

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
 Data File : VD075100.D
 Acq On : 10 Jan 2023 12:10
 Operator : KP/SY
 Sample : 01080-01
 Misc : 7.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1-(10-12)

Quant Time: Jan 11 01:48:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

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

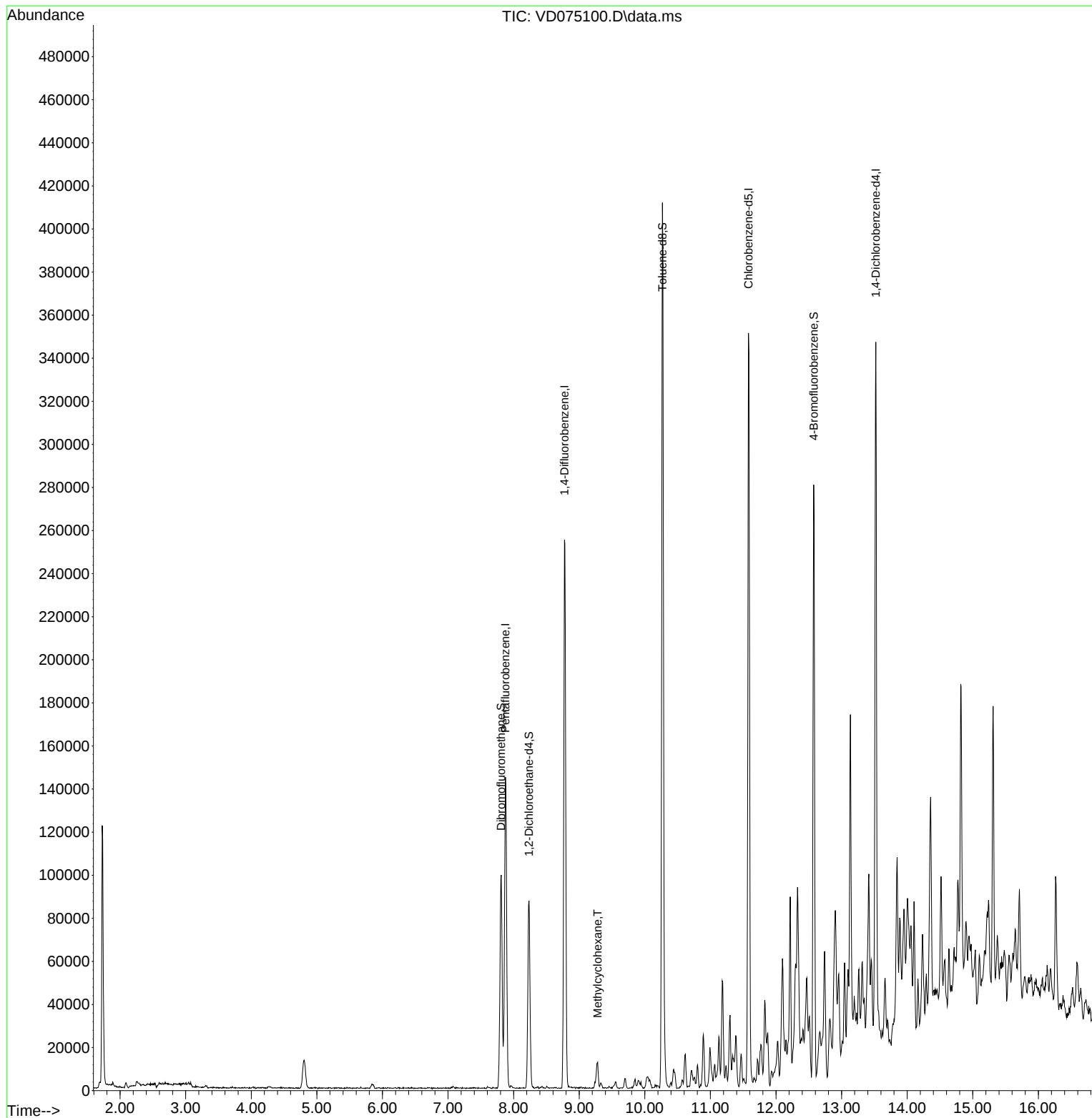
Internal Standards						
1) Pentafluorobenzene	7.875	168	110276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	230591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	207385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	87617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68085	61.583	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	123.160%	
35) Dibromofluoromethane	7.810	113	72233	49.799	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	99.600%	
50) Toluene-d8	10.269	98	277282	48.213	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	96.420%	
62) 4-Bromofluorobenzene	12.575	95	87548	47.426	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	94.860%	
Target Compounds						
39) Methylcyclohexane	9.281	83	4845	2.334	ug/l	Qvalue 95

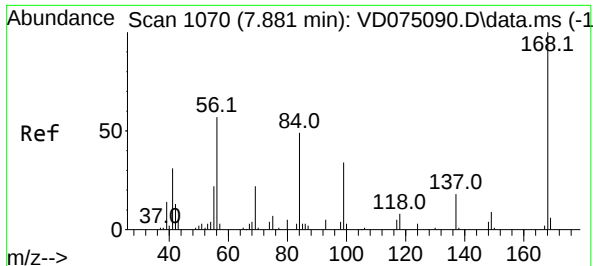
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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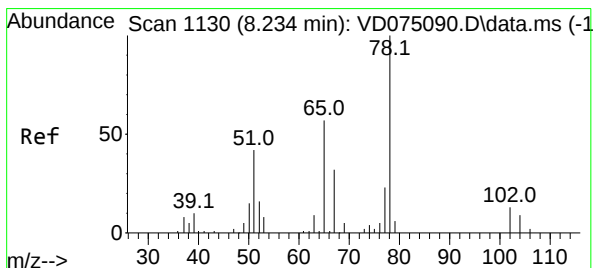
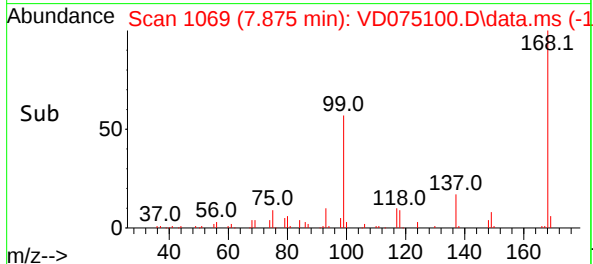
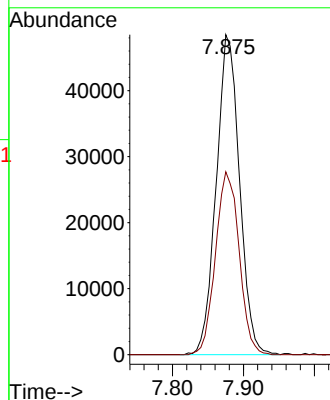
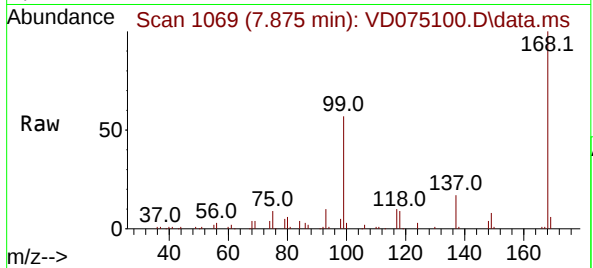




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD075100.D
Acq: 10 Jan 2023 12:10

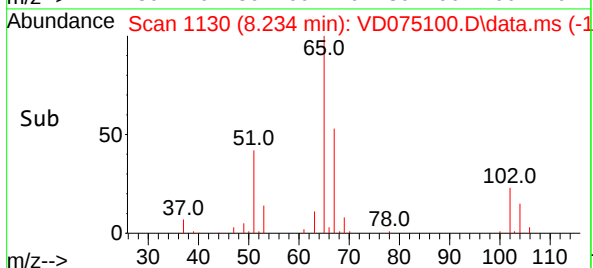
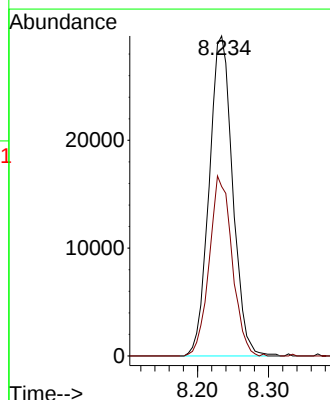
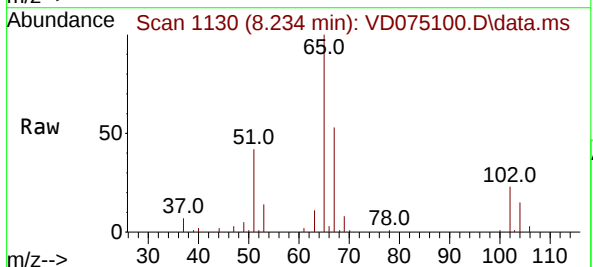
Instrument :
MSVOA_D
ClientSampleId :
B-1-(10-12)

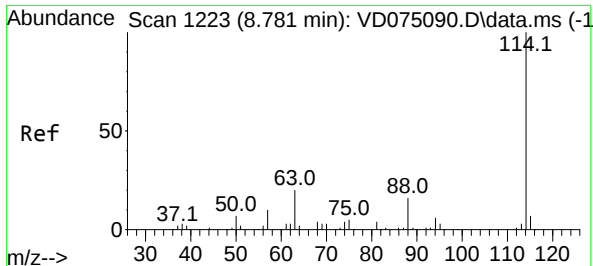
Tgt Ion:168 Resp: 110276
Ion Ratio Lower Upper
168 100
99 57.2 43.2 64.8



#33
1,2-Dichloroethane-d4
Concen: 61.583 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075100.D
Acq: 10 Jan 2023 12:10

Tgt Ion: 65 Resp: 68085
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075100.D

Acq: 10 Jan 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

B-1-(10-12)

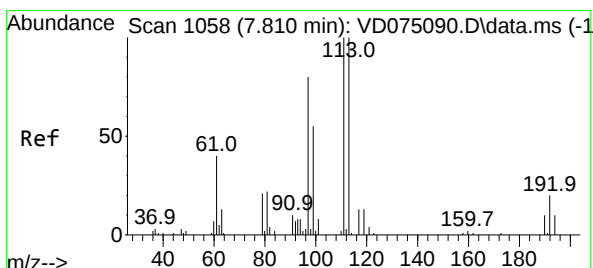
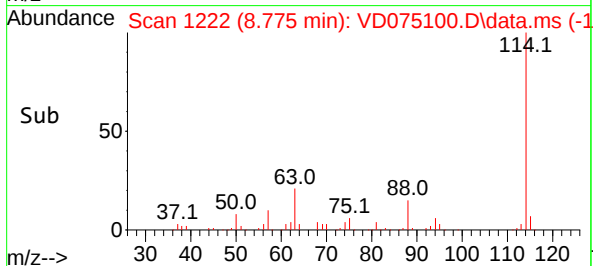
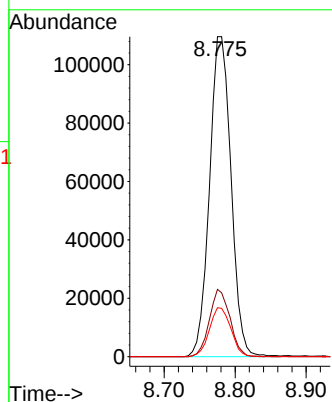
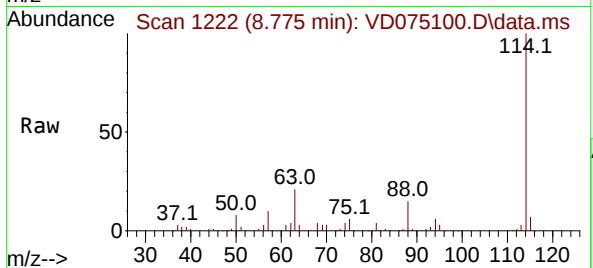
Tgt Ion:114 Resp: 230591

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 15.3 0.0 31.2



#35

Dibromofluoromethane

Concen: 49.799 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075100.D

Acq: 10 Jan 2023 12:10

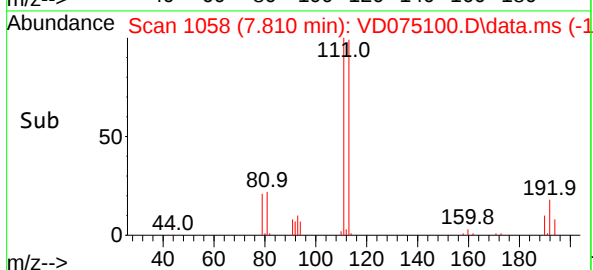
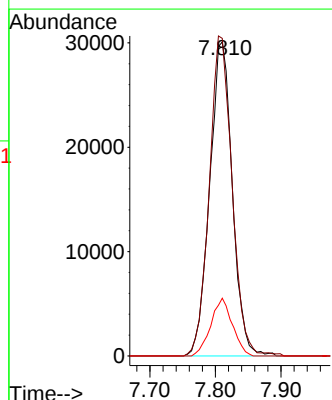
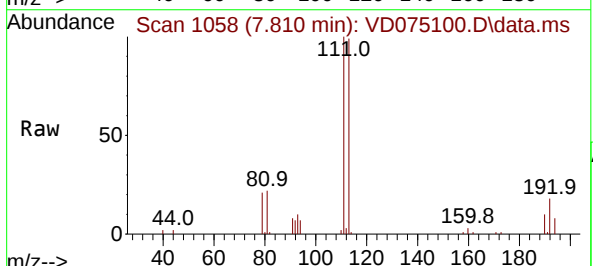
Tgt Ion:113 Resp: 72233

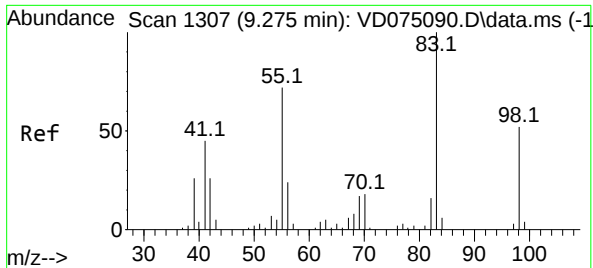
Ion Ratio Lower Upper

113 100

111 102.2 83.2 124.8

192 17.5 15.0 22.6





#39

Methylcyclohexane

Concen: 2.334 ug/l

RT: 9.281 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075100.D

Acq: 10 Jan 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

B-1-(10-12)

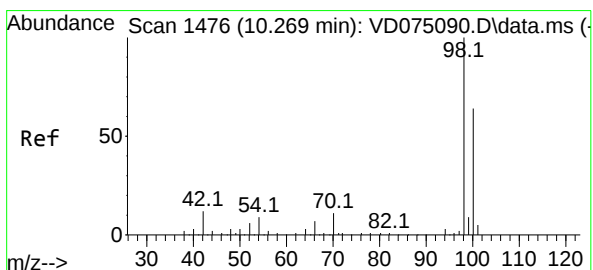
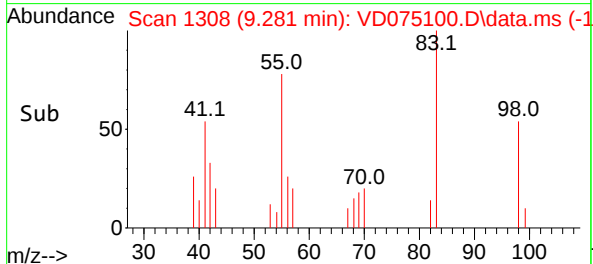
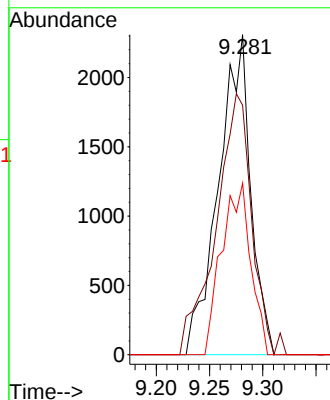
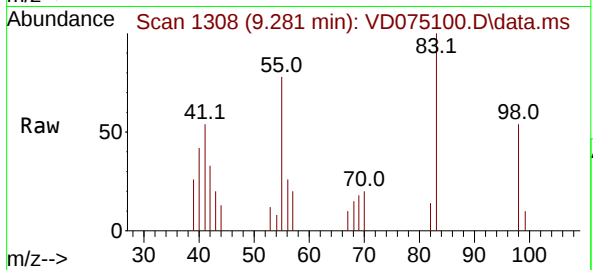
Tgt Ion: 83 Resp: 4845

Ion Ratio Lower Upper

83 100

55 78.0 57.6 86.4

98 53.6 41.4 62.0



#50

Toluene-d8

Concen: 48.213 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075100.D

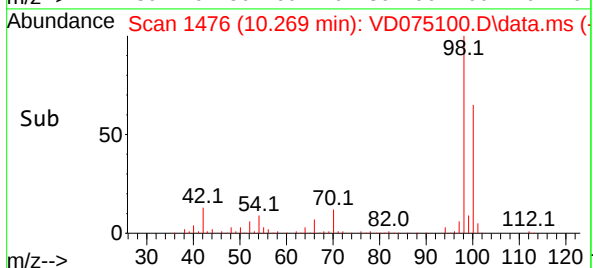
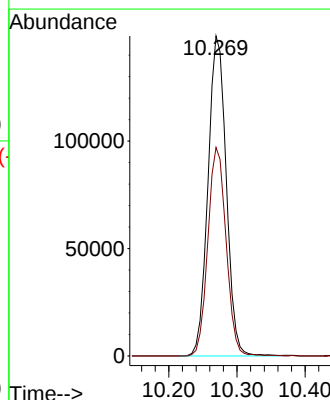
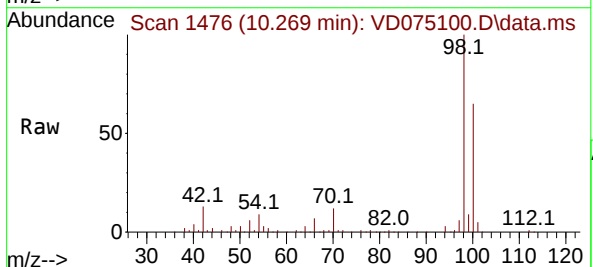
Acq: 10 Jan 2023 12:10

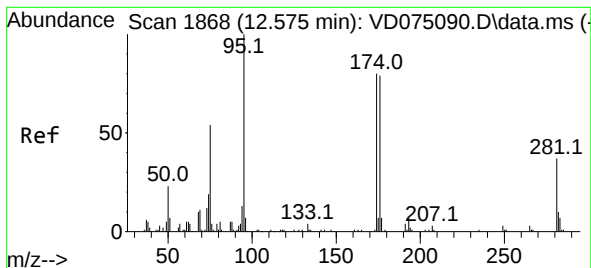
Tgt Ion: 98 Resp: 277282

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6

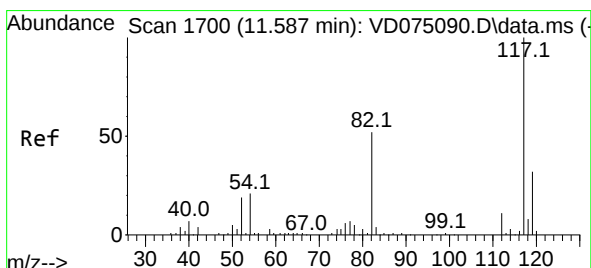
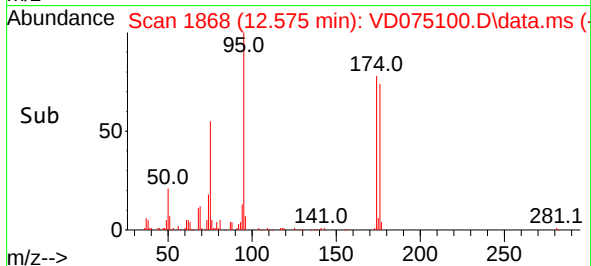
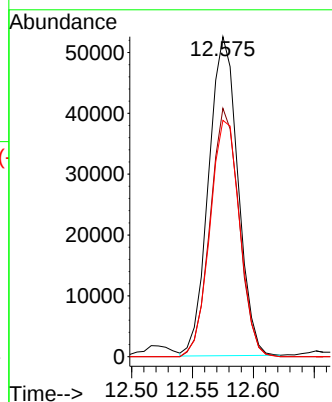
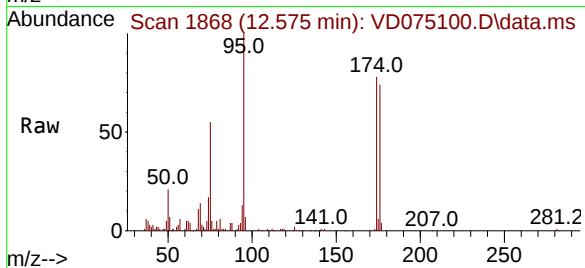




#62
4-Bromofluorobenzene
Concen: 47.426 ug/l
RT: 12.575 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VD075100.D
Acq: 10 Jan 2023 12:10

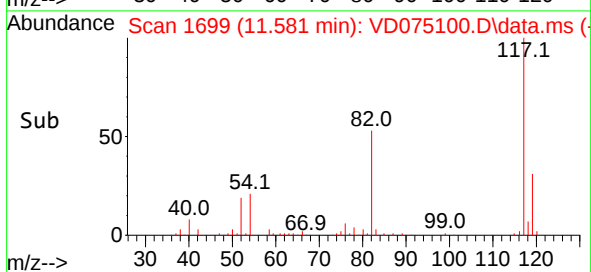
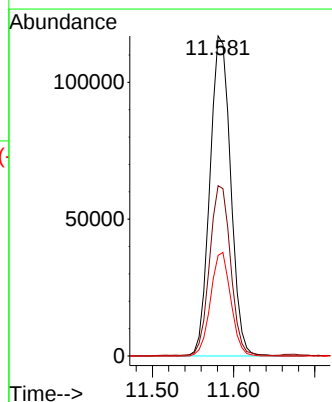
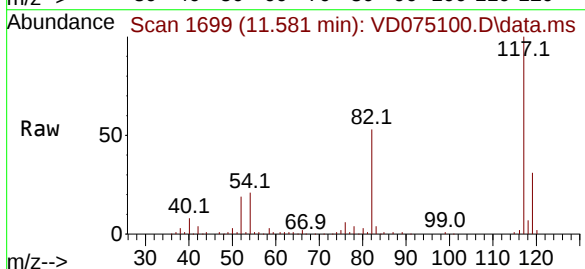
Instrument :
MSVOA_D
ClientSampleId :
B-1-(10-12)

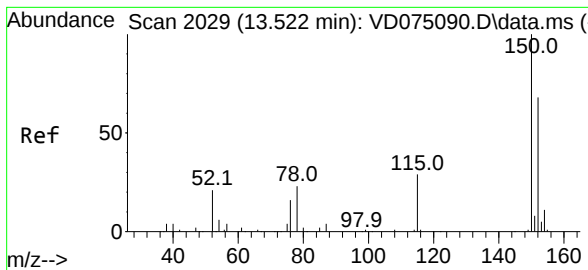
Tgt Ion:	95	Resp:	87548
Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	168.4
176	75.4	0.0	163.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075100.D
Acq: 10 Jan 2023 12:10

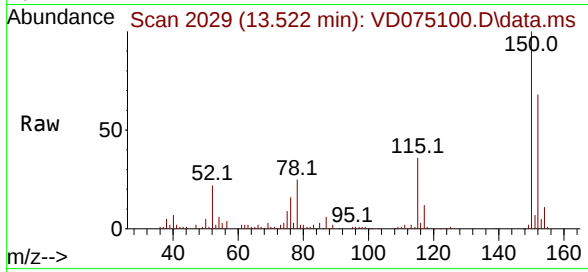
Tgt Ion:	117	Resp:	207385
Ion	Ratio	Lower	Upper
117	100		
82	53.0	41.3	61.9
119	31.5	25.8	38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD075100.D
 Acq: 10 Jan 2023 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1-(10-12)



Tgt Ion:152 Resp: 87617
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.7 86.1
 150 152.2 0.0 343.2

