

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101022\
 Data File : VD074505.D
 Acq On : 10 Oct 2022 16:28
 Operator : VA/SY
 Sample : N5058-05
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW5-GW-823-825

Quant Time: Oct 11 08:21:30 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)

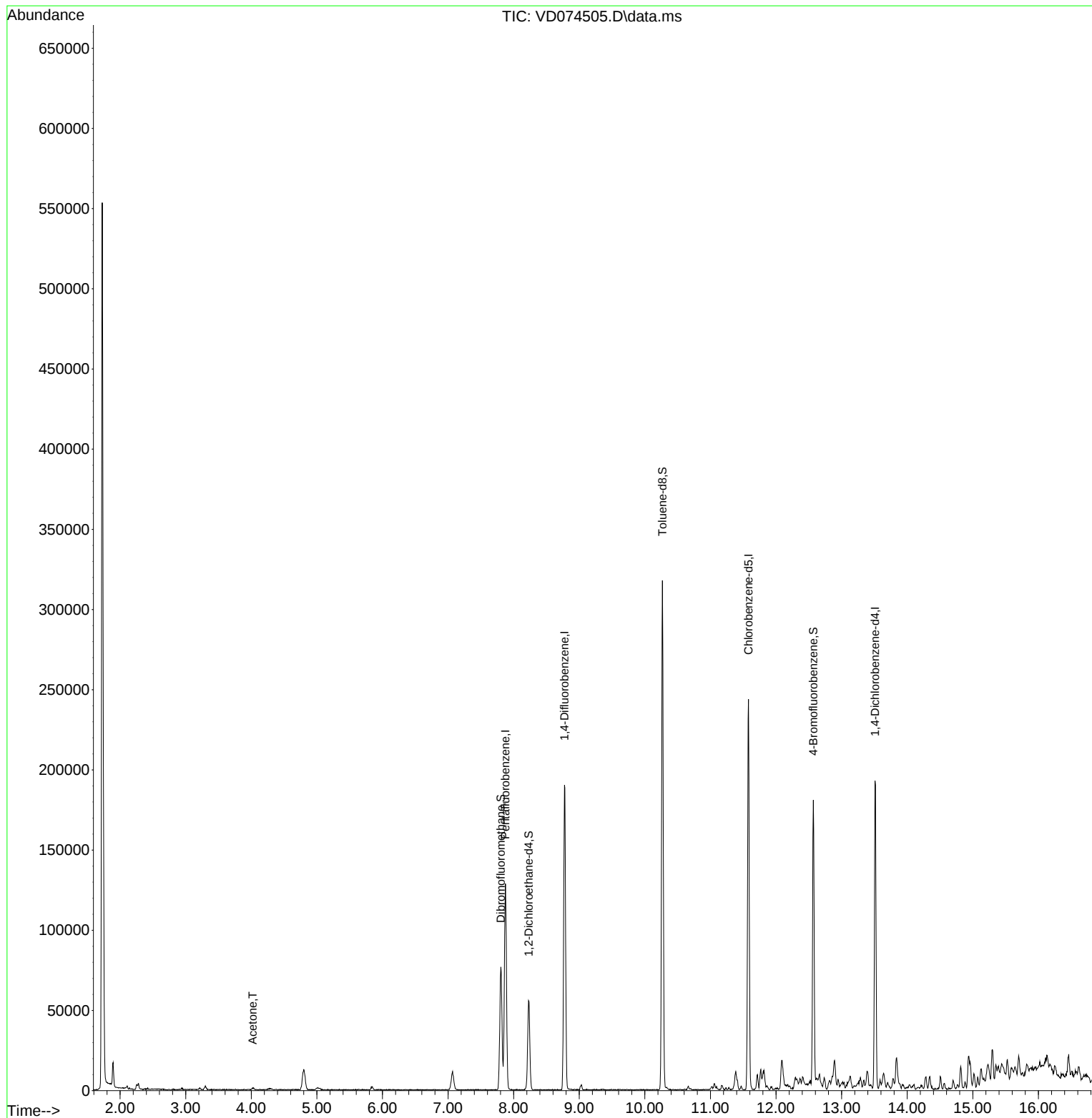
Internal Standards						
1) Pentafluorobenzene	7.875	168	103652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	182051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	152897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	54790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	44234	48.033	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.060%
35) Dibromofluoromethane	7.804	113	56978	47.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.920%
50) Toluene-d8	10.269	98	225599	51.397	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.800%
62) 4-Bromofluorobenzene	12.569	95	55758	39.900	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.800%
Target Compounds						
16) Acetone	4.022	43	1663	18.217	ug/l	Qvalue # 37

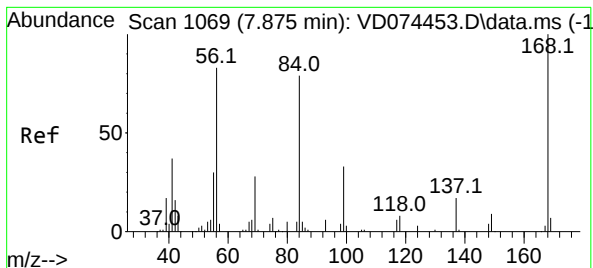
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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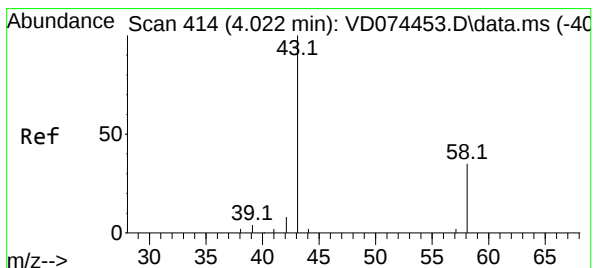
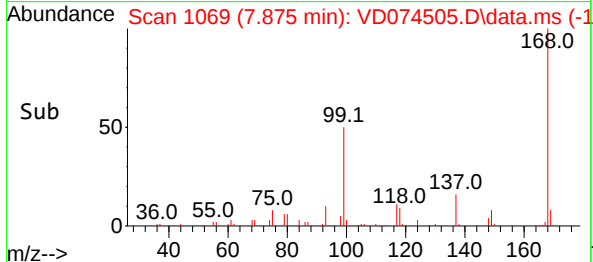
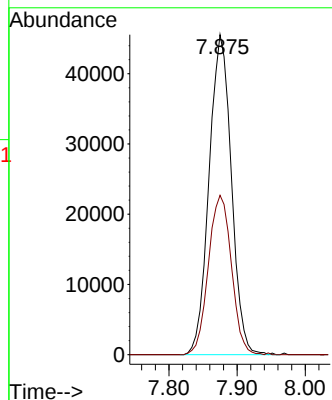
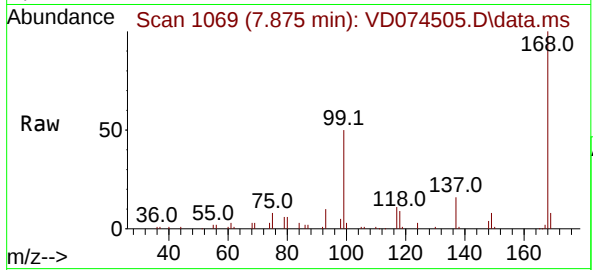




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074505.D
Acq: 10 Oct 2022 16:28

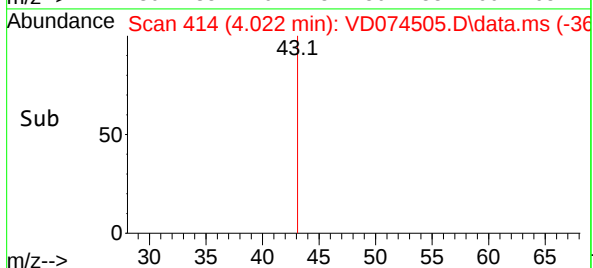
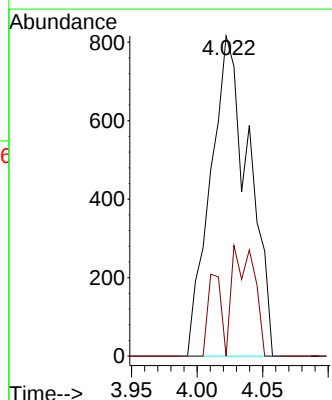
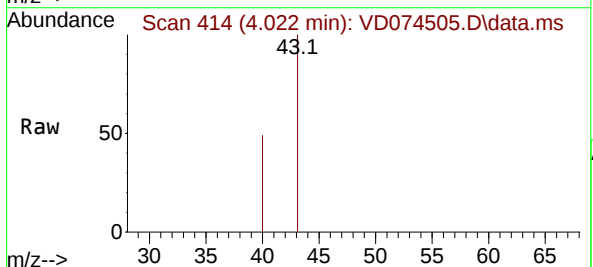
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW5-GW-823-825

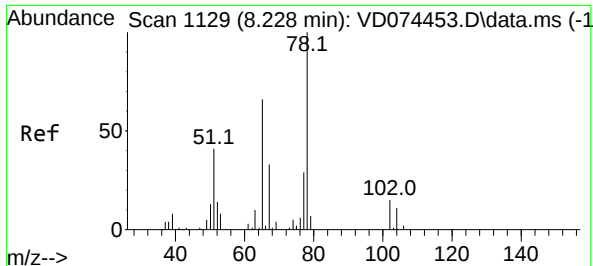
Tgt Ion:168 Resp: 103652
Ion Ratio Lower Upper
168 100
99 49.8 40.9 61.3



#16
Acetone
Concen: 18.217 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074505.D
Acq: 10 Oct 2022 16:28

Tgt Ion: 43 Resp: 1663
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 48.033 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074505.D

Acq: 10 Oct 2022 16:28

Instrument :

MSVOA_D

ClientSampleId :

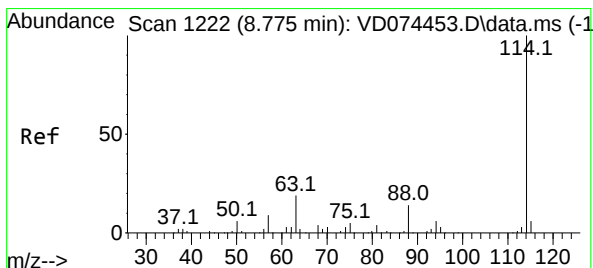
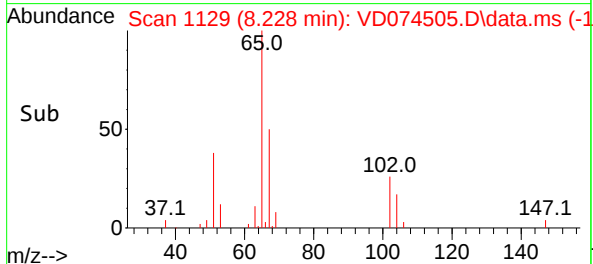
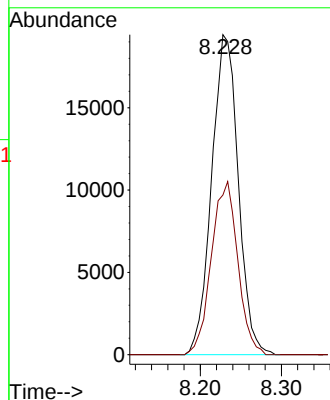
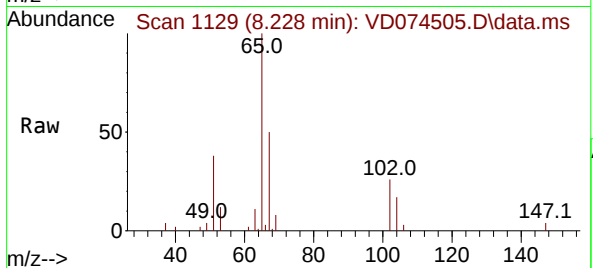
BP-VPB-RW5-GW-823-825

Tgt Ion: 65 Resp: 44234

Ion Ratio Lower Upper

65 100

67 53.7 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: VD074505.D

Acq: 10 Oct 2022 16:28

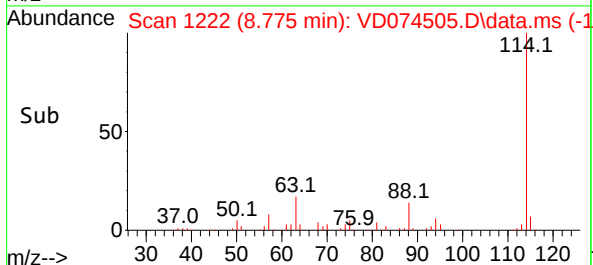
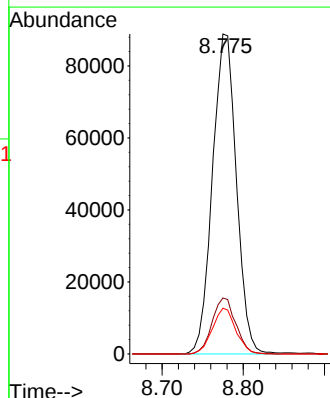
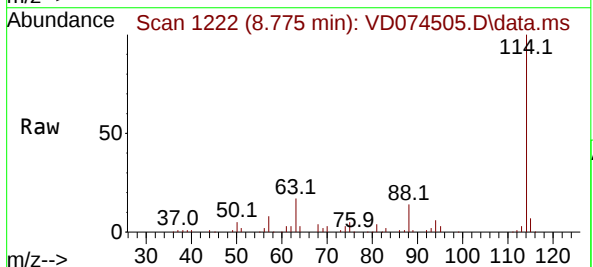
Tgt Ion: 114 Resp: 182051

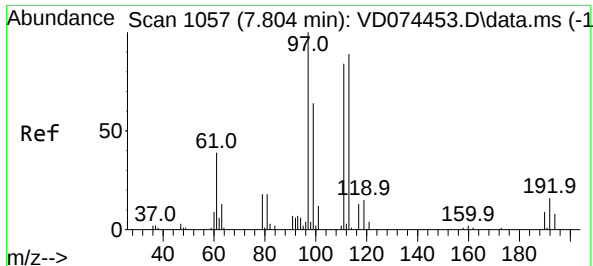
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.2

88 14.3 0.0 28.2

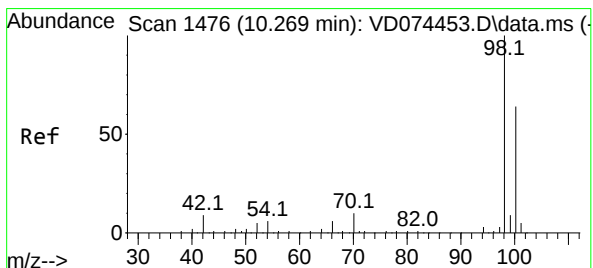
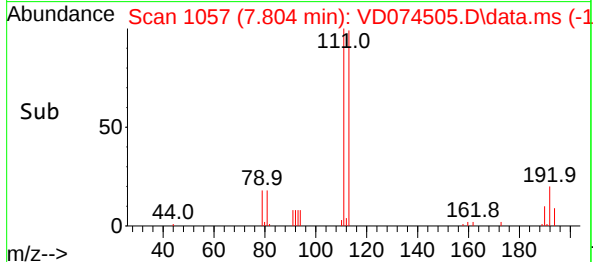
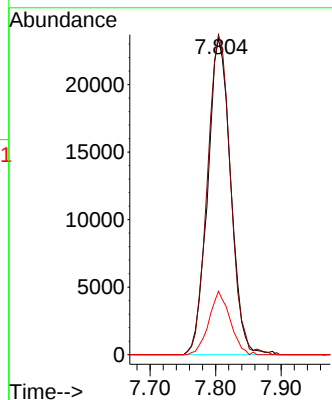
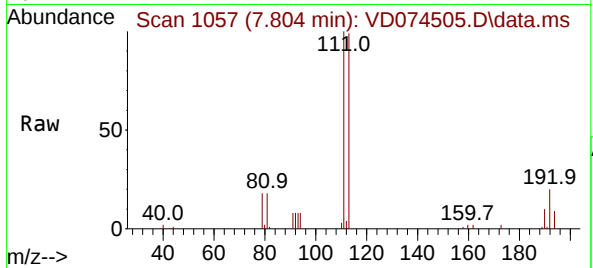




#35
Dibromofluoromethane
Concen: 47.463 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074505.D
Acq: 10 Oct 2022 16:28

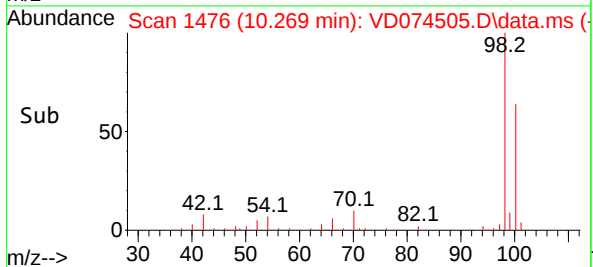
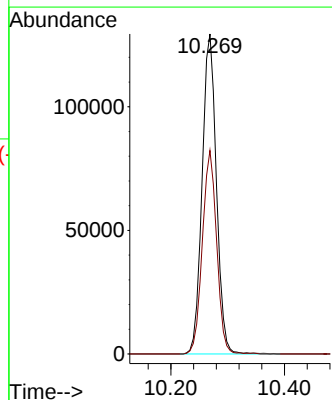
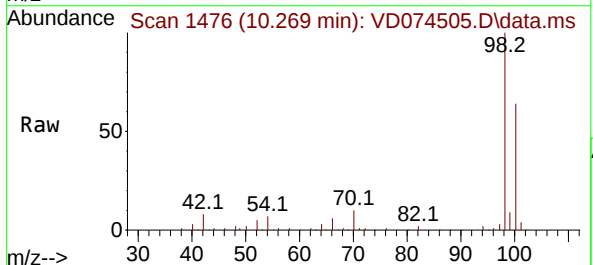
Instrument :
MSVOA_D
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BP-VPB-RW5-GW-823-825

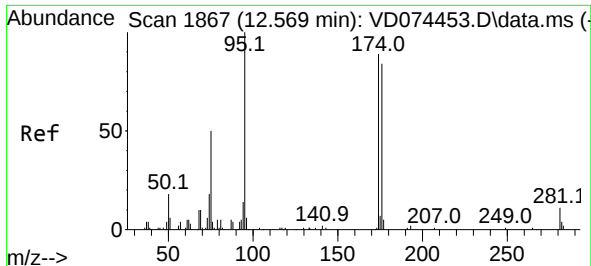
Tgt Ion:113 Resp: 56978
Ion Ratio Lower Upper
113 100
111 102.0 82.3 123.5
192 18.5 16.4 24.6



#50
Toluene-d8
Concen: 51.397 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074505.D
Acq: 10 Oct 2022 16:28

Tgt Ion: 98 Resp: 225599
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 39.900 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD074505.D

Acq: 10 Oct 2022 16:28

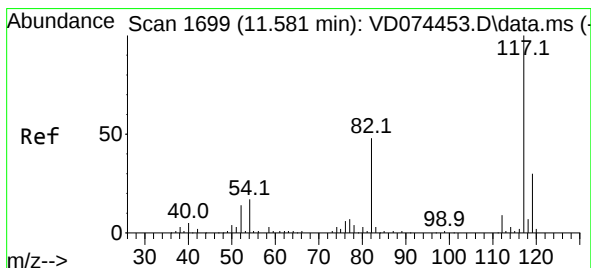
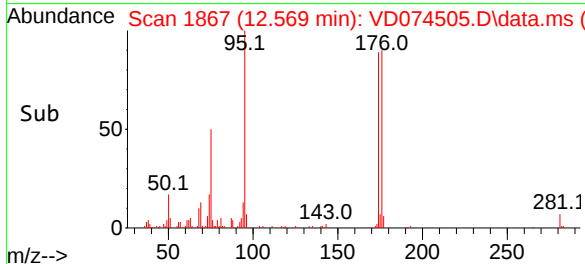
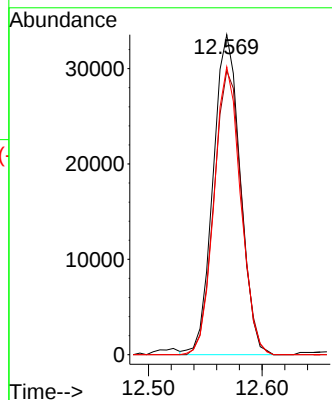
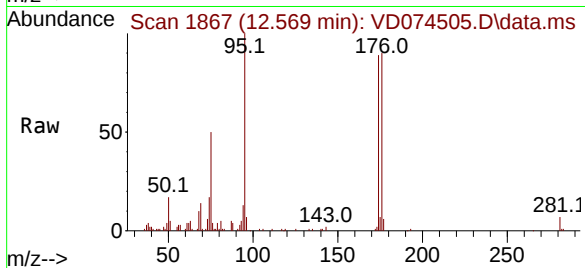
Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-RW5-GW-823-825

Tgt Ion:	95	Resp:	55758
Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	197.0
176	87.9	0.0	182.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

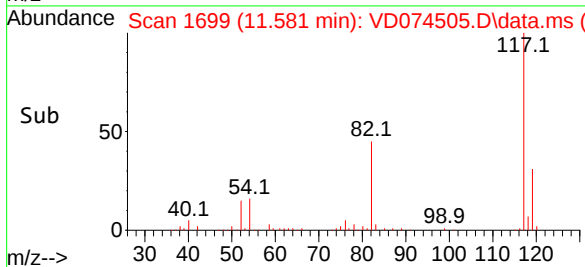
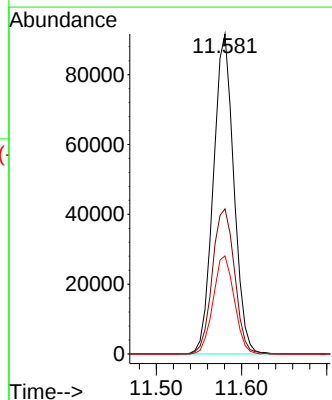
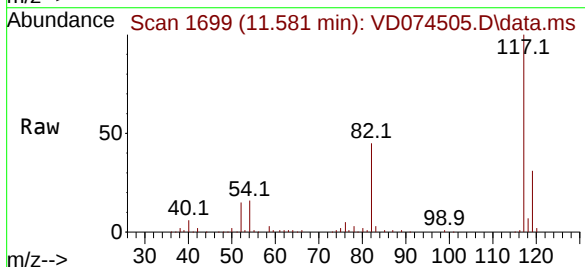
RT: 11.581 min Scan# 1699

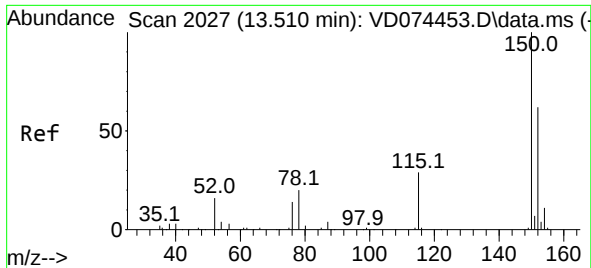
Delta R.T. -0.000 min

Lab File: VD074505.D

Acq: 10 Oct 2022 16:28

Tgt Ion:	117	Resp:	152897
Ion	Ratio	Lower	Upper
117	100		
82	45.4	41.6	62.4
119	30.7	25.2	37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.510 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD074505.D

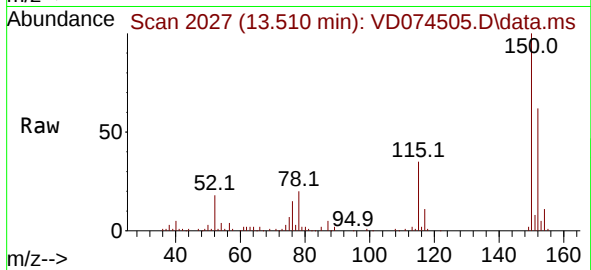
Acq: 10 Oct 2022 16:28

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-RW5-GW-823-825



Tgt Ion:152 Resp: 54790

Ion Ratio Lower Upper

152 100

115 55.1 26.8 80.4

150 158.0 0.0 348.2

