

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081622\
 Data File : VD074105.D
 Acq On : 16 Aug 2022 16:54
 Operator : VA/SY
 Sample : N4202-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB10

Quant Time: Aug 16 17:42:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

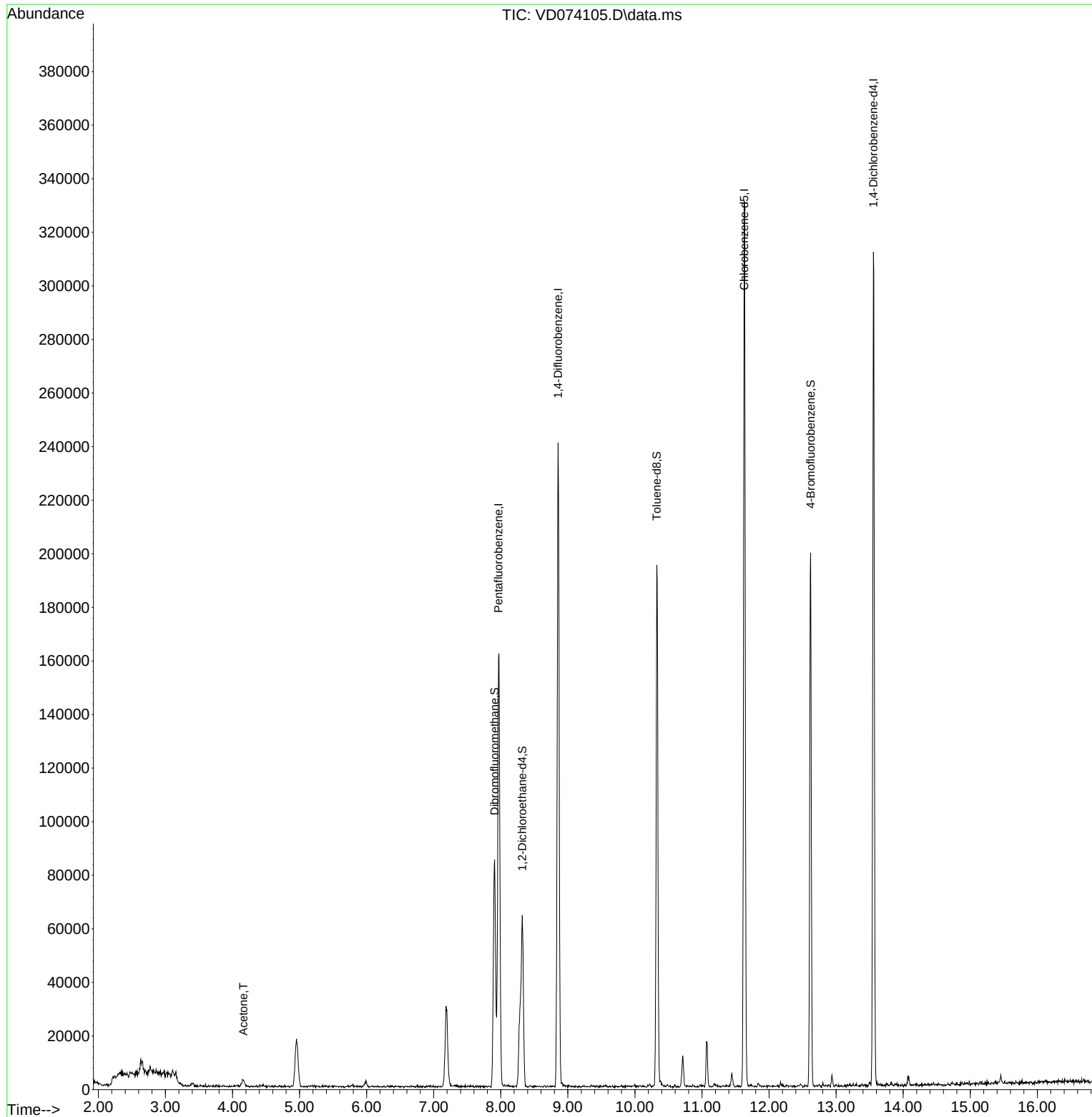
Internal Standards						
1) Pentafluorobenzene	7.967	168	116201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	207979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	190508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	80631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	47918	56.347	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.700%
35) Dibromofluoromethane	7.908	113	58210	43.799	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.600%
50) Toluene-d8	10.326	98	130502	32.341	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	64.680%
62) 4-Bromofluorobenzene	12.620	95	61558	36.943	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.880%
Target Compounds					Qvalue	
16) Acetone	4.161	43	4179	8.813	ug/l #	84

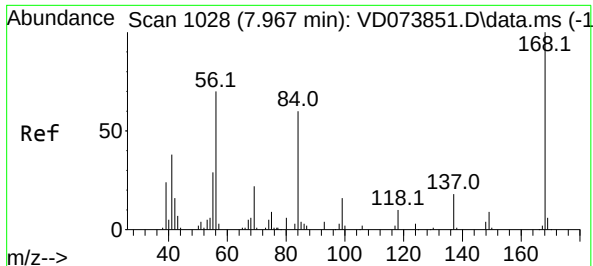
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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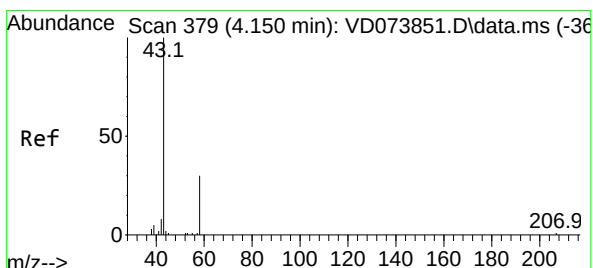
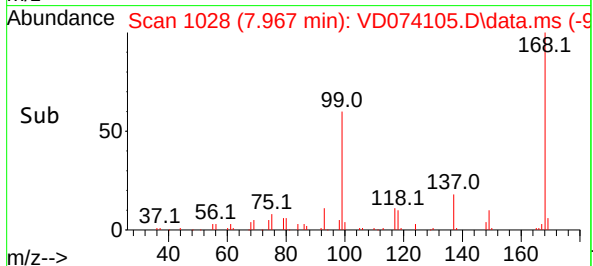
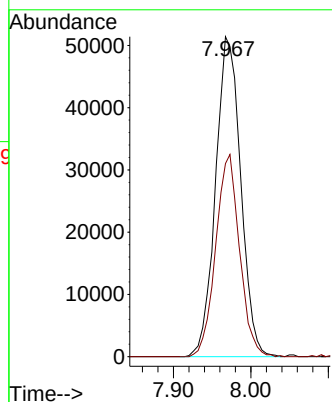
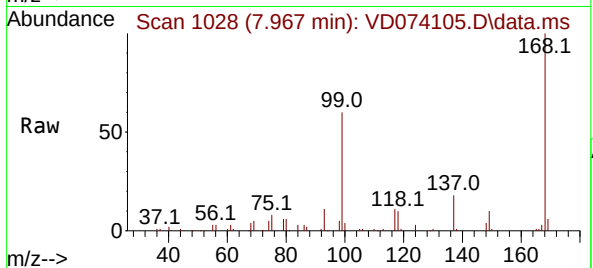




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD074105.D
Acq: 16 Aug 2022 16:54

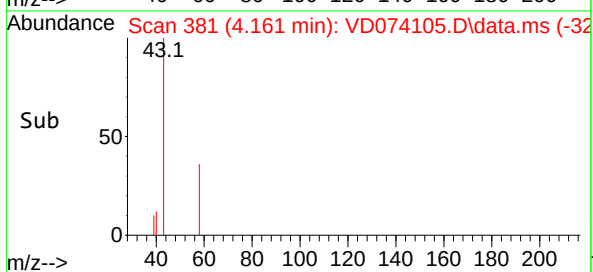
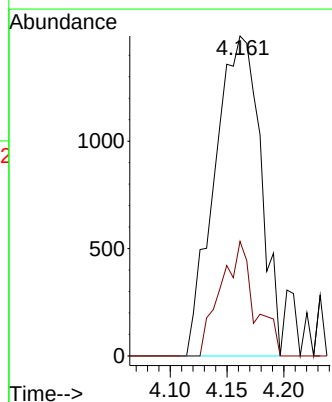
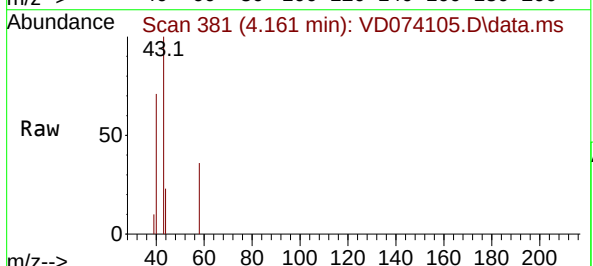
Instrument :
MSVOA_D
ClientSampleId :
SB10

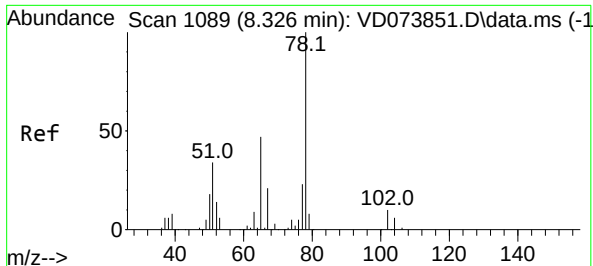
Tgt Ion:168 Resp: 116201
Ion Ratio Lower Upper
168 100
99 60.3 49.8 74.6



#16
Acetone
Concen: 8.813 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.011 min
Lab File: VD074105.D
Acq: 16 Aug 2022 16:54

Tgt Ion: 43 Resp: 4179
Ion Ratio Lower Upper
43 100
58 35.8 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 56.347 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD074105.D

Acq: 16 Aug 2022 16:54

Instrument :

MSVOA_D

ClientSampleId :

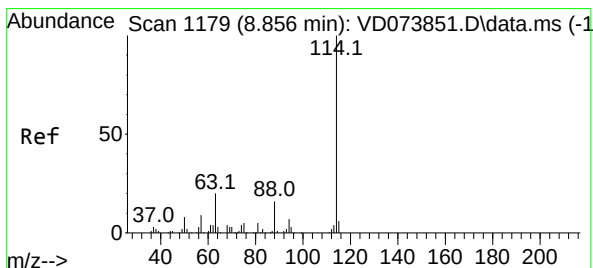
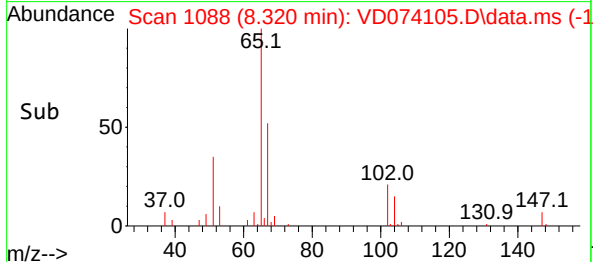
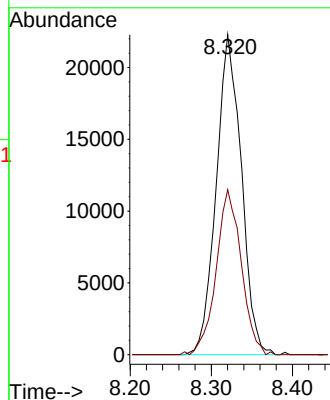
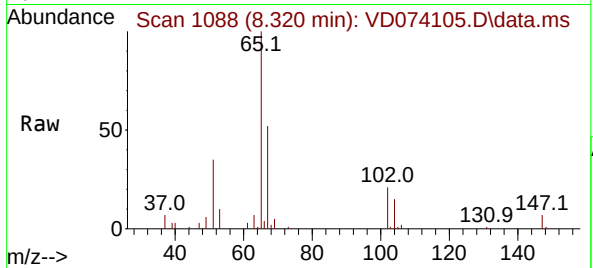
SB10

Tgt Ion: 65 Resp: 47918

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074105.D

Acq: 16 Aug 2022 16:54

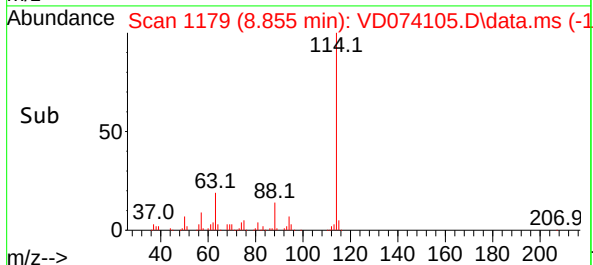
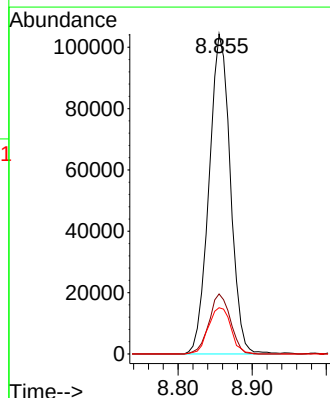
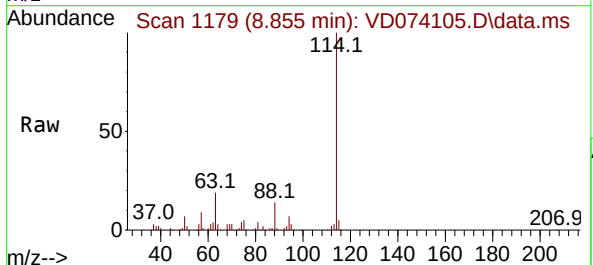
Tgt Ion: 114 Resp: 207979

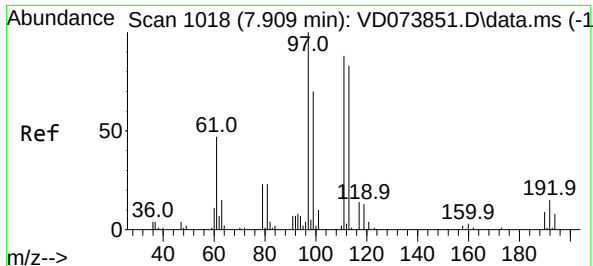
Ion Ratio Lower Upper

114 100

63 18.7 0.0 46.6

88 14.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 43.799 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD074105.D

Acq: 16 Aug 2022 16:54

Instrument :

MSVOA_D

ClientSampleId :

SB10

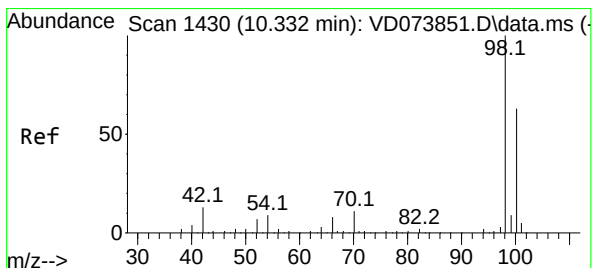
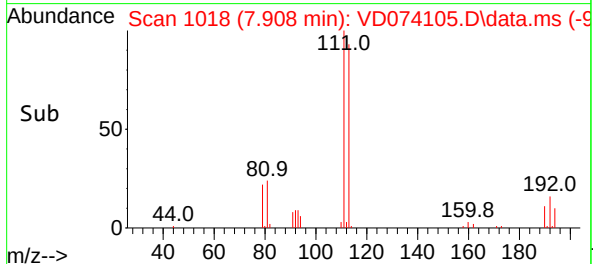
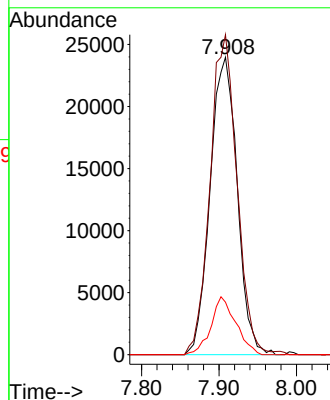
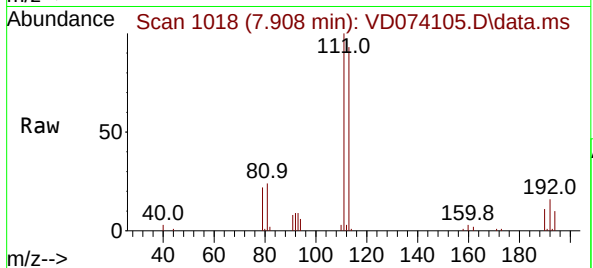
Tgt Ion:113 Resp: 58210

Ion Ratio Lower Upper

113 100

111 106.7 83.8 125.6

192 17.9 14.6 21.8



#50

Toluene-d8

Concen: 32.341 ug/l

RT: 10.326 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VD074105.D

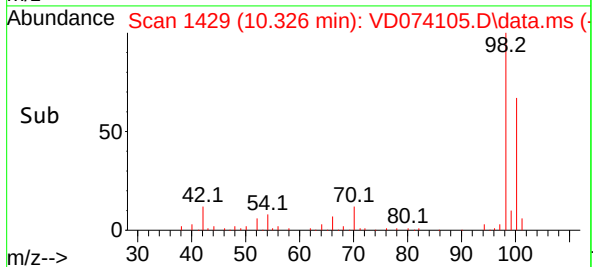
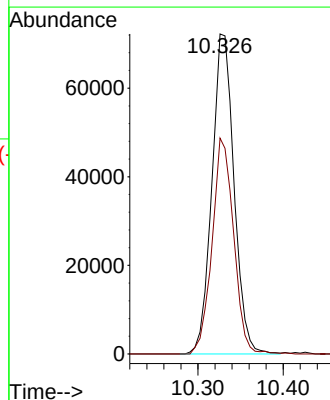
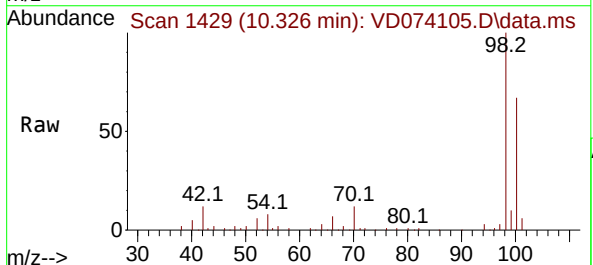
Acq: 16 Aug 2022 16:54

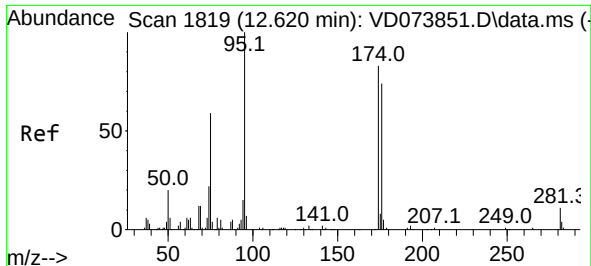
Tgt Ion: 98 Resp: 130502

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6

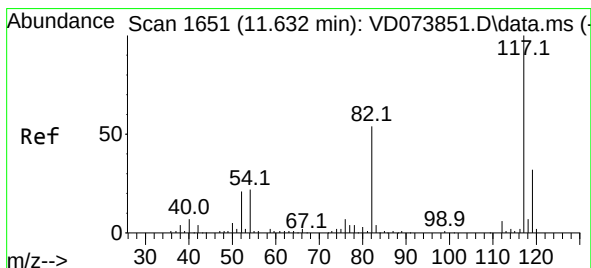
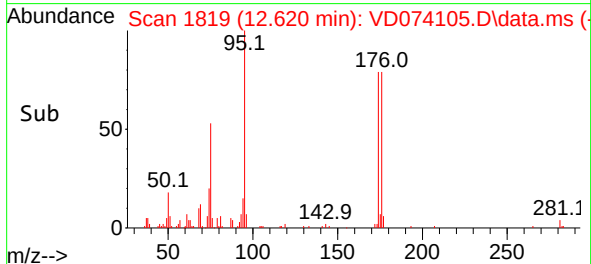
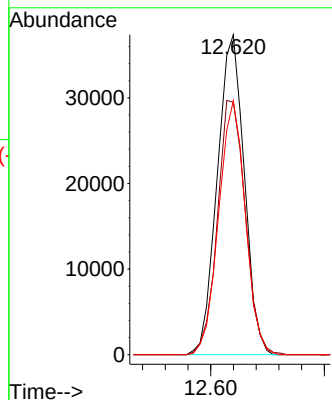
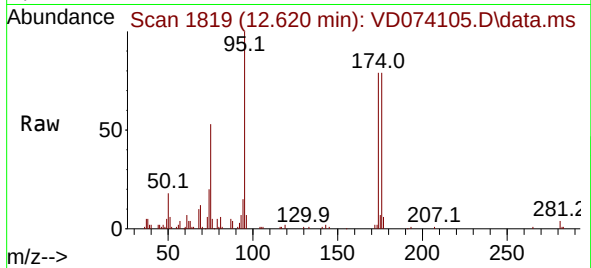




#62
4-Bromofluorobenzene
Concen: 36.943 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074105.D
Acq: 16 Aug 2022 16:54

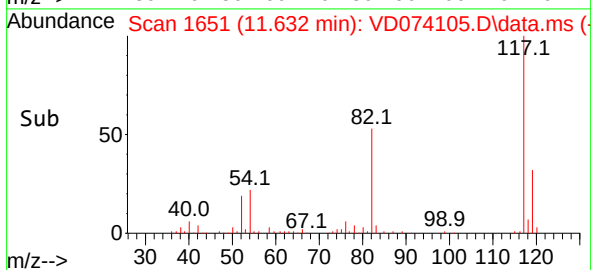
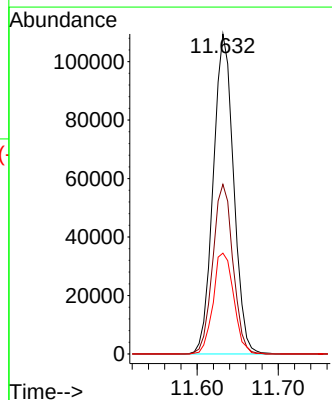
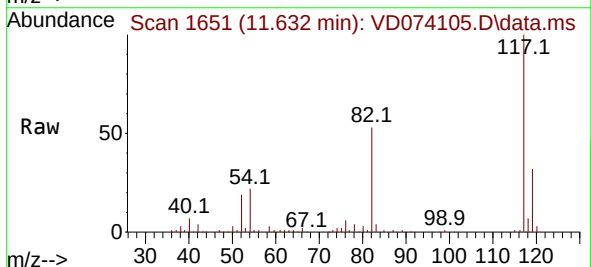
Instrument :
MSVOA_D
ClientSampleId :
SB10

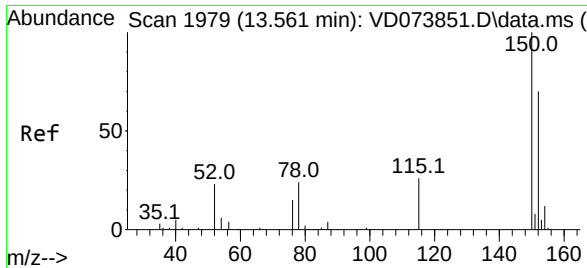
Tgt Ion:	95	Resp:	61558
Ion Ratio	Lower	Upper	
95	100		
174	82.0	0.0	152.8
176	78.3	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074105.D
Acq: 16 Aug 2022 16:54

Tgt Ion:	117	Resp:	190508
Ion Ratio	Lower	Upper	
117	100		
82	53.0	45.3	67.9
119	31.5	26.6	40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1978

Delta R.T. -0.006 min

Lab File: VD074105.D

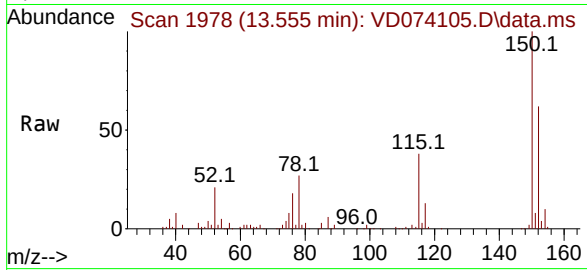
Acq: 16 Aug 2022 16:54

Instrument :

MSVOA_D

ClientSampleId :

SB10



Tgt Ion:152 Resp: 80631

Ion Ratio Lower Upper

152 100

115 61.8 31.3 93.8

150 158.2 0.0 348.6

