

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076524.D
 Acq On : 21 Jun 2023 20:52
 Operator : KP/SY
 Sample : 03355-11
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-6.5-7.0

Quant Time: Jun 22 02:03:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

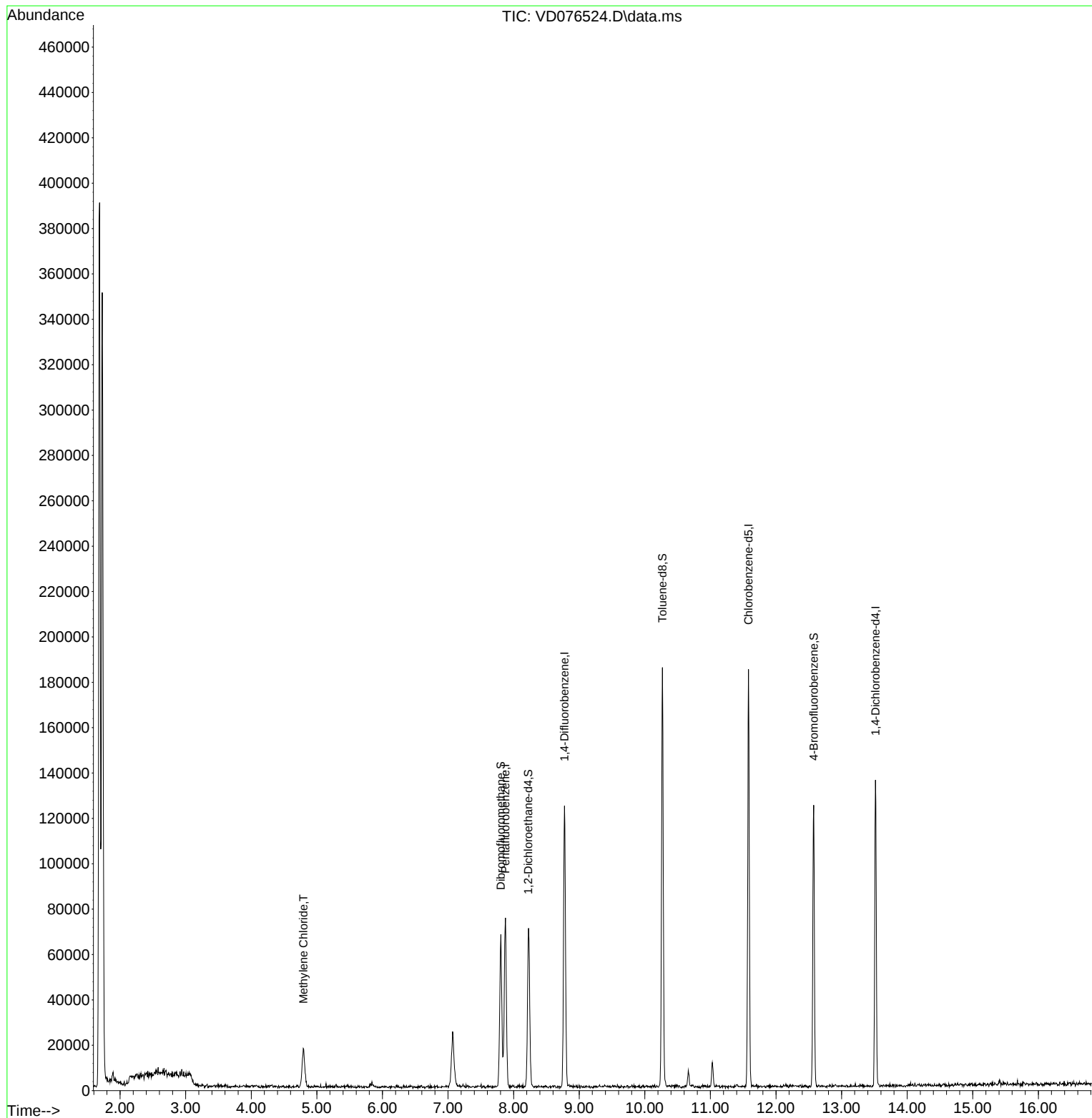
Internal Standards						
1) Pentafluorobenzene	7.875	168	59090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	107838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	100777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	36090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	53307	90.041	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 180.080%#	
35) Dibromofluoromethane	7.805	113	43606	68.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 136.140%	
50) Toluene-d8	10.269	98	123327	50.761	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.520%	
62) 4-Bromofluorobenzene	12.575	95	36931	46.837	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.680%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	11359	7.834	ug/l #	81

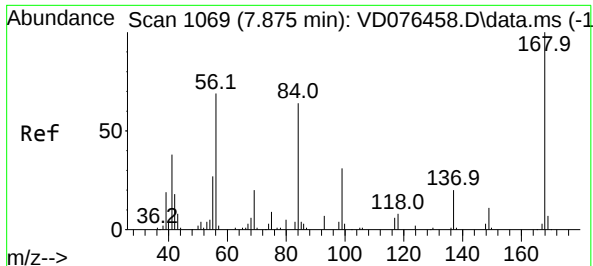
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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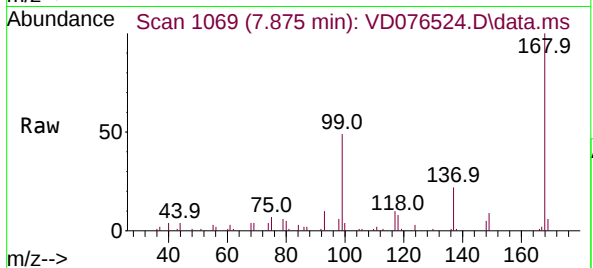
Quant Time: Jun 22 02:03:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
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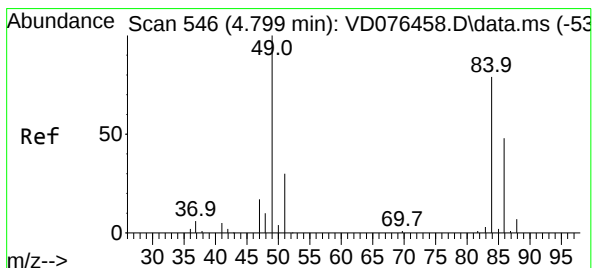
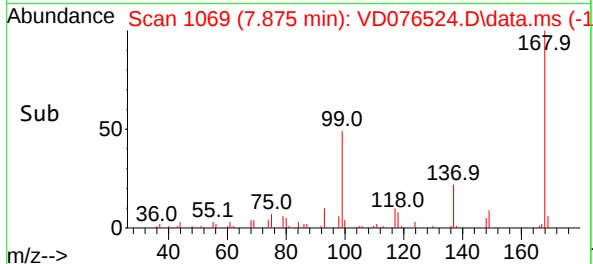
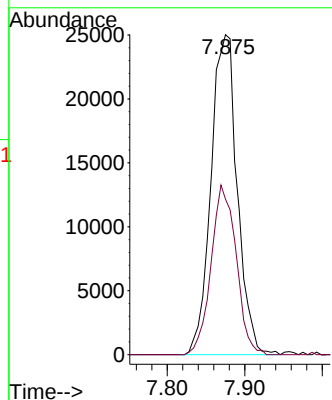


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076524.D
Acq: 21 Jun 2023 20:52

Instrument :
MSVOA_D
ClientSampleId :
SB-06-6.5-7.0

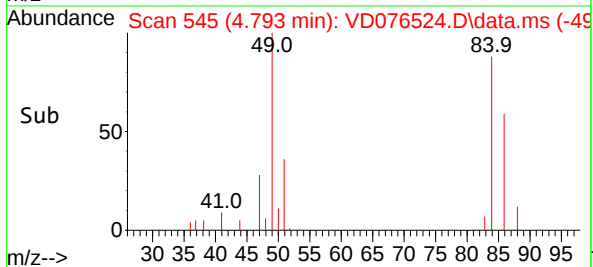
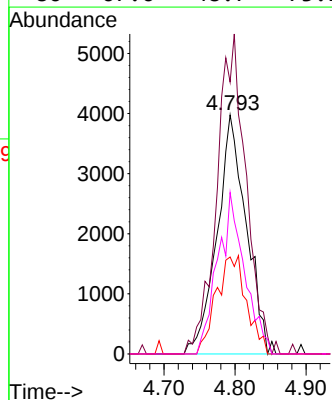
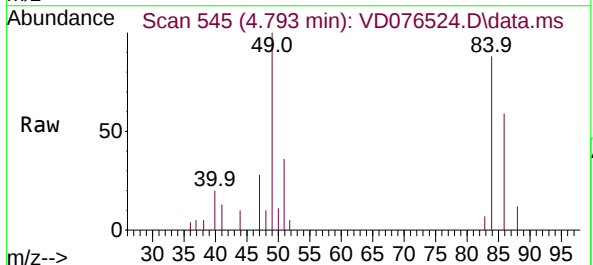


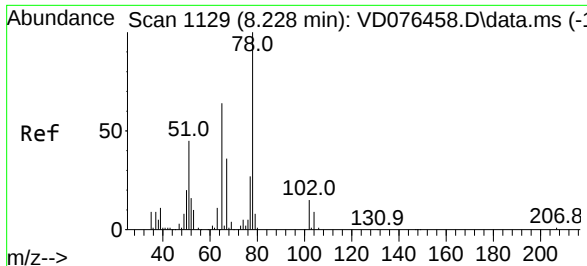
Tgt Ion:168 Resp: 59090
Ion Ratio Lower Upper
168 100
99 48.6 36.7 55.1



#20
Methylene Chloride
Concen: 7.834 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076524.D
Acq: 21 Jun 2023 20:52

Tgt Ion: 84 Resp: 11359
Ion Ratio Lower Upper
84 100
49 113.8 71.4 107.2#
51 40.6 24.5 36.7#
86 67.6 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 90.041 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076524.D

Acq: 21 Jun 2023 20:52

Instrument :

MSVOA_D

ClientSampleId :

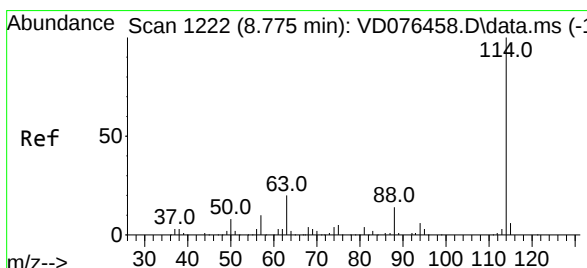
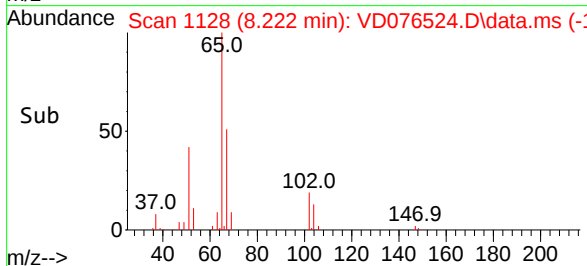
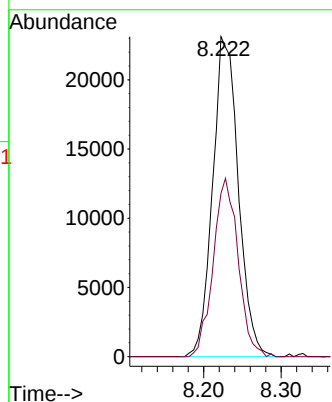
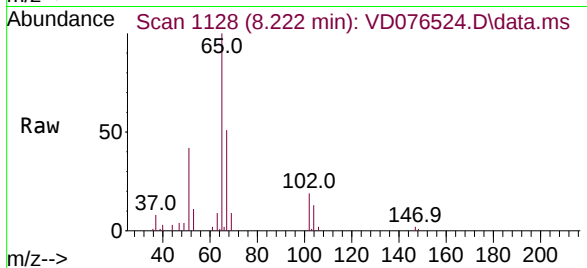
SB-06-6.5-7.0

Tgt Ion: 65 Resp: 53307

Ion Ratio Lower Upper

65 100

67 54.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076524.D

Acq: 21 Jun 2023 20:52

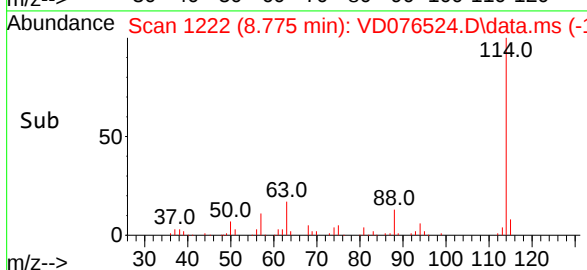
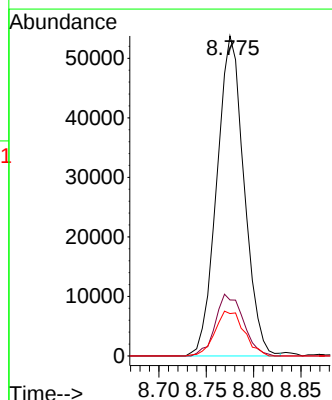
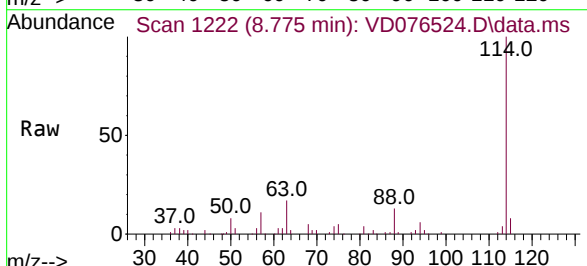
Tgt Ion: 114 Resp: 107838

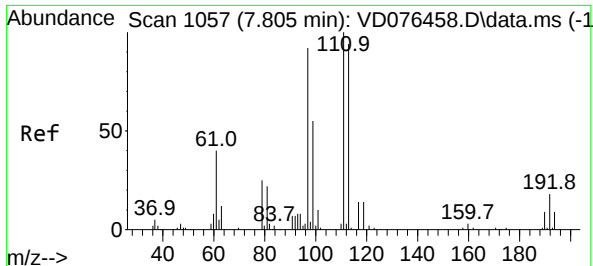
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 13.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 68.067 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076524.D

Acq: 21 Jun 2023 20:52

Instrument :

MSVOA_D

ClientSampleId :

SB-06-6.5-7.0

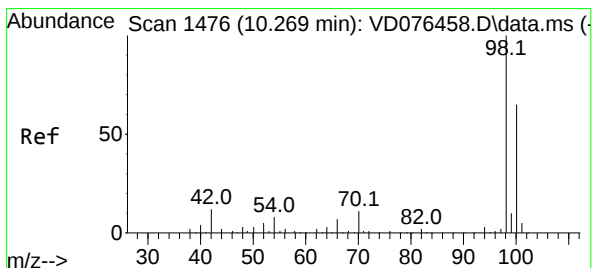
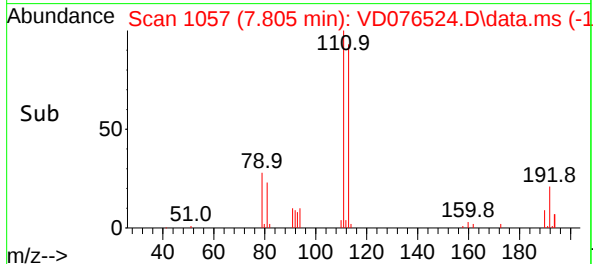
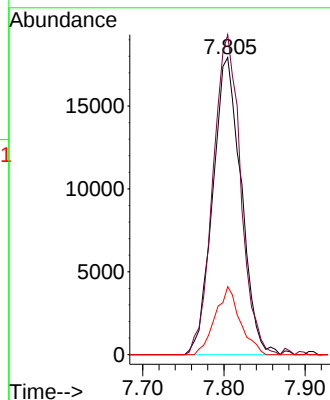
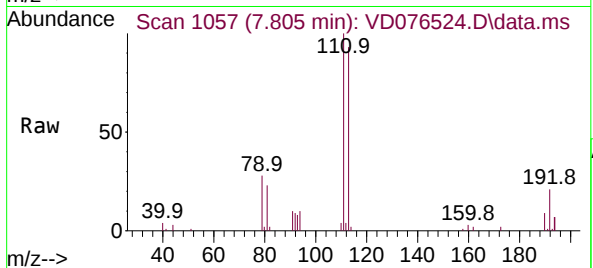
Tgt Ion:113 Resp: 43606

Ion Ratio Lower Upper

113 100

111 104.8 84.7 127.1

192 20.1 16.8 25.2



#50

Toluene-d8

Concen: 50.761 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076524.D

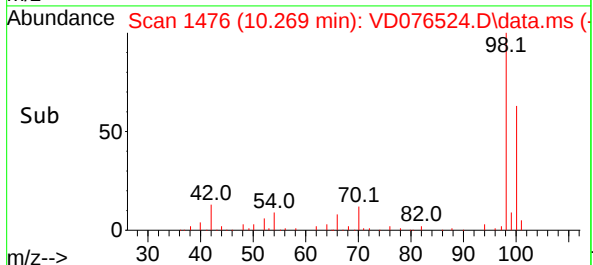
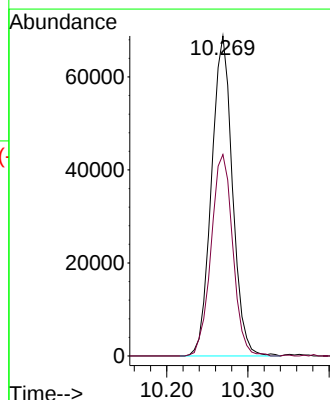
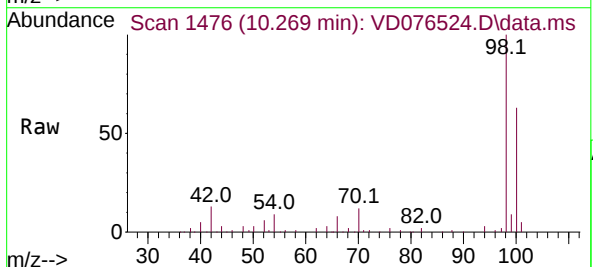
Acq: 21 Jun 2023 20:52

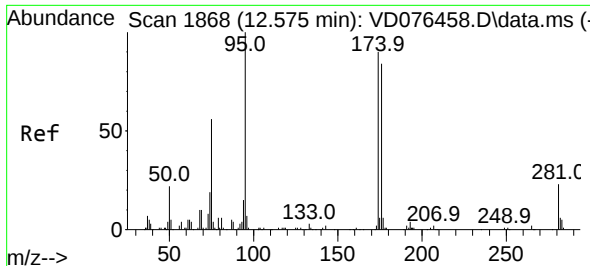
Tgt Ion: 98 Resp: 123327

Ion Ratio Lower Upper

98 100

100 65.2 50.3 75.5

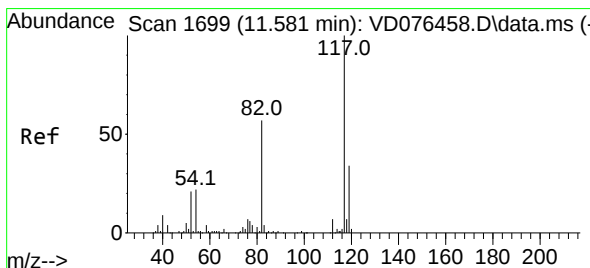
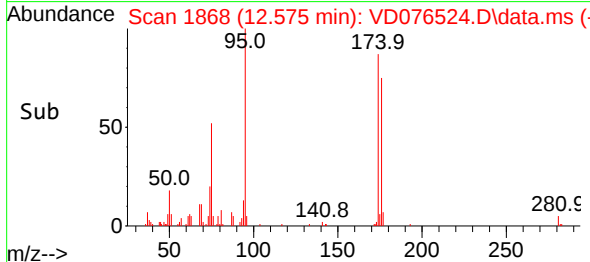
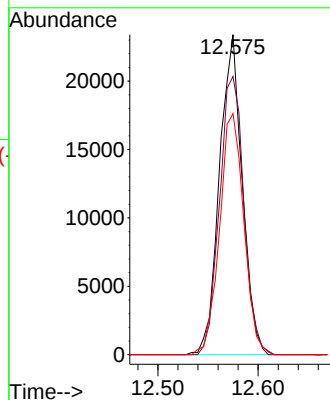
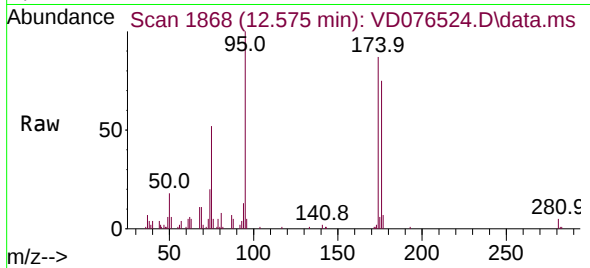




#62
4-Bromofluorobenzene
Concen: 46.837 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076524.D
Acq: 21 Jun 2023 20:52

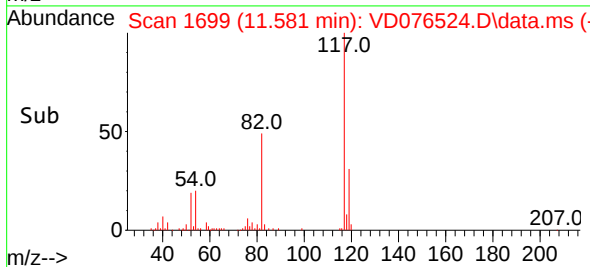
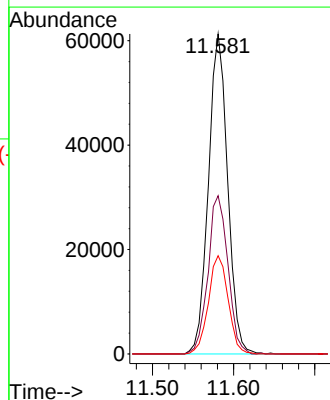
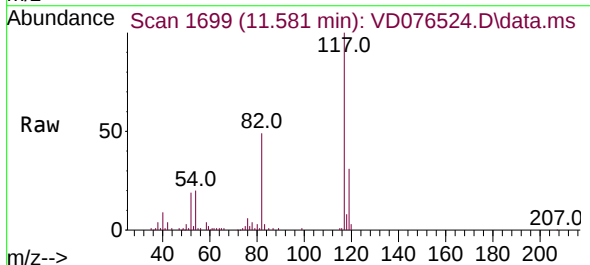
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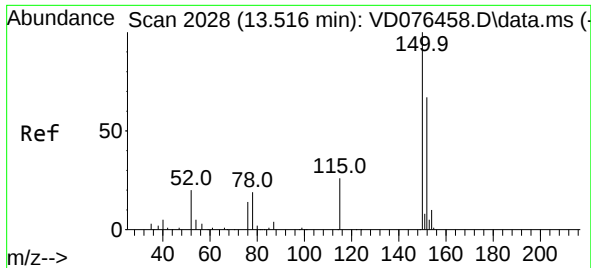
Tgt Ion: 95 Resp: 36931
Ion Ratio Lower Upper
95 100
174 92.2 0.0 201.8
176 80.1 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076524.D
Acq: 21 Jun 2023 20:52

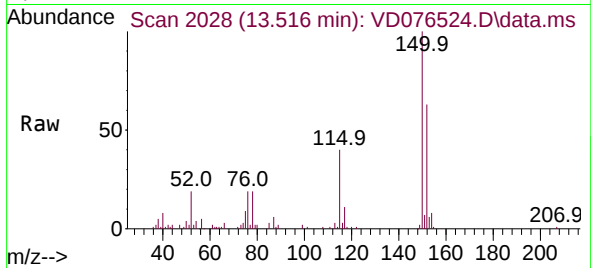
Tgt Ion: 117 Resp: 100777
Ion Ratio Lower Upper
117 100
82 49.5 38.3 57.5
119 30.7 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076524.D
 Acq: 21 Jun 2023 20:52

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-6.5-7.0



Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.1	81.3
150	157.6	0.0	353.6

