

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092122\
 Data File : VD074391.D
 Acq On : 21 Sep 2022 16:11
 Operator : VA/SY
 Sample : N4668-07
 Misc : 5.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D22003-18

Quant Time: Sep 22 05:12:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

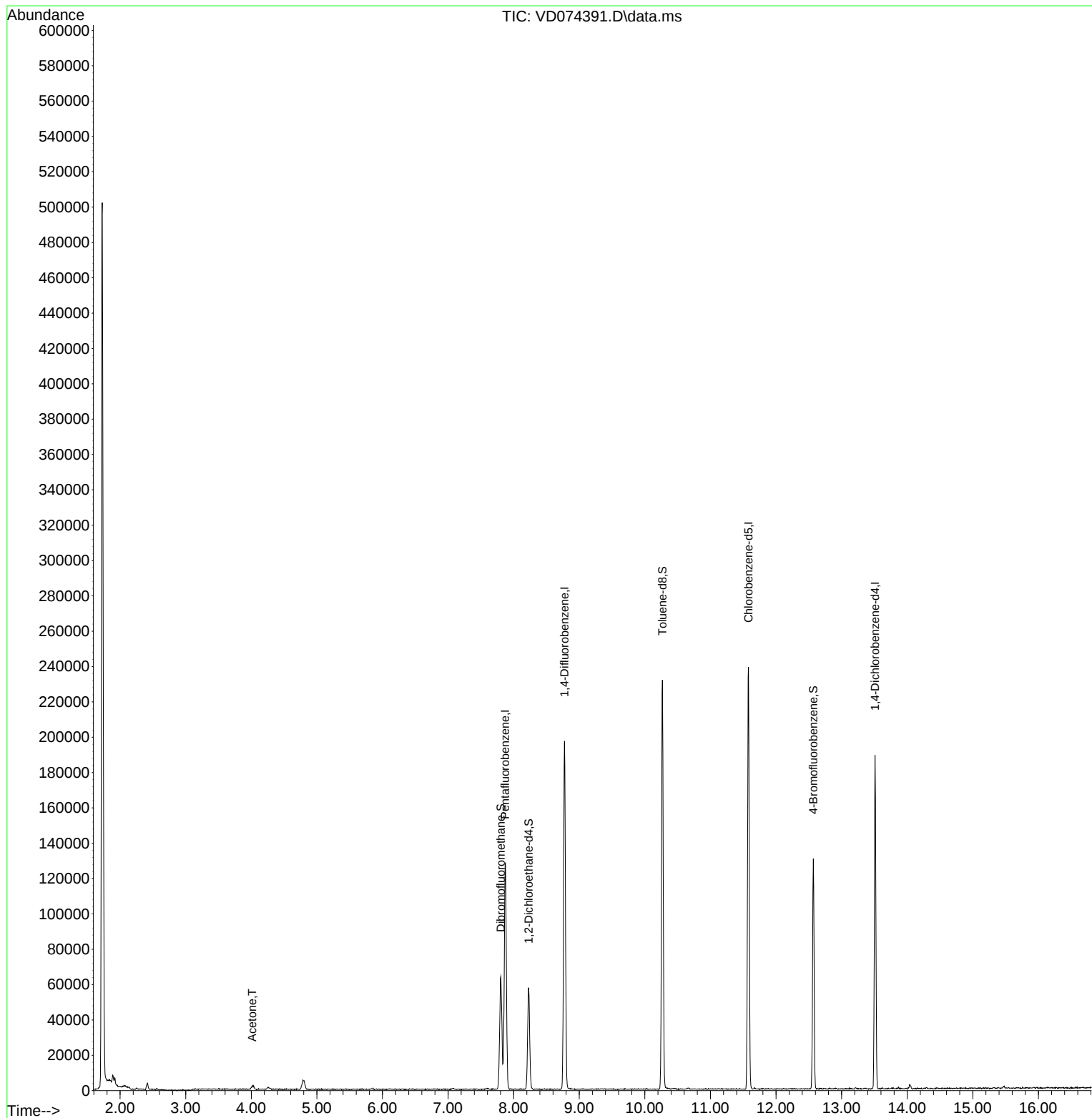
Internal Standards						
1) Pentafluorobenzene	7.869	168	99092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	174258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	139566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	49721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	43810	45.391	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.780%
35) Dibromofluoromethane	7.804	113	45405	39.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.120%
50) Toluene-d8	10.269	98	162300	40.985	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.960%
62) 4-Bromofluorobenzene	12.569	95	39361	26.661	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	53.320%
Target Compounds						Qvalue
16) Acetone	4.016	43	3742	17.209	ug/l	92

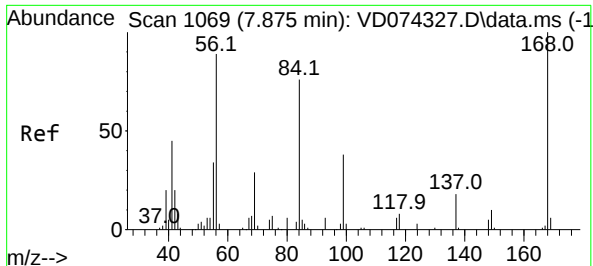
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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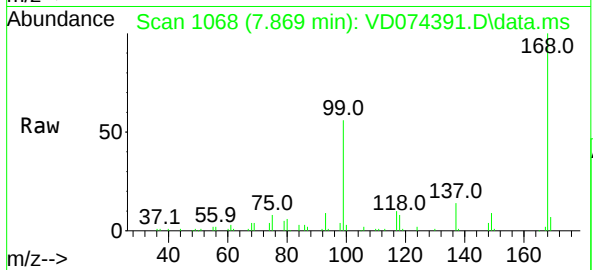
Quant Time: Sep 22 05:12:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
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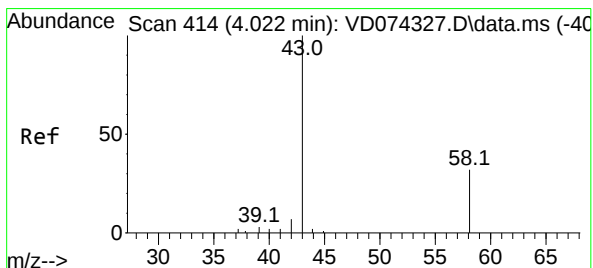
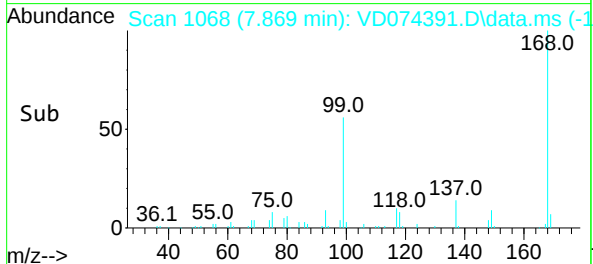
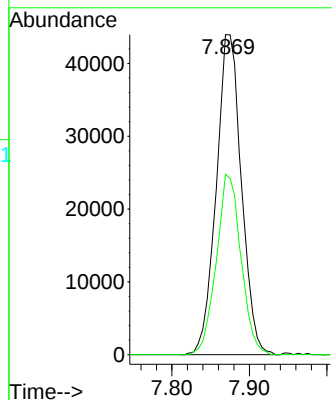


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074391.D
Acq: 21 Sep 2022 16:11

Instrument :
MSVOA_D
ClientSampleId :
D22003-18

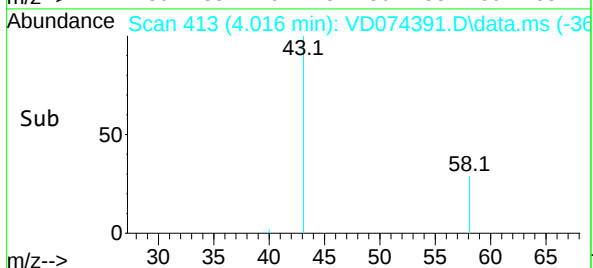
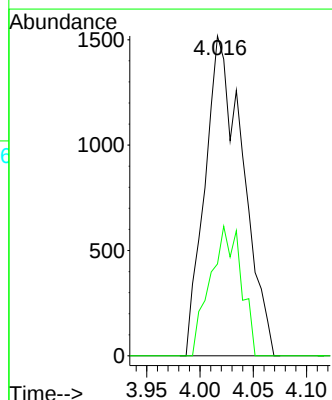
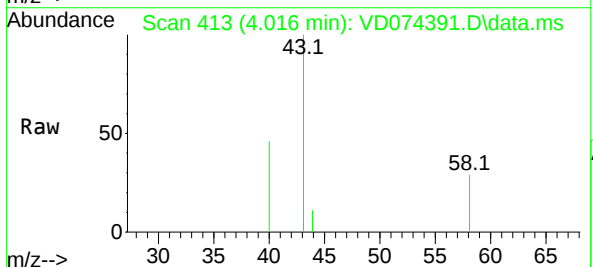


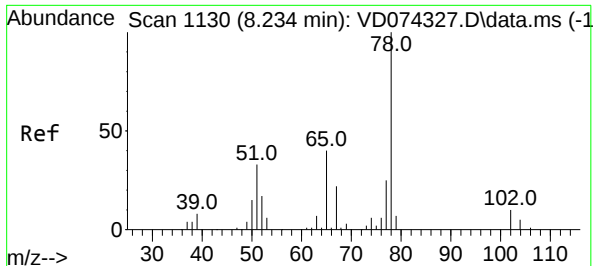
Tgt Ion:168 Resp: 99092
Ion Ratio Lower Upper
168 100
99 56.4 43.0 64.6



#16
Acetone
Concen: 17.209 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD074391.D
Acq: 21 Sep 2022 16:11

Tgt Ion: 43 Resp: 3742
Ion Ratio Lower Upper
43 100
58 28.7 26.4 39.6





#33

1,2-Dichloroethane-d4

Concen: 45.391 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074391.D

Acq: 21 Sep 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

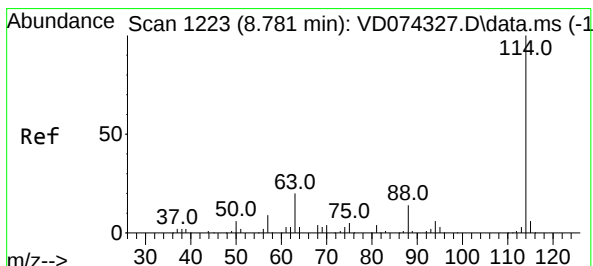
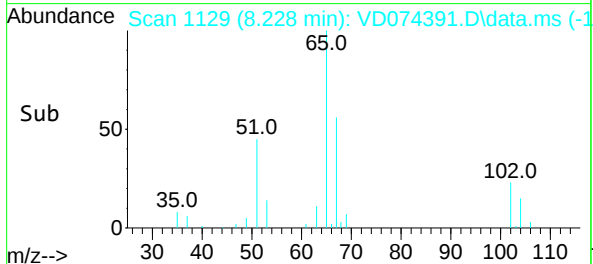
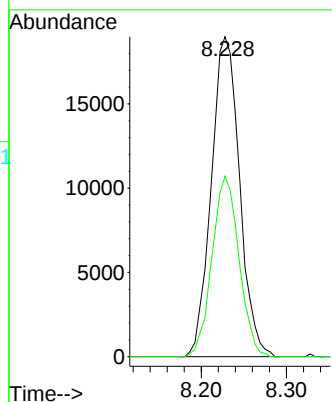
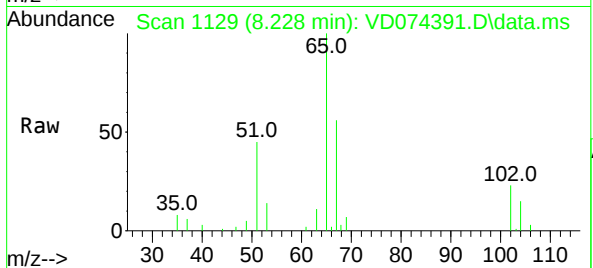
D22003-18

Tgt Ion: 65 Resp: 43810

Ion Ratio Lower Upper

65 100

67 53.7 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD074391.D

Acq: 21 Sep 2022 16:11

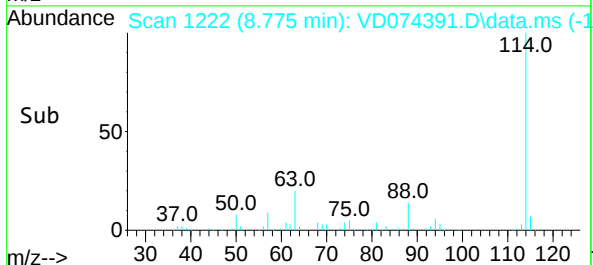
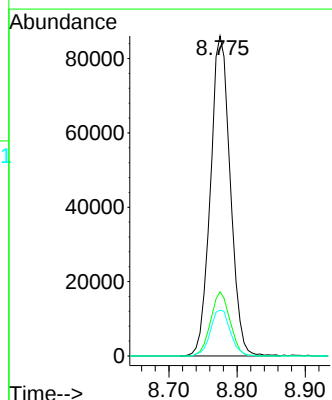
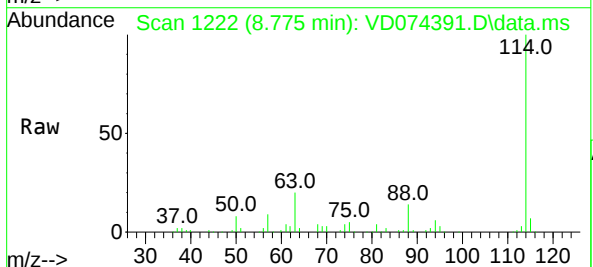
Tgt Ion: 114 Resp: 174258

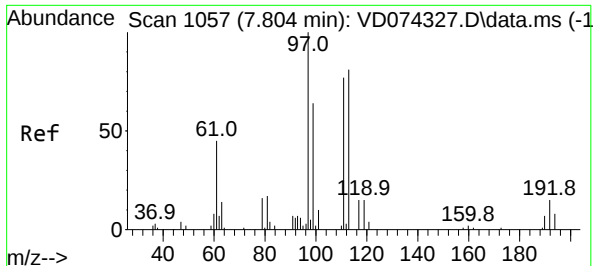
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.6

88 14.3 0.0 28.4

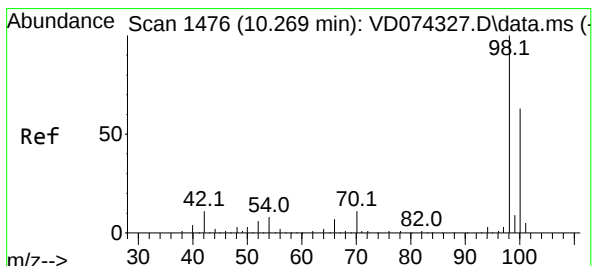
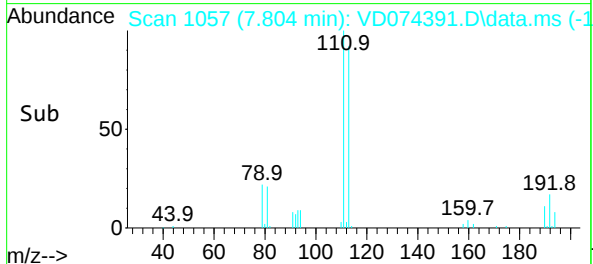
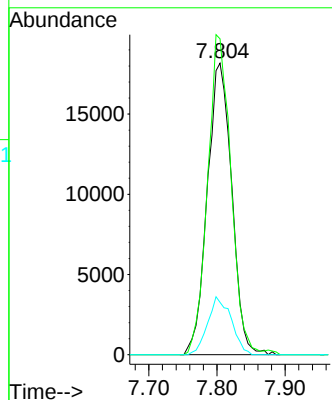
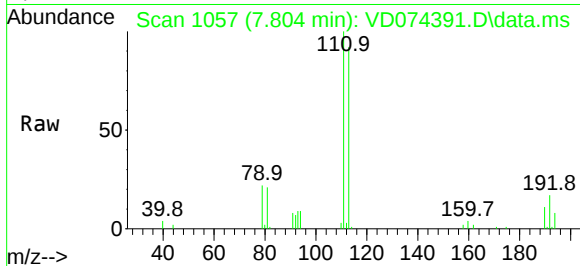




#35
Dibromofluoromethane
Concen: 39.563 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074391.D
Acq: 21 Sep 2022 16:11

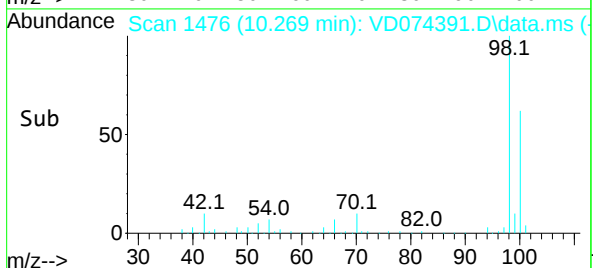
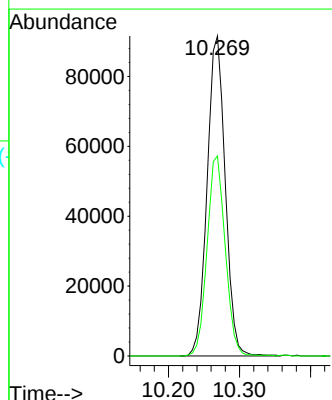
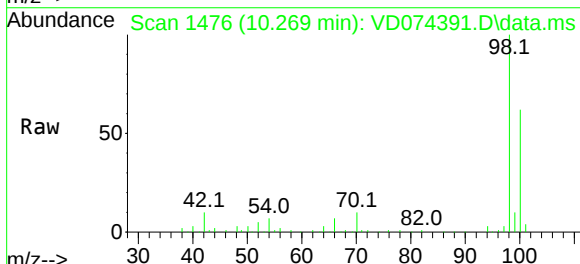
Instrument :
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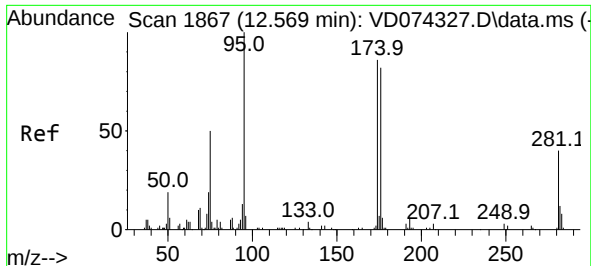
Tgt Ion:113 Resp: 45405
Ion Ratio Lower Upper
113 100
111 104.6 83.0 124.6
192 19.2 16.2 24.2



#50
Toluene-d8
Concen: 40.985 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074391.D
Acq: 21 Sep 2022 16:11

Tgt Ion: 98 Resp: 162300
Ion Ratio Lower Upper
98 100
100 62.7 51.8 77.8

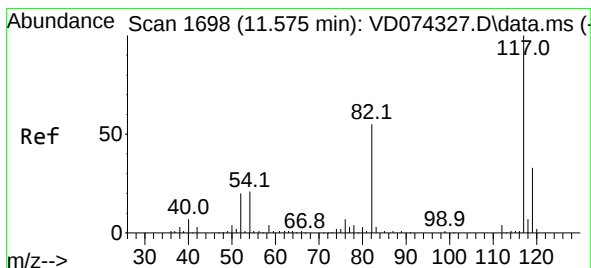
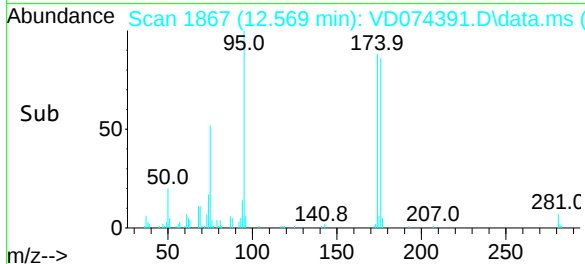
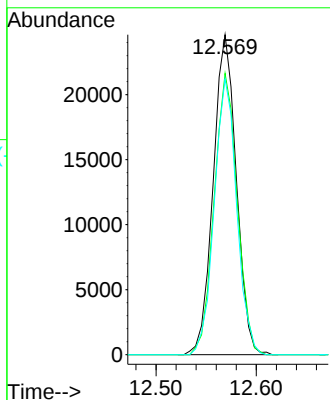
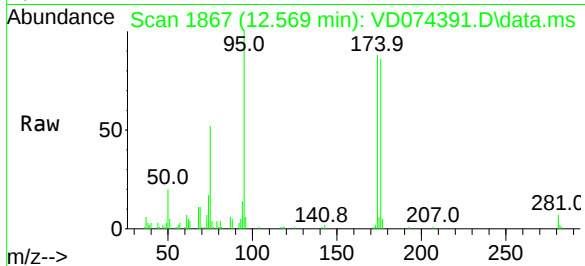




#62
4-Bromofluorobenzene
Concen: 26.661 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074391.D
Acq: 21 Sep 2022 16:11

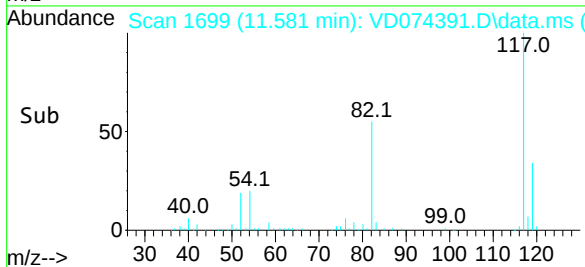
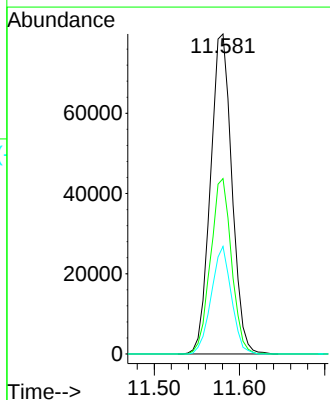
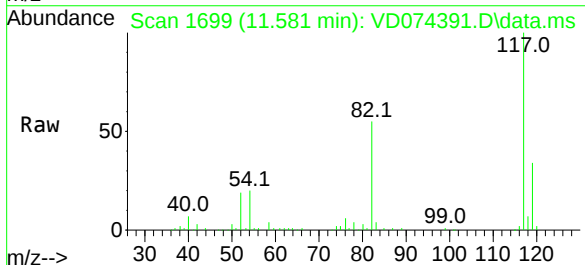
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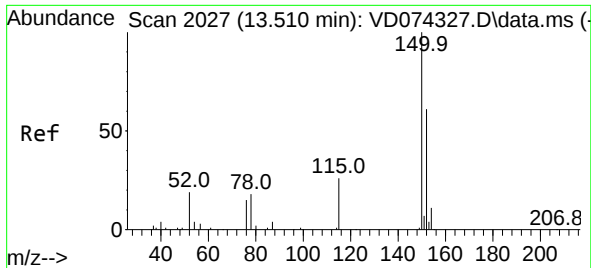
Tgt Ion:	95	Resp:	39361
Ion Ratio	Lower	Upper	
95	100		
174	87.6	0.0	179.2
176	83.6	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074391.D
Acq: 21 Sep 2022 16:11

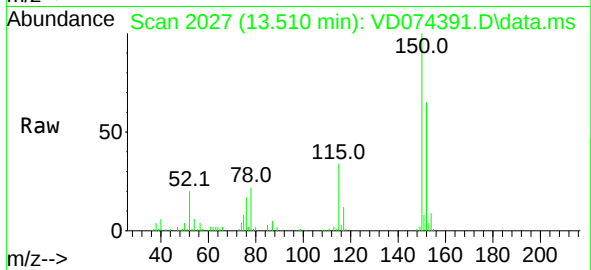
Tgt Ion:	117	Resp:	139566
Ion Ratio	Lower	Upper	
117	100		
82	54.8	44.2	66.2
119	33.6	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD074391.D
 Acq: 21 Sep 2022 16:11

Instrument :
 MSVOA_D
 ClientSampleId :
 D22003-18



Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.4	85.2
150	157.5	0.0	351.0

