

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074918.D
 Acq On : 12 Nov 2022 06:01
 Operator : VA/SY
 Sample : N5506-04RE
 Misc : 5.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6

Quant Time: Nov 14 01:00:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

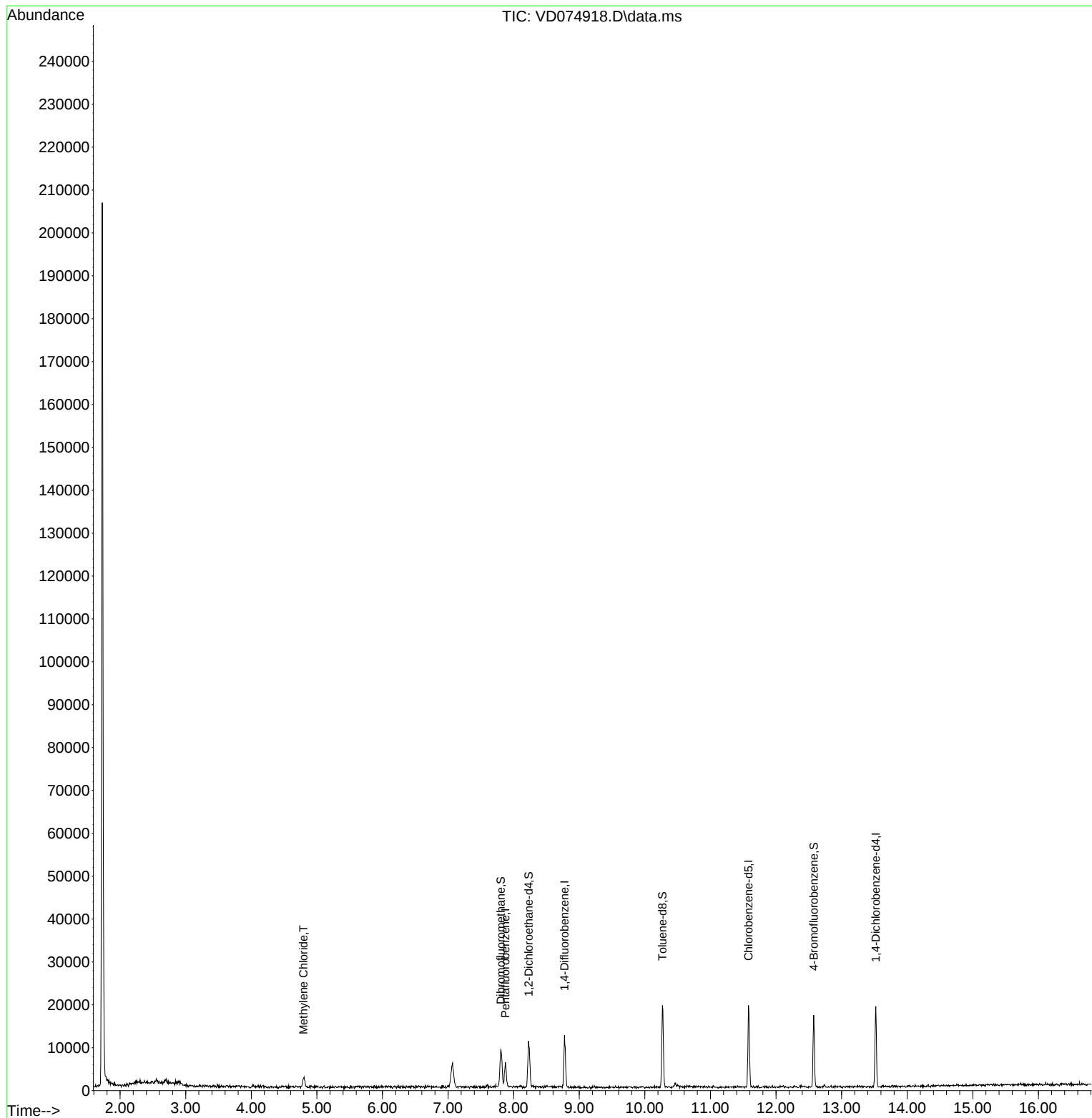
Internal Standards						
1) Pentafluorobenzene	7.875	168	5421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	11687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	12208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	5537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	8577	263.401	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 526.800%#	
35) Dibromofluoromethane	7.804	113	6936	96.277	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 192.560%#	
50) Toluene-d8	10.269	98	14813	62.420	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 124.840%	
62) 4-Bromofluorobenzene	12.574	95	5741	78.784	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 157.560%#	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.792	84	1880	15.634	ug/l #	88

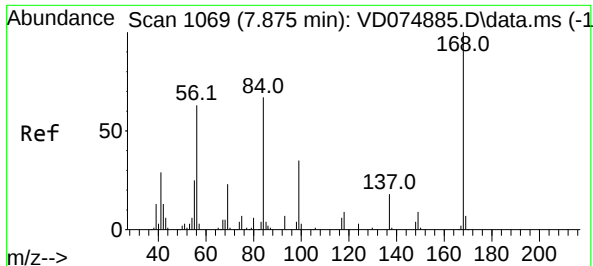
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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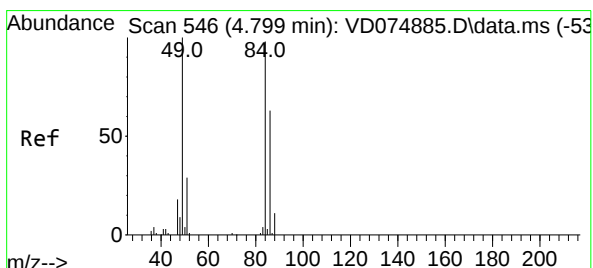
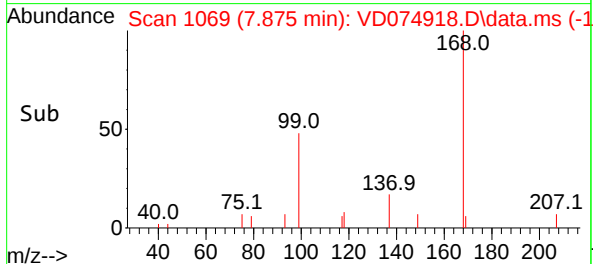
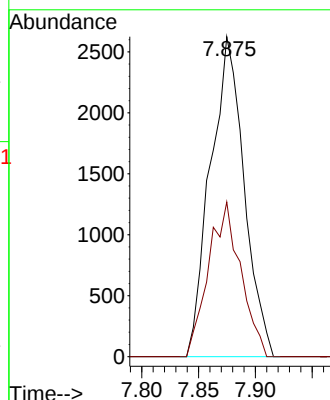
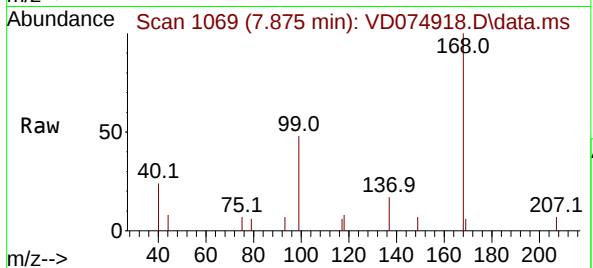




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074918.D
Acq: 12 Nov 2022 06:01

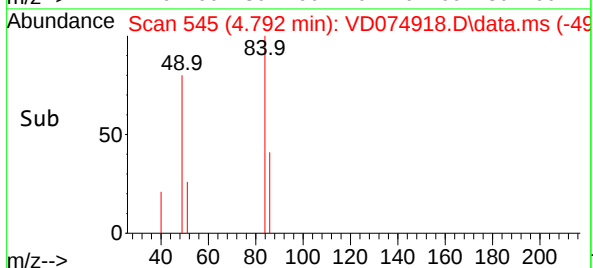
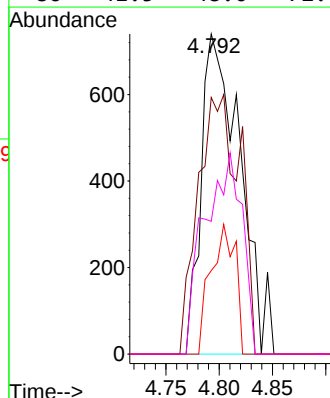
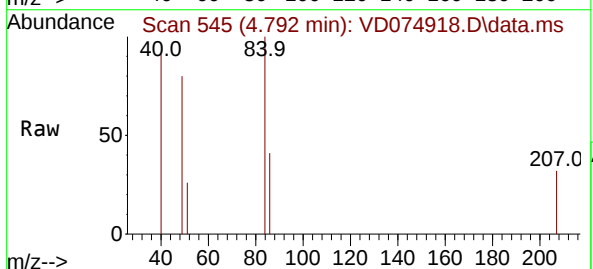
Instrument :
MSVOA_D
ClientSampleId :
TP-6

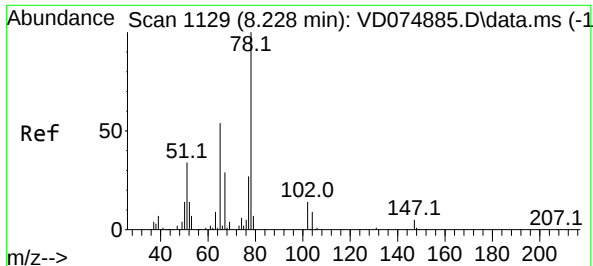
Tgt Ion:168 Resp: 5421
Ion Ratio Lower Upper
168 100
99 48.3 40.9 61.3



#20
Methylene Chloride
Concen: 15.634 ug/l
RT: 4.792 min Scan# 545
Delta R.T. -0.007 min
Lab File: VD074918.D
Acq: 12 Nov 2022 06:01

Tgt Ion: 84 Resp: 1880
Ion Ratio Lower Upper
84 100
49 80.1 68.0 102.0
51 26.1 23.2 34.8
86 41.5 48.0 72.0#





#33

1,2-Dichloroethane-d4

Concen: 263.401 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074918.D

Acq: 12 Nov 2022 06:01

Instrument :

MSVOA_D

ClientSampleId :

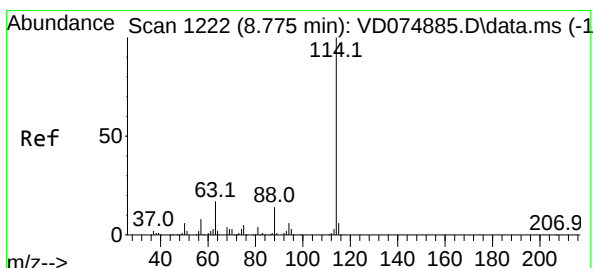
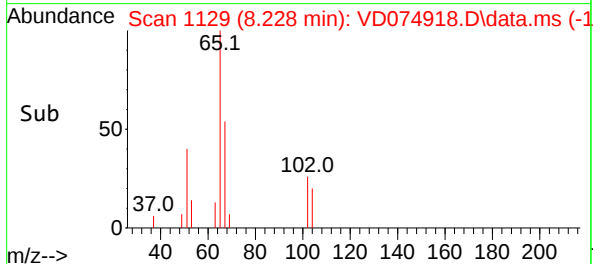
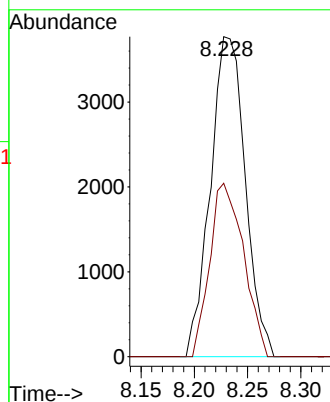
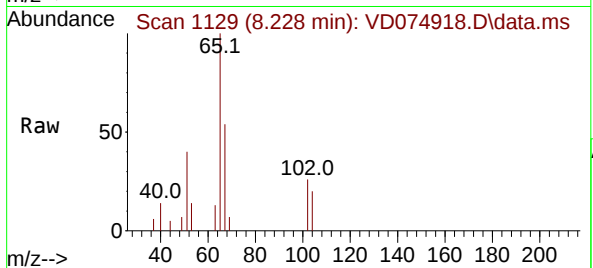
TP-6

Tgt Ion: 65 Resp: 8577

Ion Ratio Lower Upper

65 100

67 52.5 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: VD074918.D

Acq: 12 Nov 2022 06:01

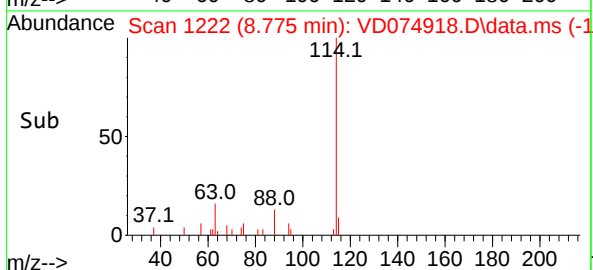
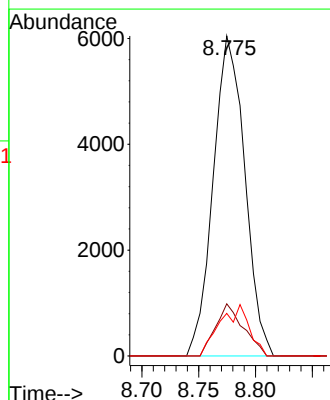
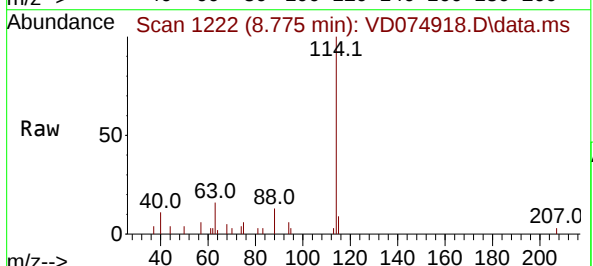
Tgt Ion: 114 Resp: 11687

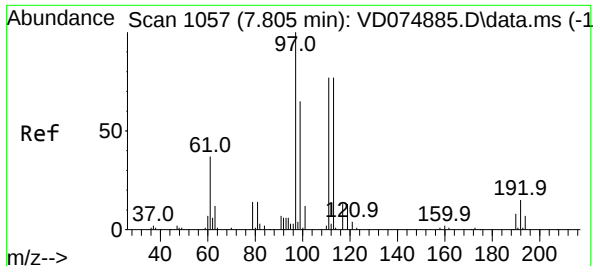
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.2

88 13.3 0.0 28.2





#35

Dibromofluoromethane

Concen: 96.277 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074918.D

Acq: 12 Nov 2022 06:01

Instrument :

MSVOA_D

ClientSampleId :

TP-6

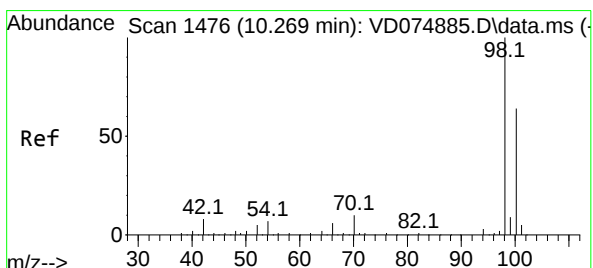
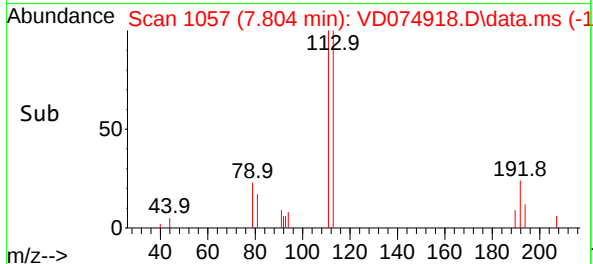
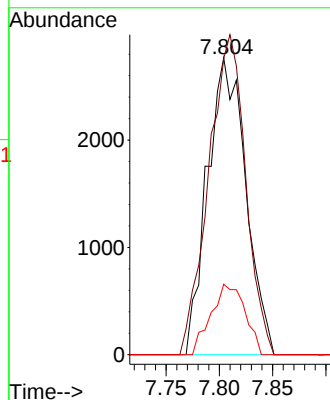
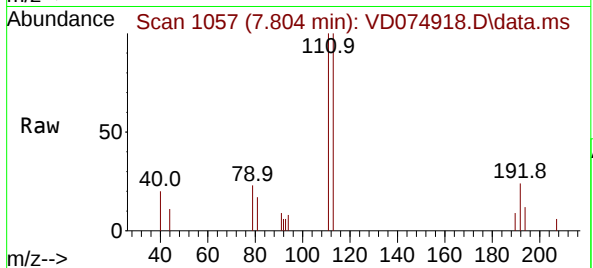
Tgt Ion:113 Resp: 6936

Ion Ratio Lower Upper

113 100

111 103.6 82.3 123.5

192 21.0 16.4 24.6



#50

Toluene-d8

Concen: 62.420 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD074918.D

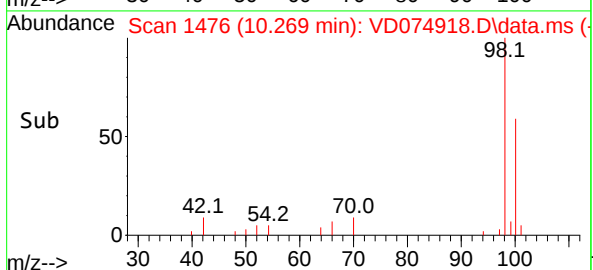
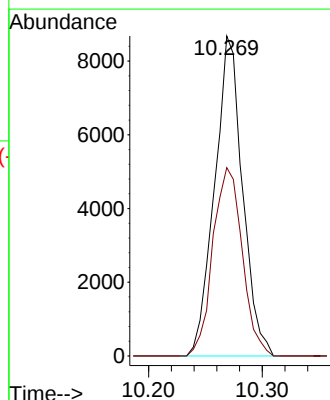
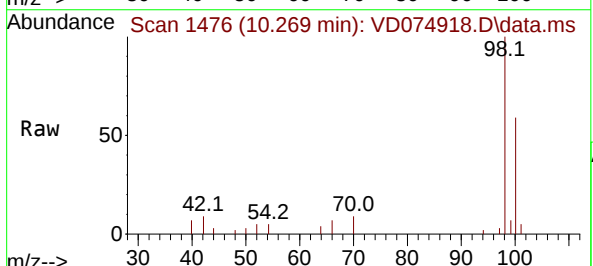
Acq: 12 Nov 2022 06:01

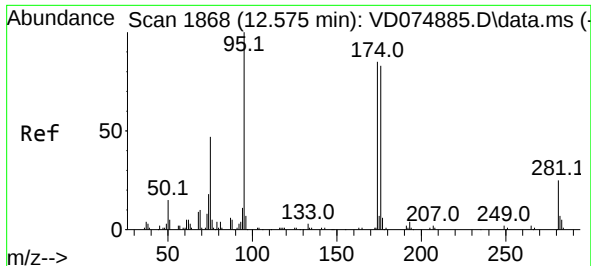
Tgt Ion: 98 Resp: 14813

Ion Ratio Lower Upper

98 100

100 61.8 51.4 77.0

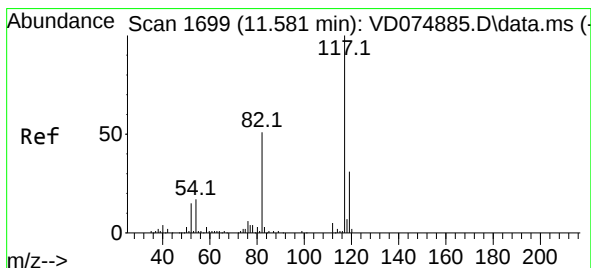
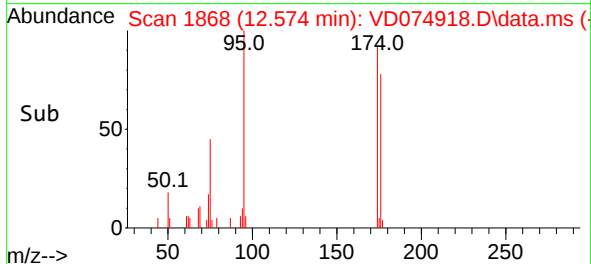
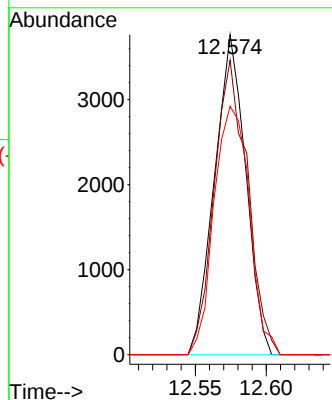
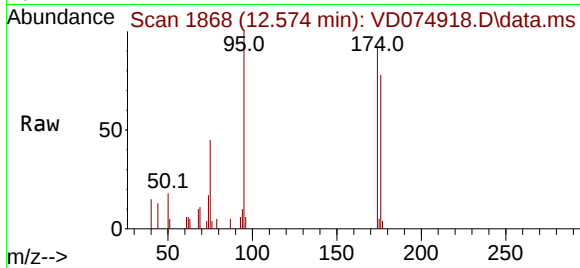




#62
4-Bromofluorobenzene
Concen: 78.784 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD074918.D
Acq: 12 Nov 2022 06:01

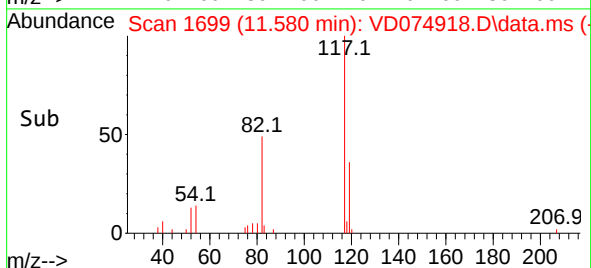
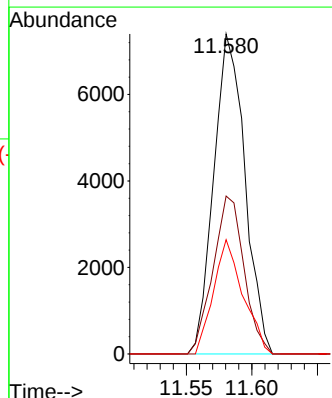
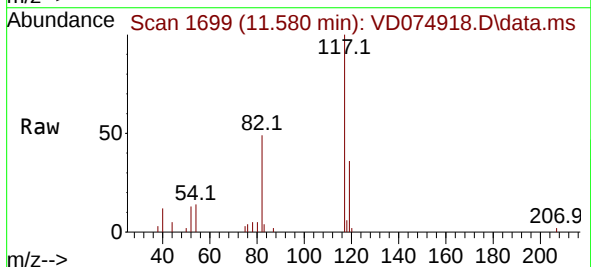
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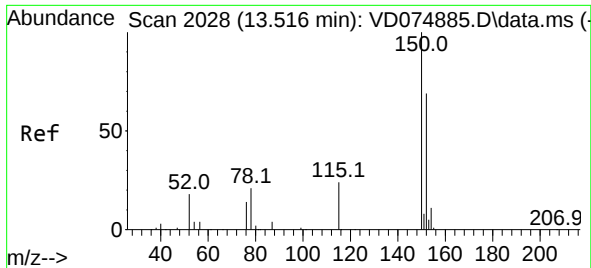
Tgt Ion:	95	Resp:	5741
Ion	Ratio	Lower	Upper
95	100		
174	97.8	0.0	197.0
176	88.3	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.001 min
Lab File: VD074918.D
Acq: 12 Nov 2022 06:01

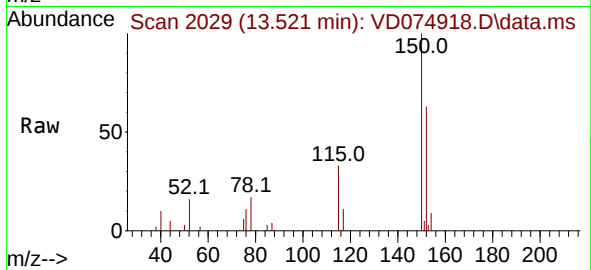
Tgt Ion:	117	Resp:	12208
Ion	Ratio	Lower	Upper
117	100		
82	49.4	41.6	62.4
119	35.7	25.2	37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.521 min Scan# 20
 Delta R.T. 0.005 min
 Lab File: VD074918.D
 Acq: 12 Nov 2022 06:01

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6



Tgt Ion:152 Resp: 5537
 Ion Ratio Lower Upper
 152 100
 115 55.7 26.8 80.4
 150 181.0 0.0 348.2

