

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101022\
 Data File : VD074504.D
 Acq On : 10 Oct 2022 16:01
 Operator : VA/SY
 Sample : N5066-05
 Misc : 6.58G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-6(13-14)

Quant Time: Oct 11 08:21:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

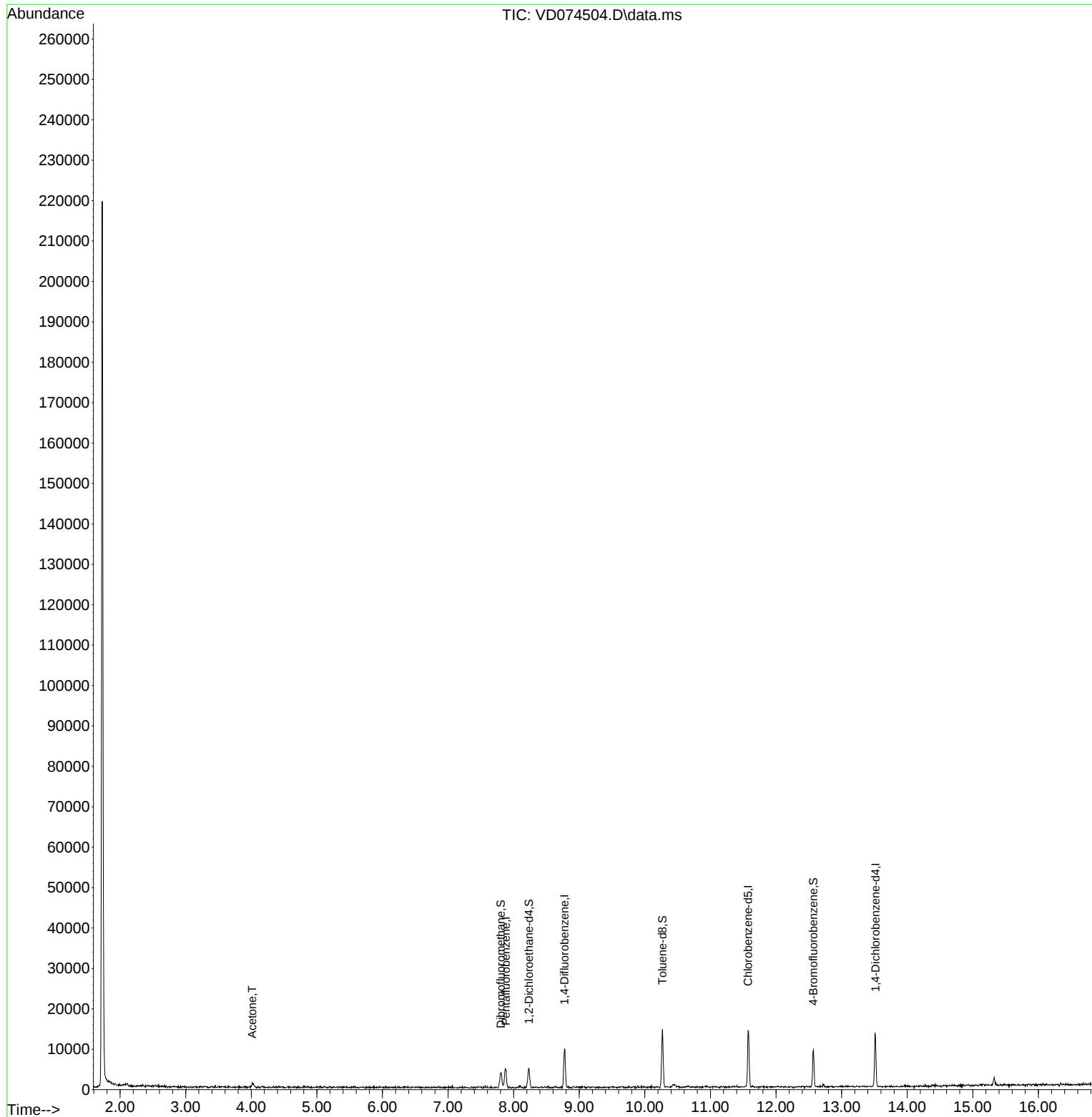
Internal Standards						
1) Pentafluorobenzene	7.881	168	4721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	10099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	9704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	4539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	3751	89.428	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 178.860%#	
35) Dibromofluoromethane	7.804	113	3226	48.443	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.880%	
50) Toluene-d8	10.269	98	10717	44.274	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.540%	
62) 4-Bromofluorobenzene	12.569	95	3316	43.284	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.560%	
Target Compounds						
16) Acetone	4.016	43	1532	145.763	ug/l	Qvalue # 84

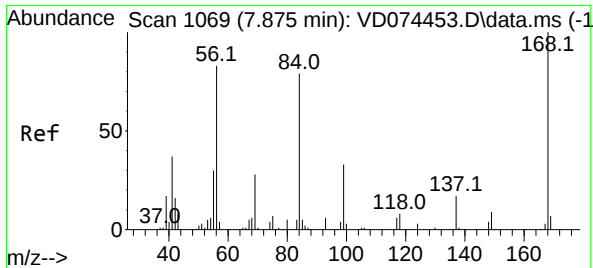
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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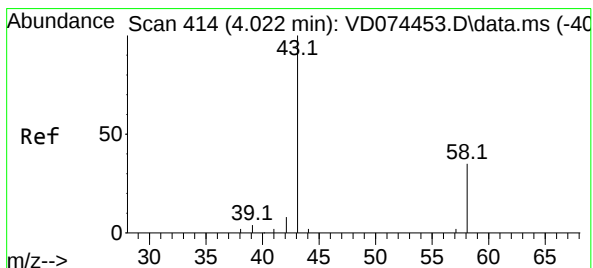
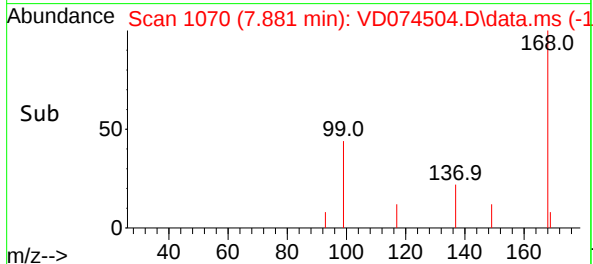
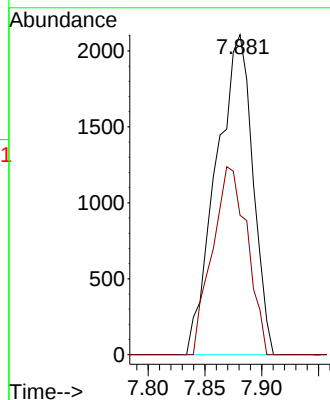
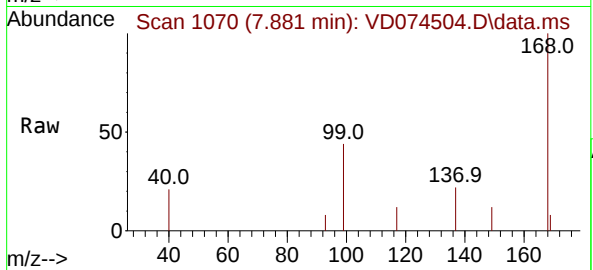




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074504.D
Acq: 10 Oct 2022 16:01

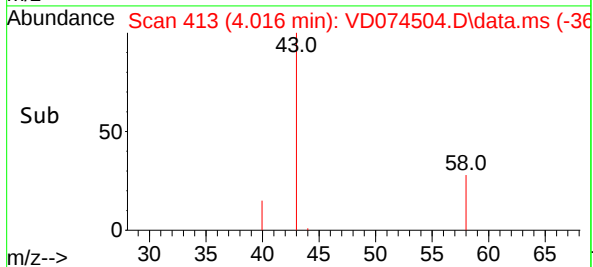
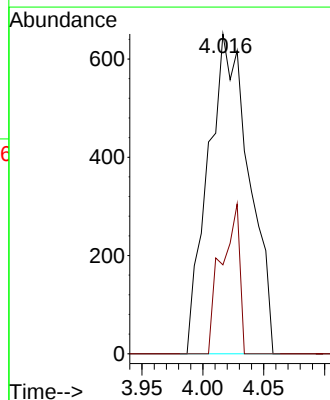
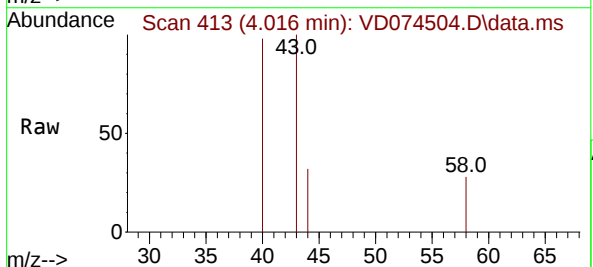
Instrument :
MSVOA_D
ClientSampleId :
B-6(13-14)

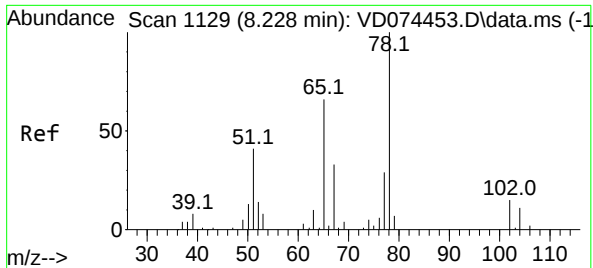
Tgt Ion:168 Resp: 4721
Ion Ratio Lower Upper
168 100
99 43.6 40.9 61.3



#16
Acetone
Concen: 145.763 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD074504.D
Acq: 10 Oct 2022 16:01

Tgt Ion: 43 Resp: 1532
Ion Ratio Lower Upper
43 100
58 27.8 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 89.428 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074504.D

Acq: 10 Oct 2022 16:01

Instrument :

MSVOA_D

ClientSampleId :

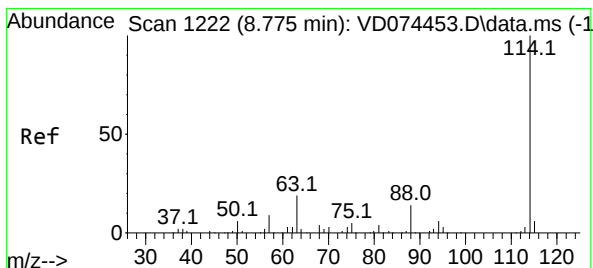
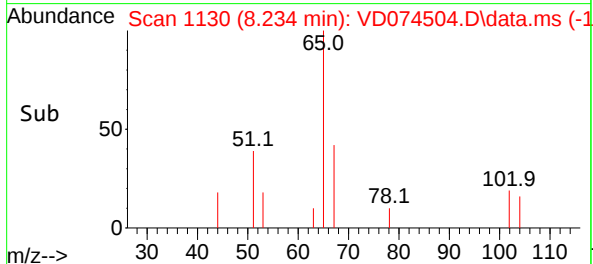
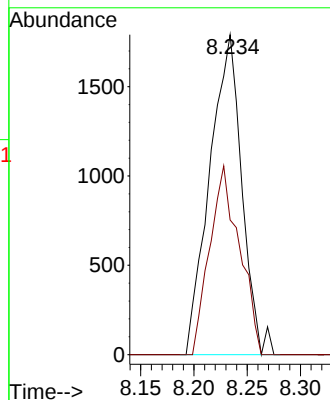
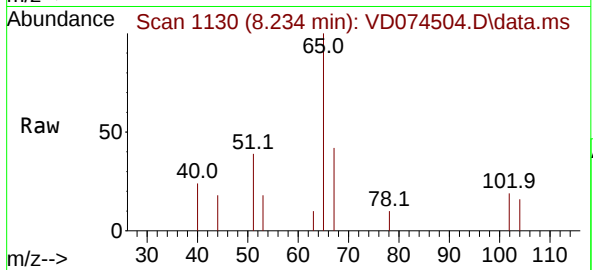
B-6(13-14)

Tgt Ion: 65 Resp: 3751

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074504.D

Acq: 10 Oct 2022 16:01

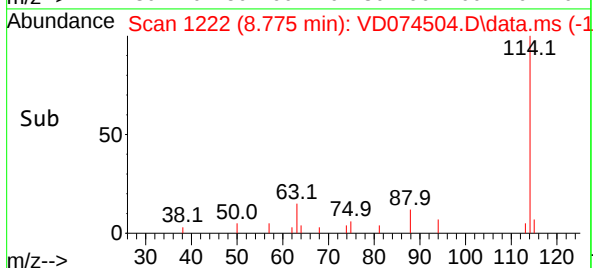
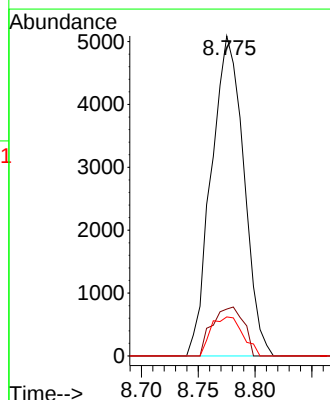
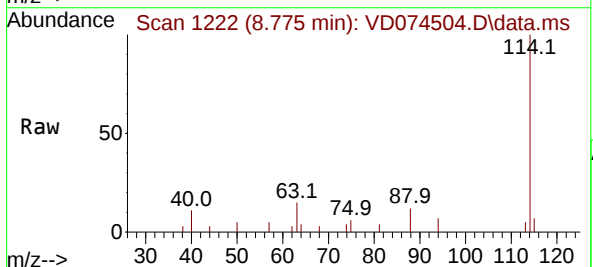
Tgt Ion: 114 Resp: 10099

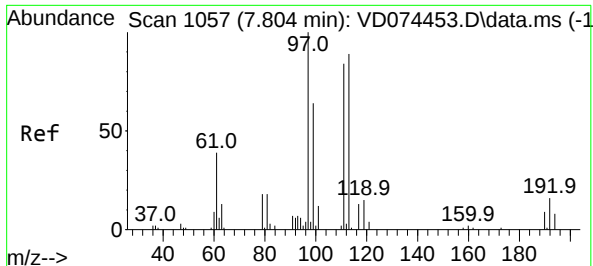
Ion Ratio Lower Upper

114 100

63 14.7 0.0 33.2

88 12.2 0.0 28.2





#35

Dibromofluoromethane

Concen: 48.443 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074504.D

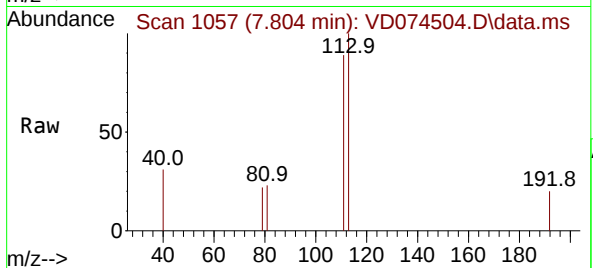
Acq: 10 Oct 2022 16:01

Instrument :

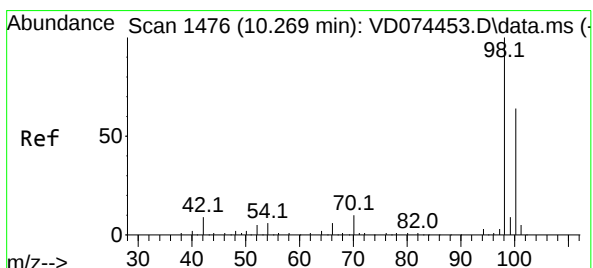
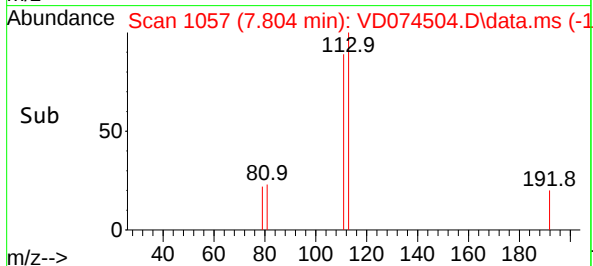
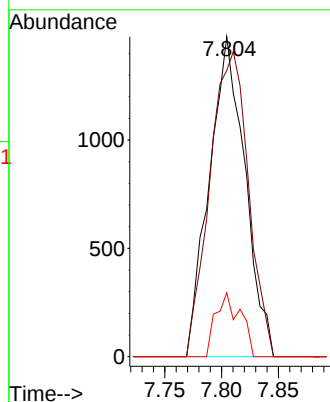
MSVOA_D

ClientSampleId :

B-6(13-14)



Tgt Ion:	113	Resp:	3226
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.3	123.5
192	13.7	16.4	24.6#



#50

Toluene-d8

Concen: 44.274 ug/l

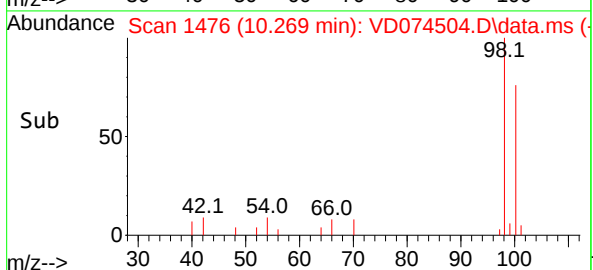
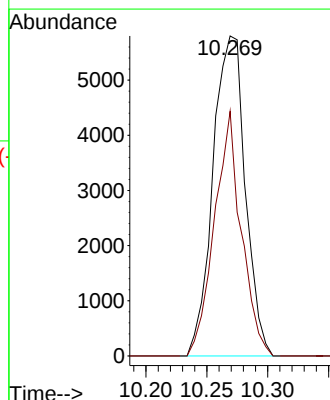
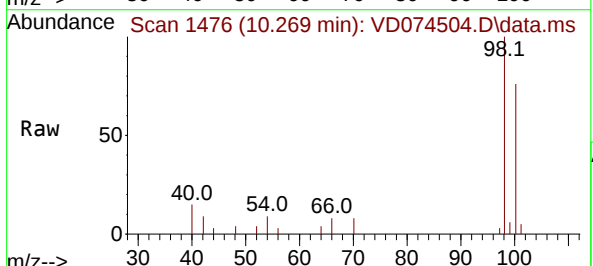
RT: 10.269 min Scan# 1476

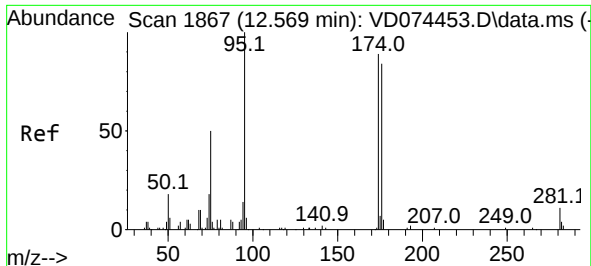
Delta R.T. 0.000 min

Lab File: VD074504.D

Acq: 10 Oct 2022 16:01

Tgt Ion:	98	Resp:	10717
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.4	77.0

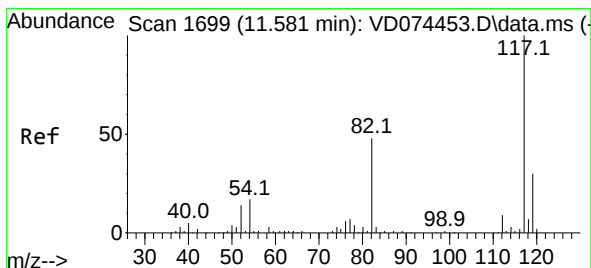
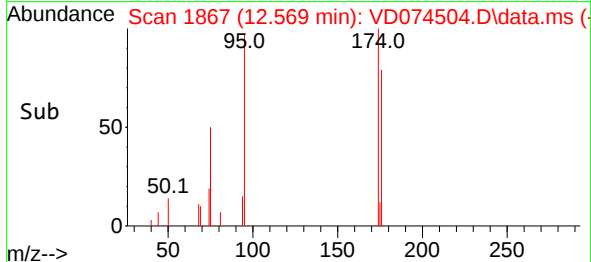
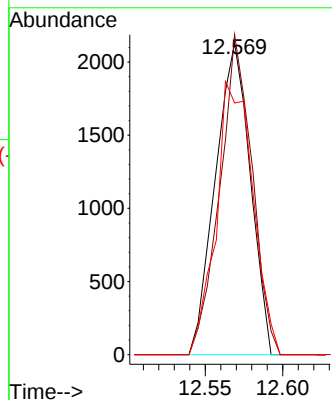
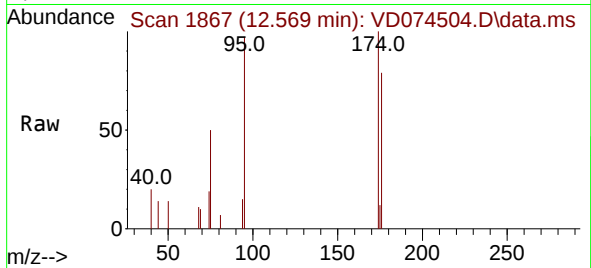




#62
4-Bromofluorobenzene
Concen: 43.284 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074504.D
Acq: 10 Oct 2022 16:01

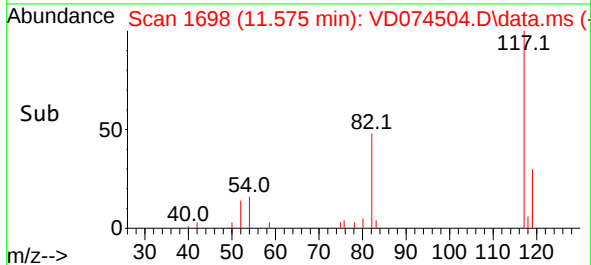
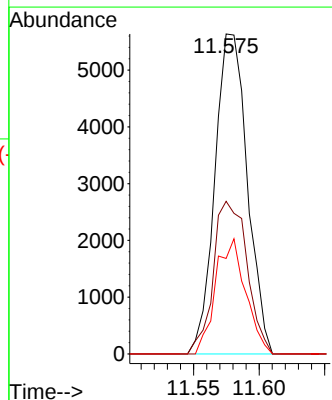
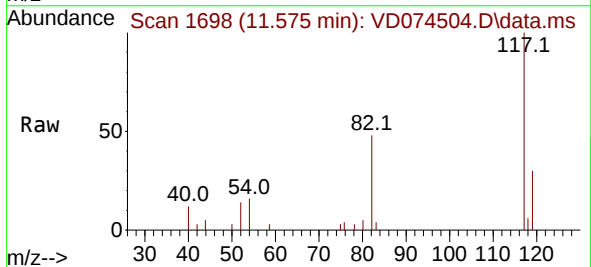
Instrument :
MSVOA_D
ClientSampleId :
B-6(13-14)

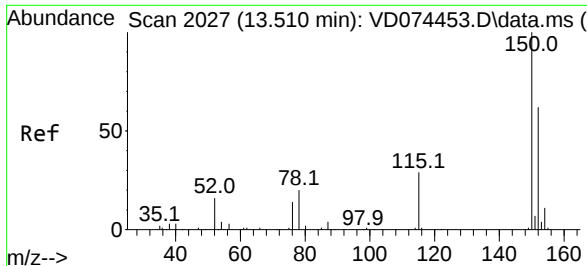
Tgt Ion:	95	Resp:	3316
Ion	Ratio	Lower	Upper
95	100		
174	95.4	0.0	197.0
176	92.7	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VD074504.D
Acq: 10 Oct 2022 16:01

Tgt Ion:	117	Resp:	9704
Ion	Ratio	Lower	Upper
117	100		
82	47.7	41.6	62.4
119	29.9	25.2	37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD074504.D

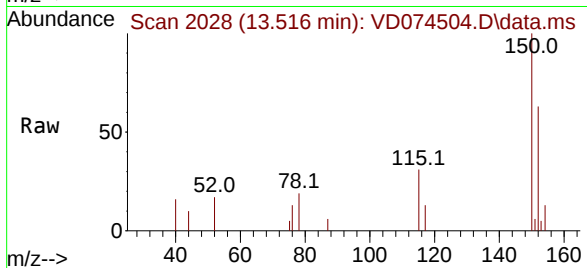
Acq: 10 Oct 2022 16:01

Instrument :

MSVOA_D

ClientSampleId :

B-6(13-14)



Tgt Ion:152 Resp: 4539

Ion Ratio Lower Upper

152 100

115 49.4 26.8 80.4

150 149.7 0.0 348.2

