88 16.1 0.0 33.2

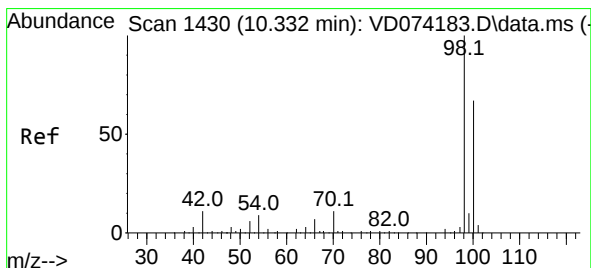
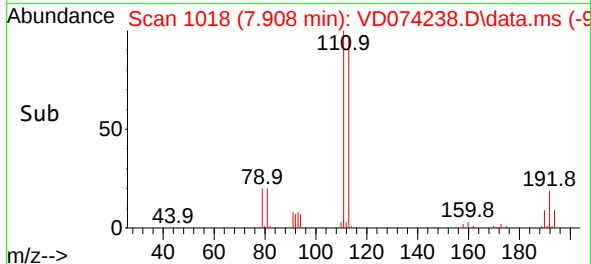
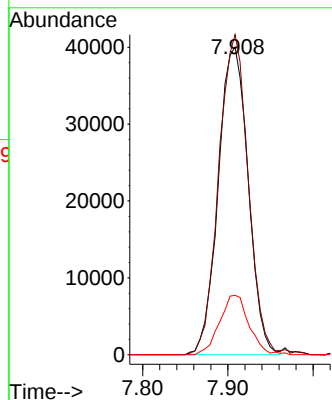
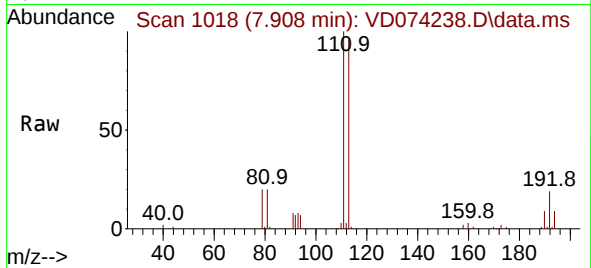




#35
Dibromofluoromethane
Concen: 51.630 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD074238.D
Acq: 26 Aug 2022 15:28

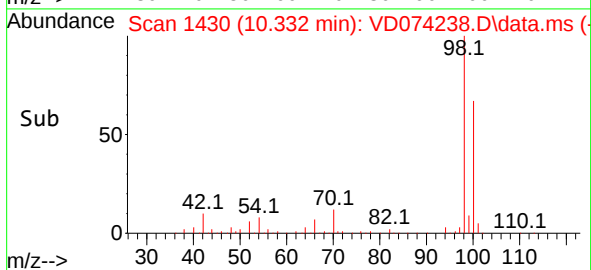
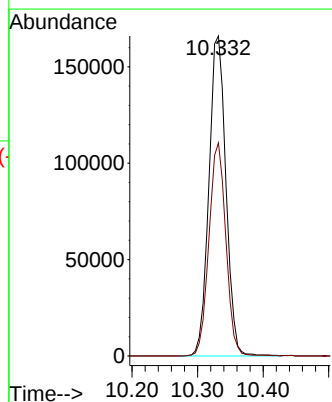
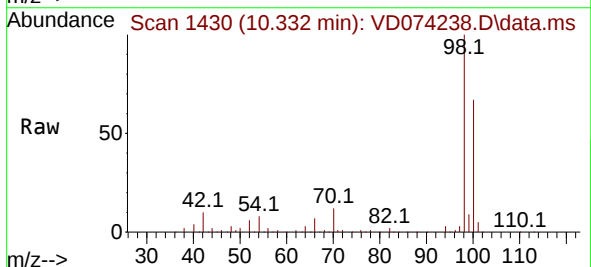
Instrument :
MSVOA_D
ClientSampleId :
TR-05-082322

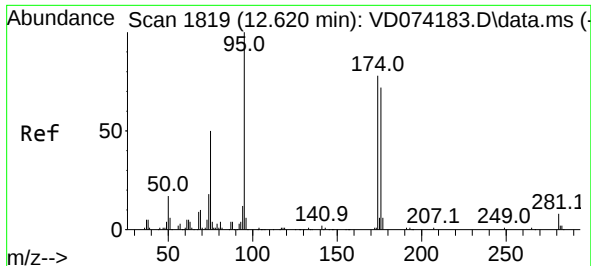
Tgt Ion:113 Resp: 97808
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 18.9 14.6 21.8



#50
Toluene-d8
Concen: 49.064 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074238.D
Acq: 26 Aug 2022 15:28

Tgt Ion: 98 Resp: 299138
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

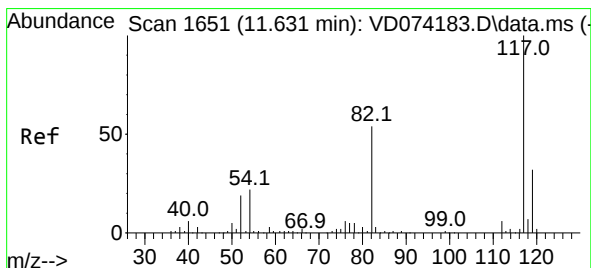
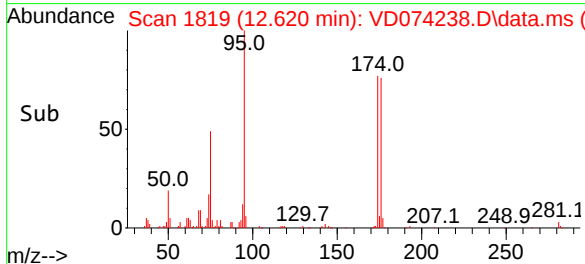
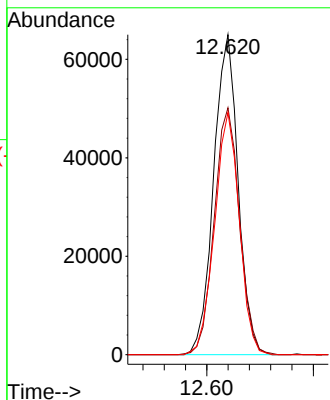
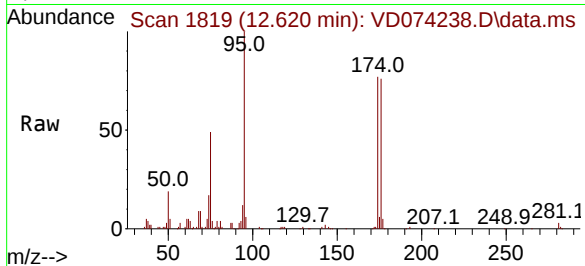




#62
4-Bromofluorobenzene
Concen: 42.909 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074238.D
Acq: 26 Aug 2022 15:28

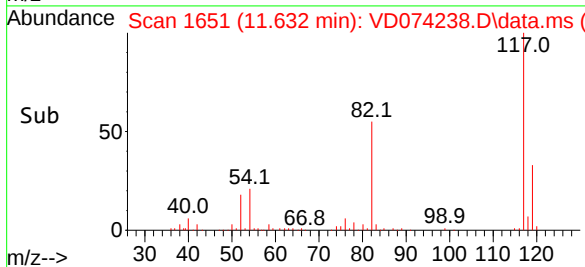
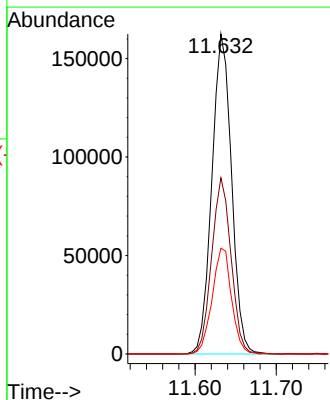
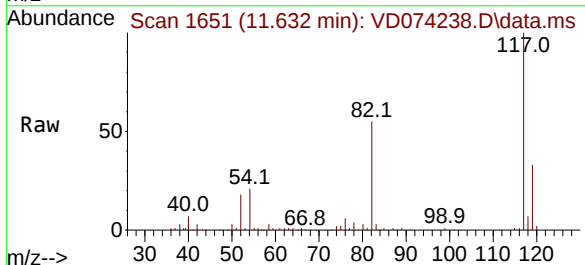
Instrument :
MSVOA_D
ClientSampleId :
TR-05-082322

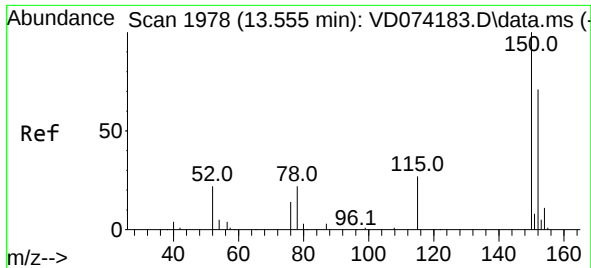
Tgt Ion: 95 Resp: 103351
Ion Ratio Lower Upper
95 100
174 80.1 0.0 152.8
176 76.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.001 min
Lab File: VD074238.D
Acq: 26 Aug 2022 15:28

Tgt Ion: 117 Resp: 273561
Ion Ratio Lower Upper
117 100
82 55.0 45.3 67.9
119 33.0 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1978

Delta R.T. 0.000 min

Lab File: VD074238.D

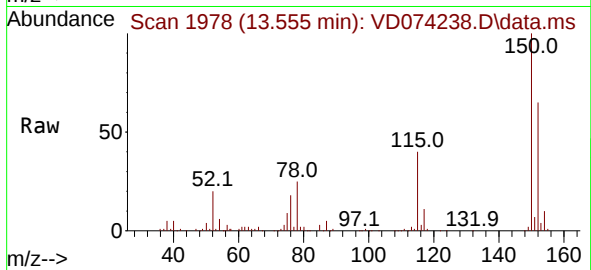
Acq: 26 Aug 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

TR-05-082322



Tgt Ion:152 Resp: 121945

Ion Ratio Lower Upper

152 100

115 60.7 31.3 93.8

150 156.9 0.0 348.6

