

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061623\
 Data File : VD076461.D
 Acq On : 16 Jun 2023 18:04
 Operator : KP/SY
 Sample : VIBLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jun 19 04:56:26 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)

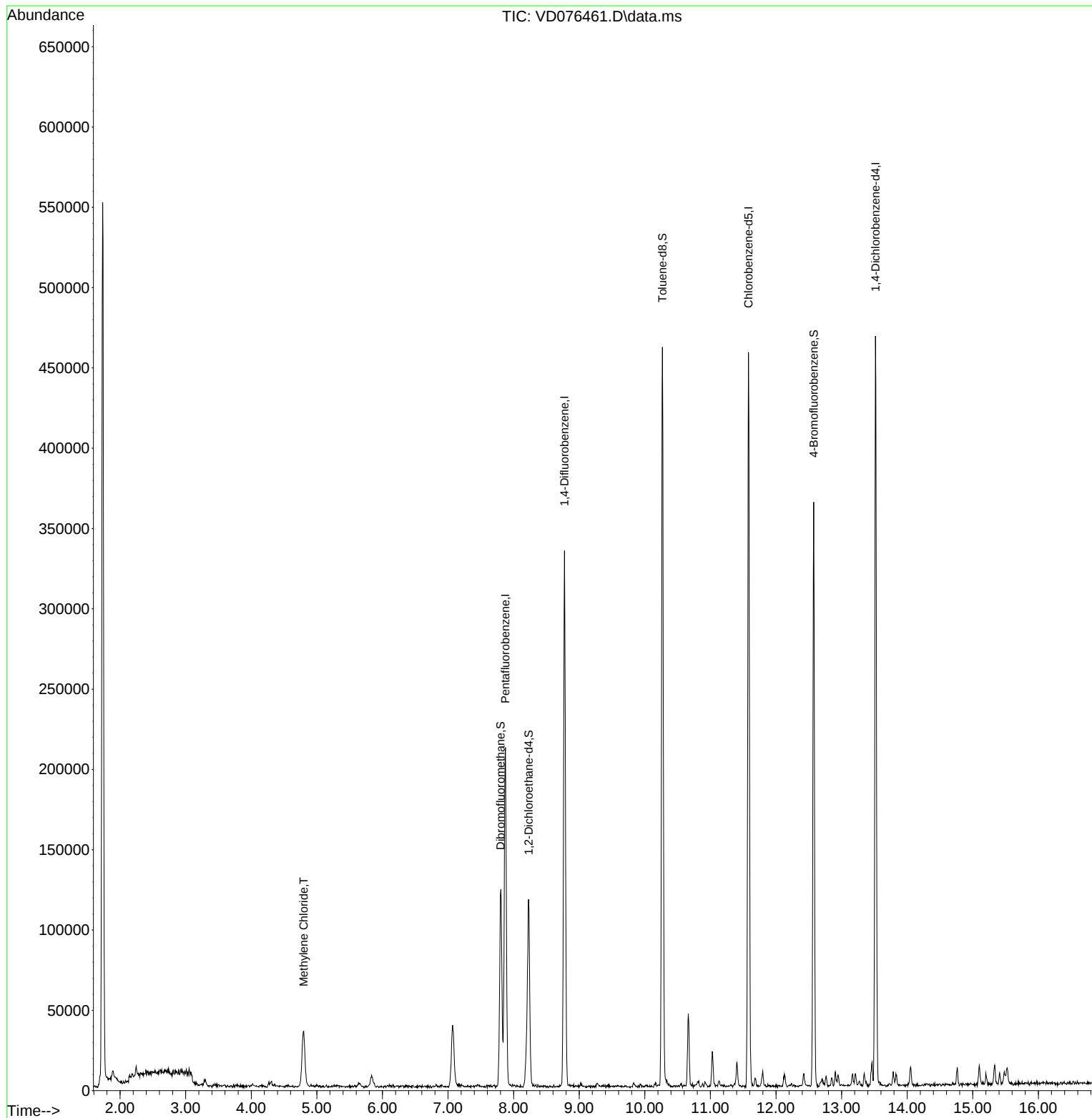
Internal Standards						
1) Pentafluorobenzene	7.875	168	165371	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	289281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	257635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	123280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81889	49.424	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.840%
35) Dibromofluoromethane	7.799	113	87670	51.015	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.020%
50) Toluene-d8	10.269	98	314725	48.290	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.580%
62) 4-Bromofluorobenzene	12.575	95	101902	48.176	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.360%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	24370	3.859	ug/l	# 79

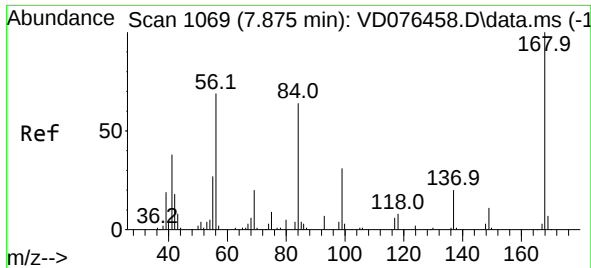
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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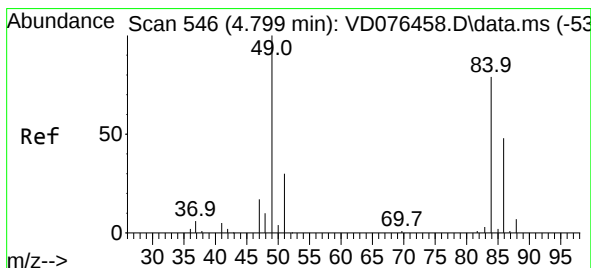
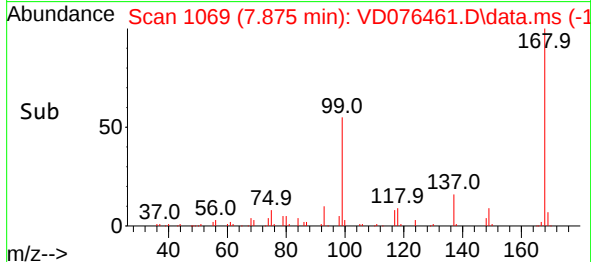
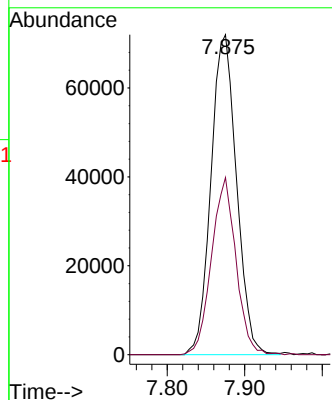
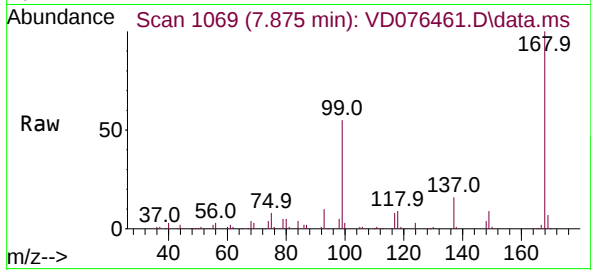




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076461.D
Acq: 16 Jun 2023 18:04

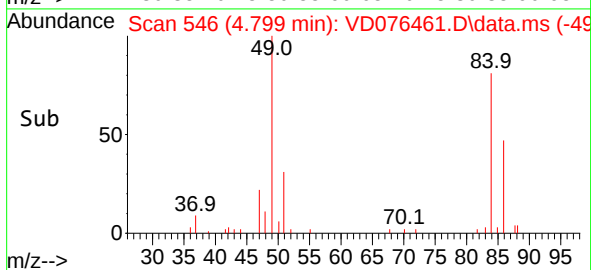
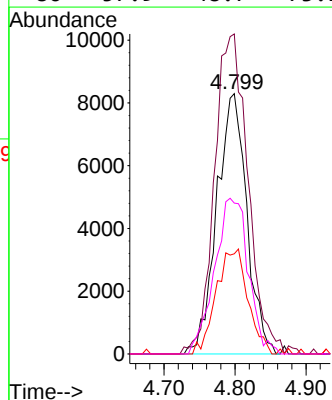
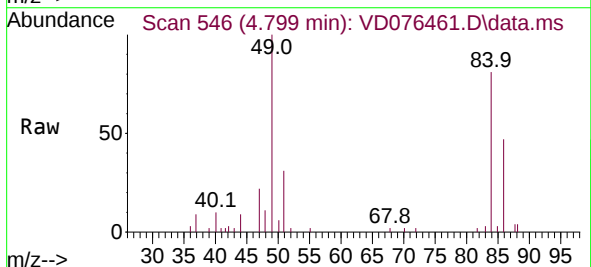
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

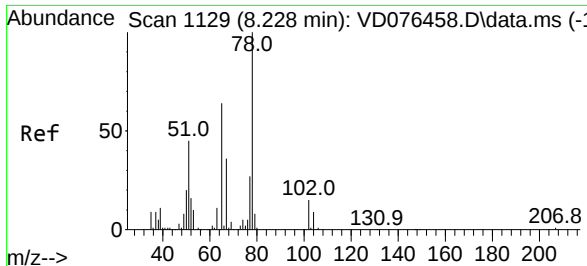
Tgt Ion:168 Resp: 165371
Ion Ratio Lower Upper
168 100
99 55.3 36.7 55.1#



#20
Methylene Chloride
Concen: 3.859 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076461.D
Acq: 16 Jun 2023 18:04

Tgt Ion: 84 Resp: 24370
Ion Ratio Lower Upper
84 100
49 122.9 71.4 107.2#
51 38.5 24.5 36.7#
86 57.9 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 49.424 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076461.D

Acq: 16 Jun 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

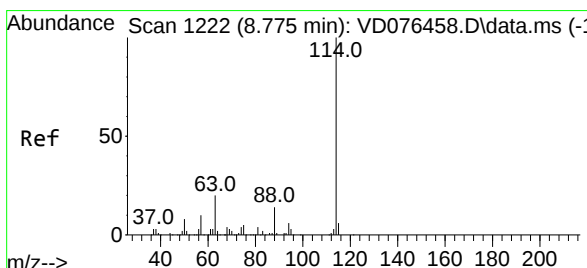
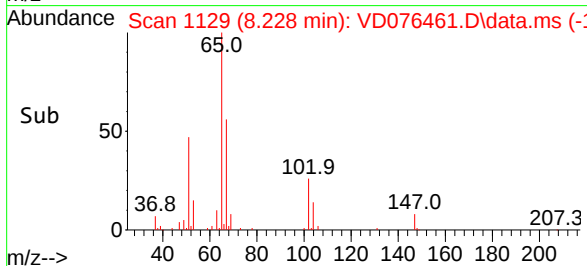
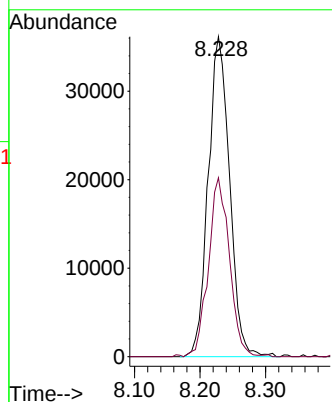
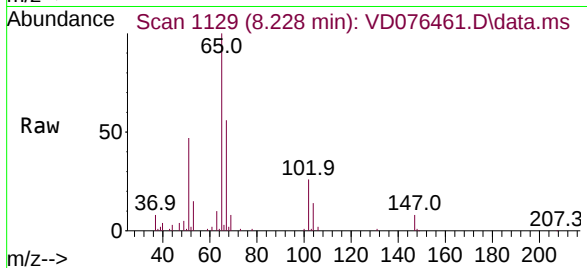
VIBLK

Tgt Ion: 65 Resp: 81889

Ion Ratio Lower Upper

65 100

67 55.3 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: VD076461.D

Acq: 16 Jun 2023 18:04

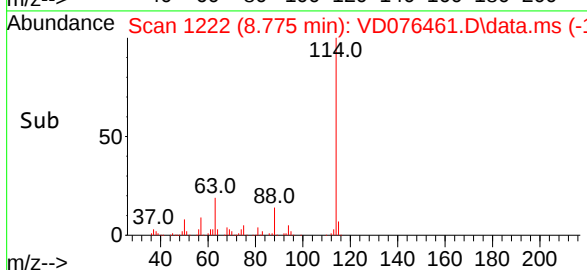
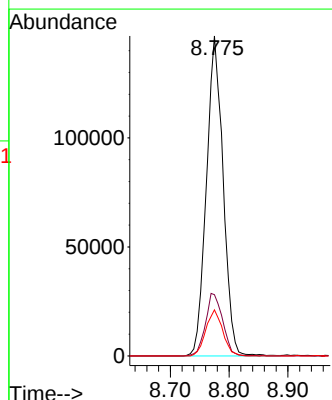
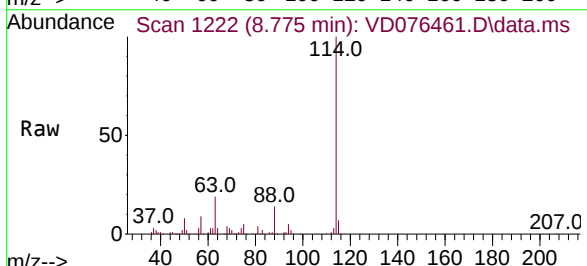
Tgt Ion: 114 Resp: 289281

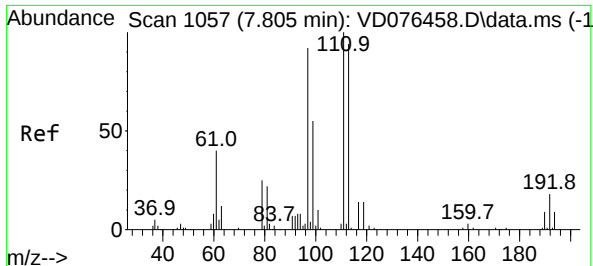
Ion Ratio Lower Upper

114 100

63 19.1 0.0 33.4

88 14.4 0.0 26.2



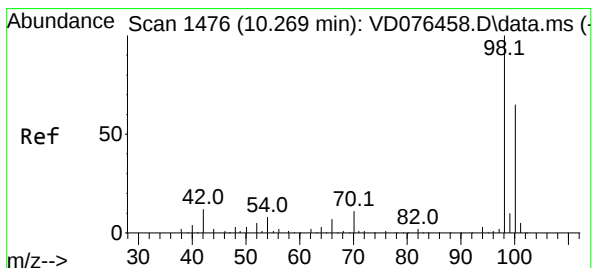
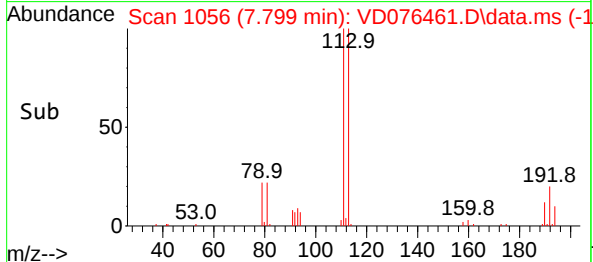
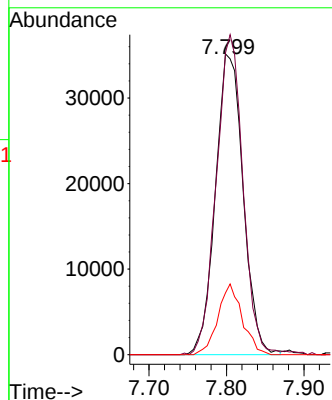
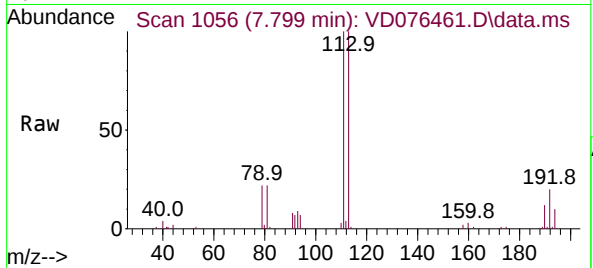


#35
 Dibromofluoromethane
 Concen: 51.015 ug/l
 RT: 7.799 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VD076461.D
 Acq: 16 Jun 2023 18:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Tgt Ion:113 Resp: 87670

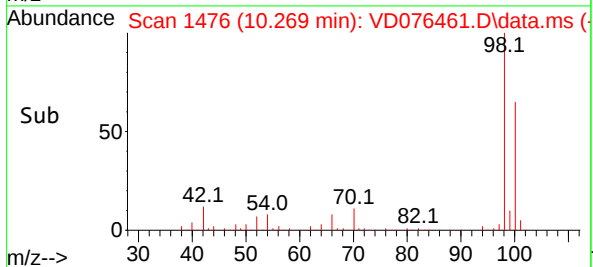
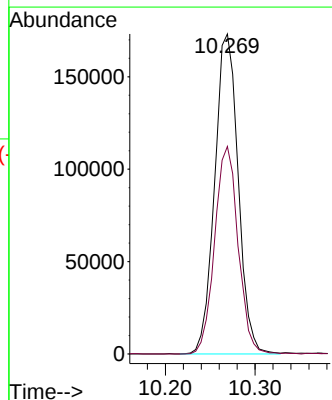
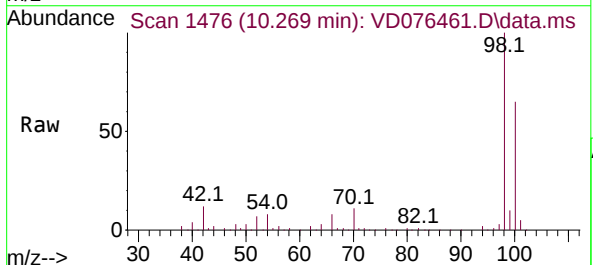
Ion	Ratio	Lower	Upper
113	100		
111	102.5	84.7	127.1
192	20.6	16.8	25.2

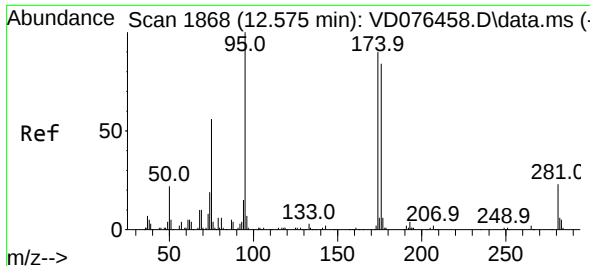


#50
 Toluene-d8
 Concen: 48.290 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. -0.000 min
 Lab File: VD076461.D
 Acq: 16 Jun 2023 18:04

Tgt Ion: 98 Resp: 314725

Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.3	75.5

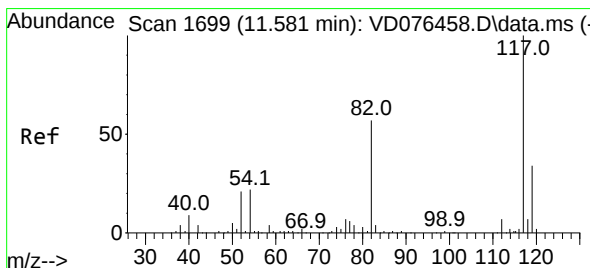
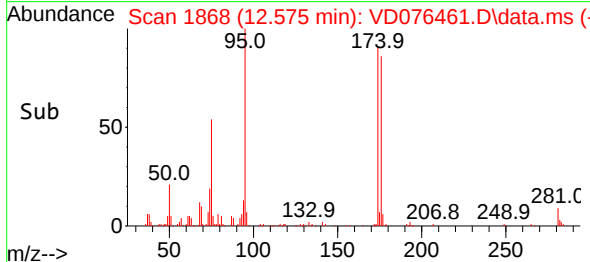
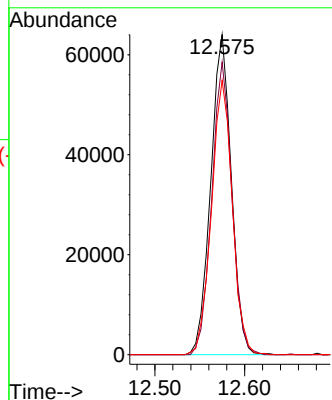
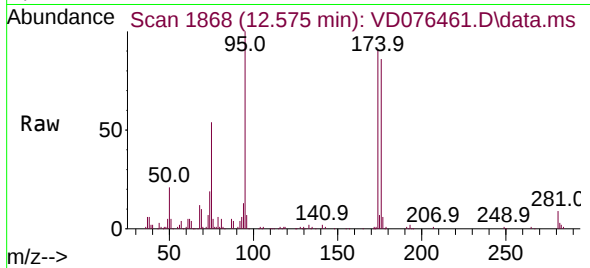




#62
4-Bromofluorobenzene
Concen: 48.176 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076461.D
Acq: 16 Jun 2023 18:04

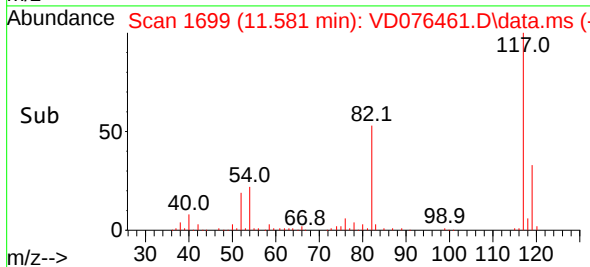
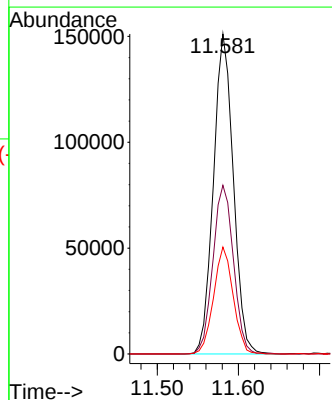
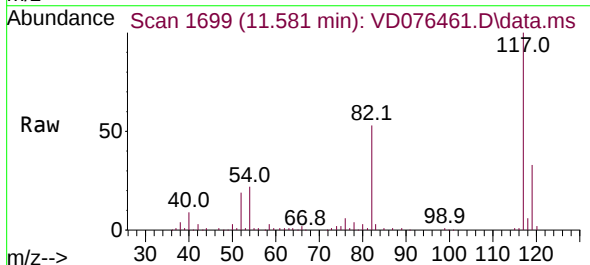
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

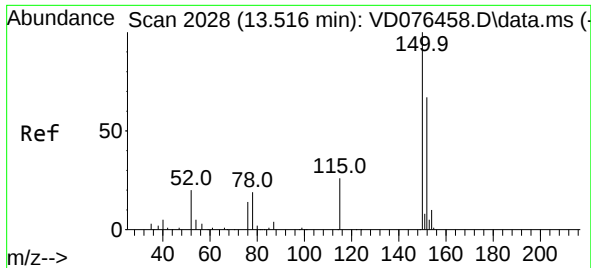
Tgt Ion: 95 Resp: 101902
Ion Ratio Lower Upper
95 100
174 89.6 0.0 201.8
176 86.8 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076461.D
Acq: 16 Jun 2023 18:04

Tgt Ion: 117 Resp: 257635
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 33.4 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: VD076461.D
 Acq: 16 Jun 2023 18:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Tgt Ion:152 Resp: 123280
 Ion Ratio Lower Upper
 152 100
 115 56.2 27.1 81.3
 150 155.9 0.0 353.6

