

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074800.D
 Acq On : 08 Nov 2022 13:17
 Operator : VA/SY
 Sample : N5415-04
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-17

Quant Time: Nov 08 14:49:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

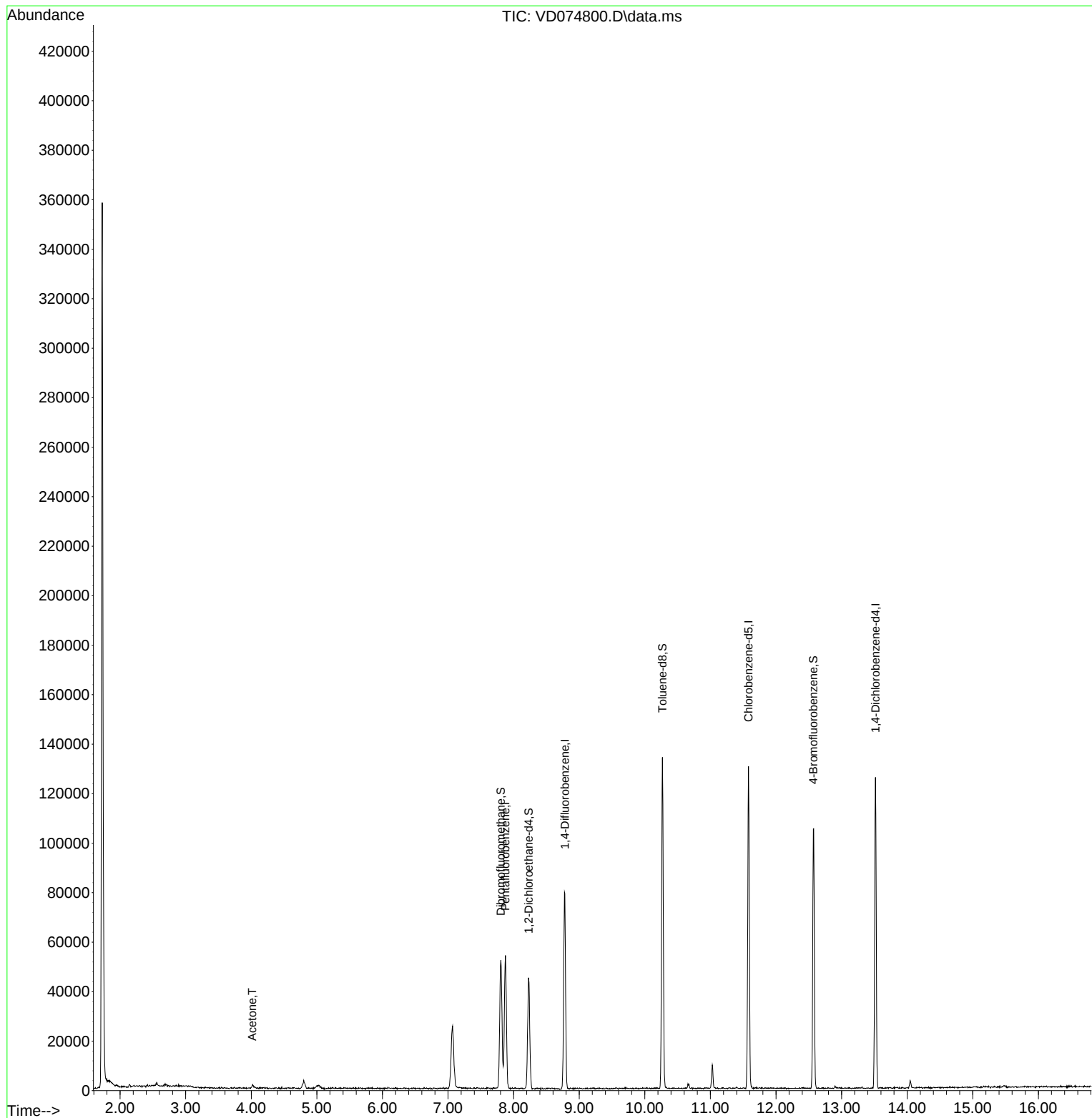
Internal Standards						
1) Pentafluorobenzene	7.875	168	44717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	76625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	81087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	36246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	35856	101.240	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 202.480%#	
35) Dibromofluoromethane	7.805	113	39838	87.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 175.780%#	
50) Toluene-d8	10.269	98	98044	59.299	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.600%	
62) 4-Bromofluorobenzene	12.569	95	32679	68.454	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 136.900%	
Target Compounds						
16) Acetone	4.017	43	2337	31.620	ug/l	Qvalue # 81

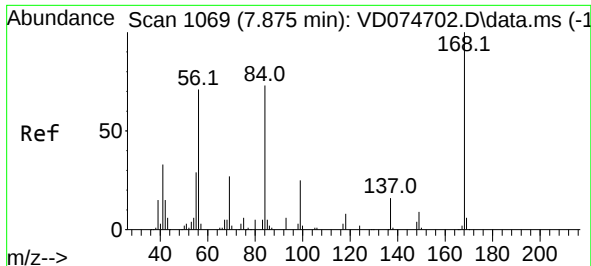
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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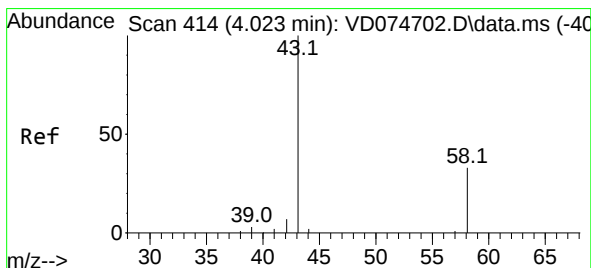
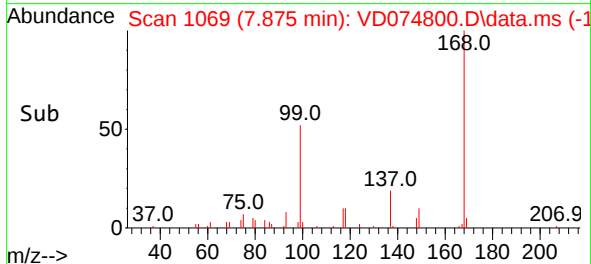
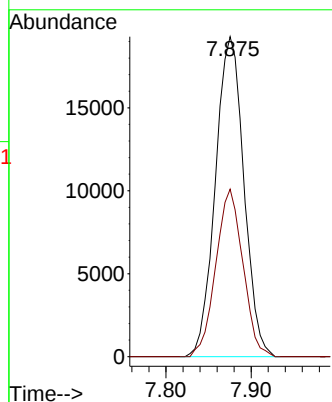
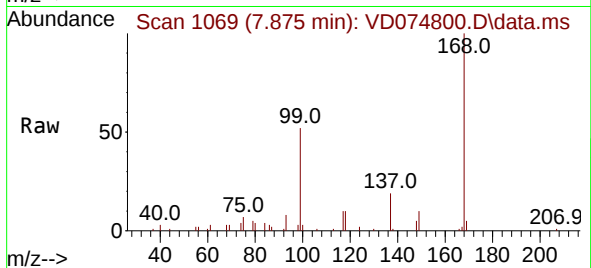




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074800.D
Acq: 08 Nov 2022 13:17

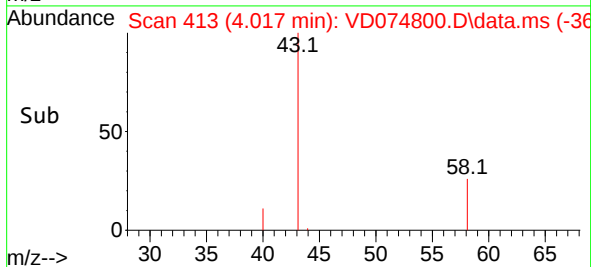
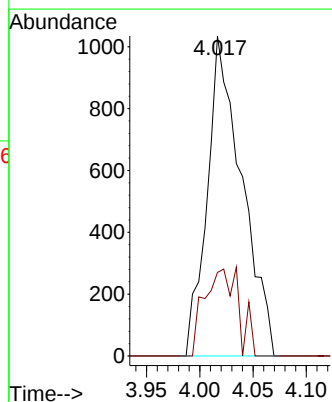
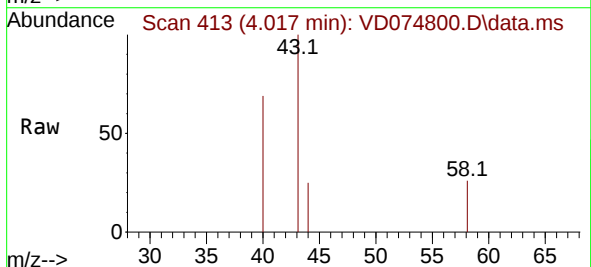
Instrument :
MSVOA_D
ClientSampleId :
R-17

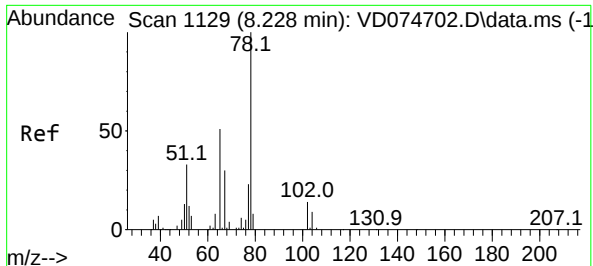
Tgt Ion:168 Resp: 44717
Ion Ratio Lower Upper
168 100
99 52.3 40.9 61.3



#16
Acetone
Concen: 31.620 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD074800.D
Acq: 08 Nov 2022 13:17

Tgt Ion: 43 Resp: 2337
Ion Ratio Lower Upper
43 100
58 26.1 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 101.240 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074800.D

Acq: 08 Nov 2022 13:17

Instrument :

MSVOA_D

ClientSampleId :

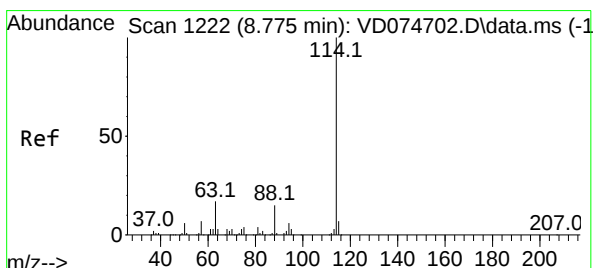
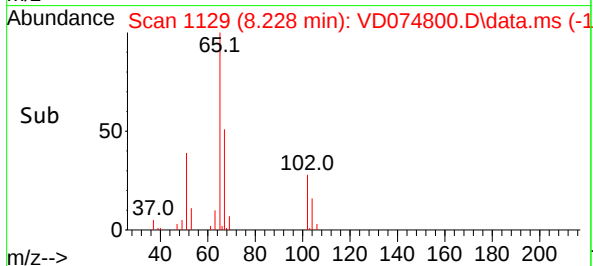
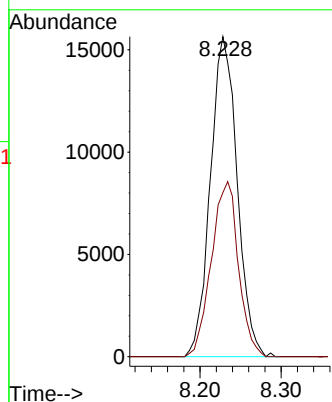
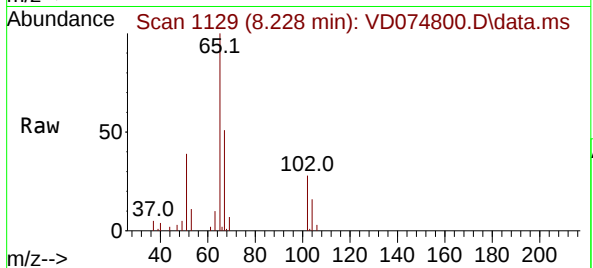
R-17

Tgt Ion: 65 Resp: 35856

Ion Ratio Lower Upper

65 100

67 55.2 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074800.D

Acq: 08 Nov 2022 13:17

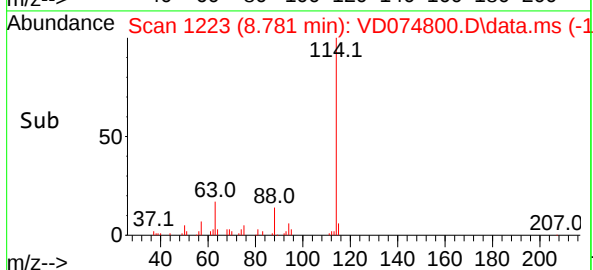
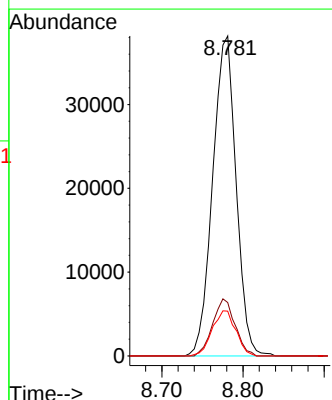
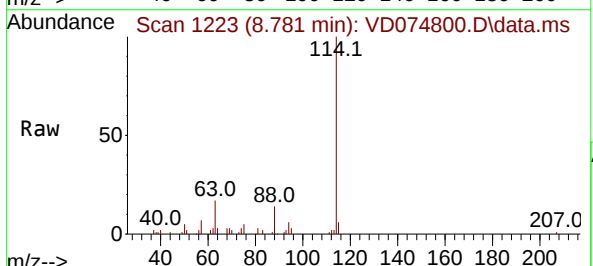
Tgt Ion: 114 Resp: 76625

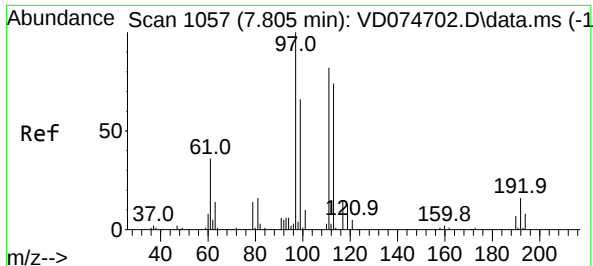
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.2

88 14.0 0.0 28.2





#35

Dibromofluoromethane

Concen: 87.891 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074800.D

Acq: 08 Nov 2022 13:17

Instrument :

MSVOA_D

ClientSampleId :

R-17

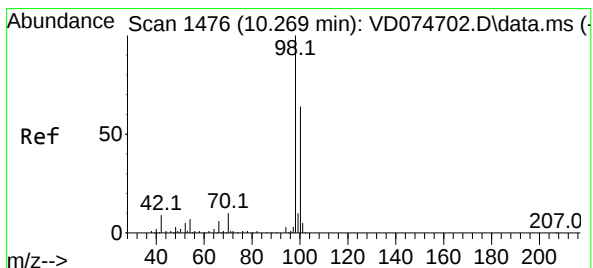
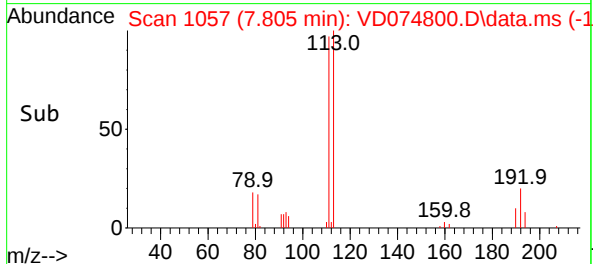
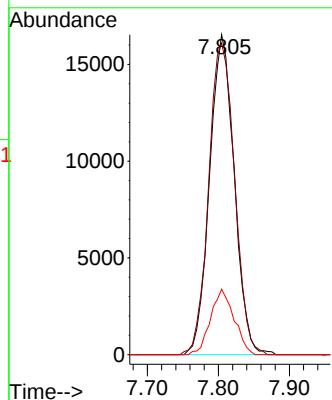
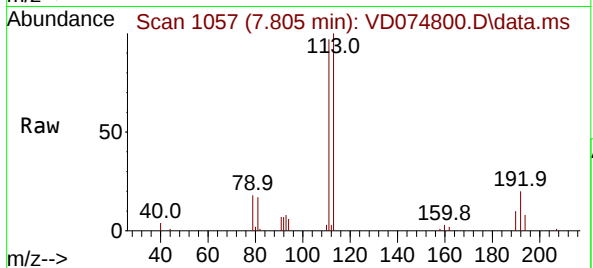
Tgt Ion:113 Resp: 39838

Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

192 19.6 16.4 24.6



#50

Toluene-d8

Concen: 59.299 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074800.D

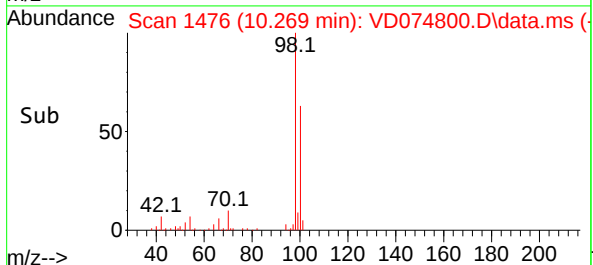
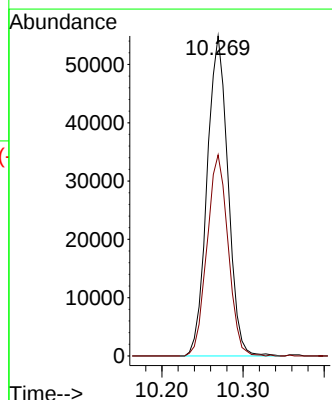
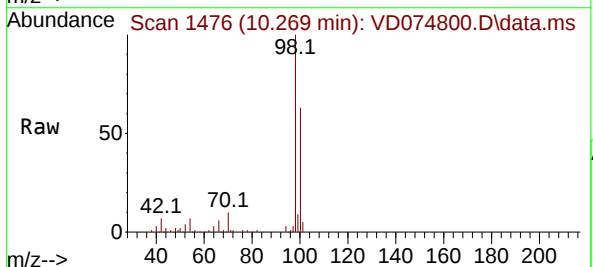
Acq: 08 Nov 2022 13:17

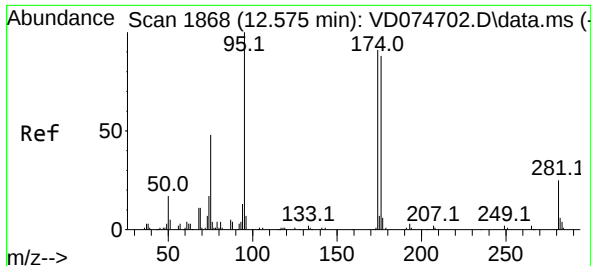
Tgt Ion: 98 Resp: 98044

Ion Ratio Lower Upper

98 100

100 63.4 51.4 77.0

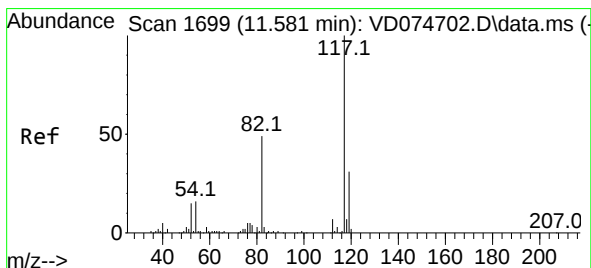
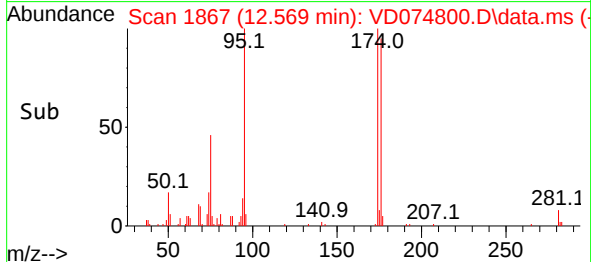
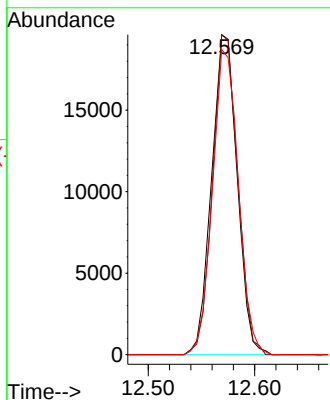
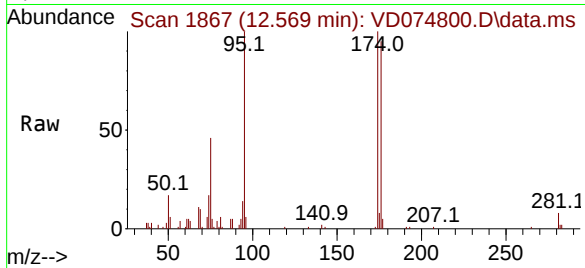




#62
4-Bromofluorobenzene
Concen: 68.454 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074800.D
Acq: 08 Nov 2022 13:17

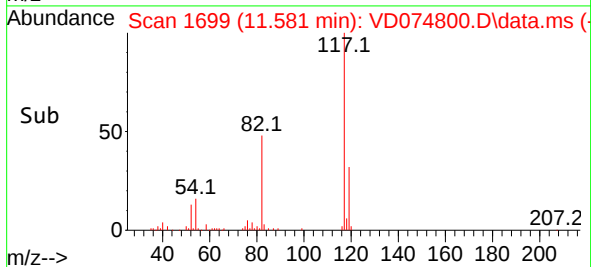
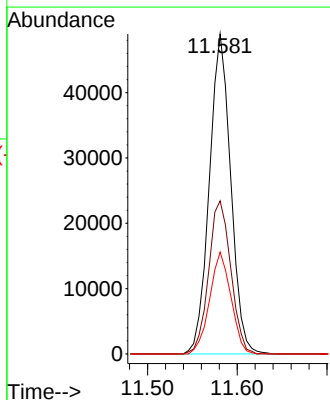
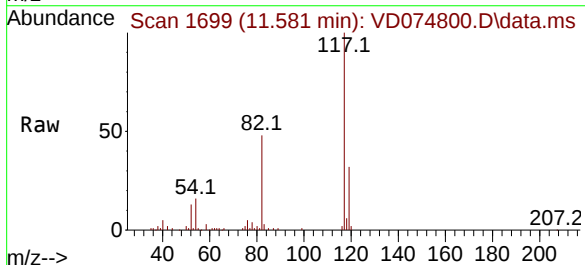
Instrument :
MSVOA_D
ClientSampleId :
R-17

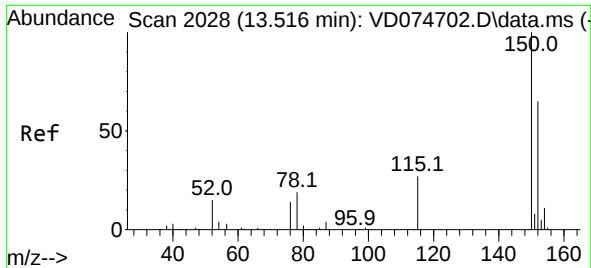
Tgt Ion:	95	Resp:	32679
Ion	Ratio	Lower	Upper
95	100		
174	98.1	0.0	197.0
176	96.5	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074800.D
Acq: 08 Nov 2022 13:17

Tgt Ion:	117	Resp:	81087
Ion	Ratio	Lower	Upper
117	100		
82	47.9	41.6	62.4
119	31.9	25.2	37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD074800.D

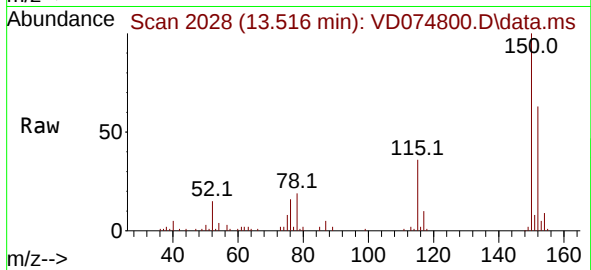
Acq: 08 Nov 2022 13:17

Instrument :

MSVOA_D

ClientSampleId :

R-17



Tgt Ion:152 Resp: 36246

Ion Ratio Lower Upper

152 100

115 56.1 26.8 80.4

150 160.4 0.0 348.2

