

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076937.D
 Acq On : 07 Aug 2023 18:01
 Operator : KP/SY
 Sample : 03917-04
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-PP05B

Quant Time: Aug 08 04:41:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

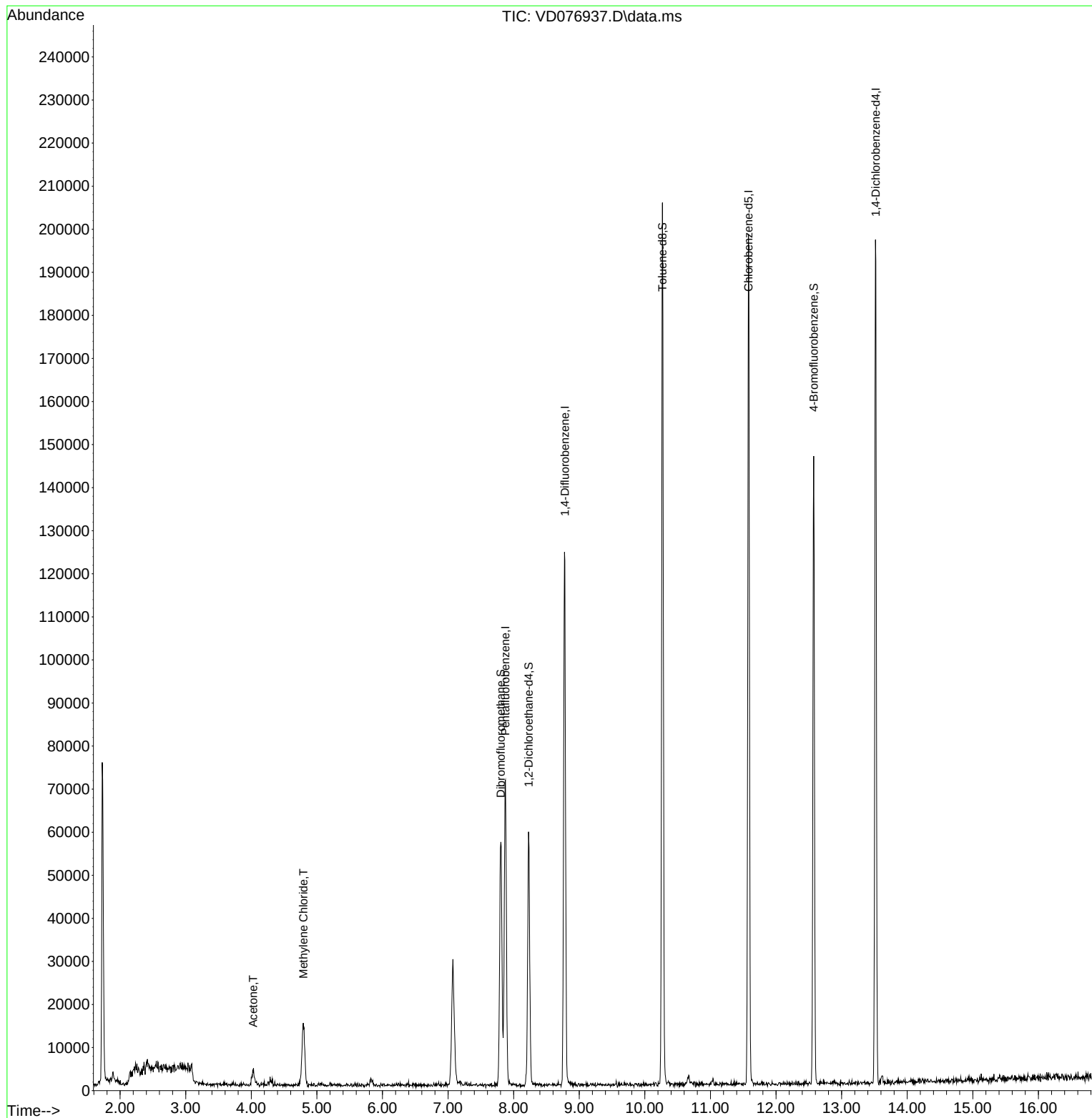
Internal Standards						
1) Pentafluorobenzene	7.875	168	54817	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	113264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	118334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	53754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42855	78.490	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	156.980%	
35) Dibromofluoromethane	7.804	113	43327	60.873	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	121.740%	
50) Toluene-d8	10.269	98	143356	56.301	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	112.600%	
62) 4-Bromofluorobenzene	12.575	95	44790	54.376	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	108.760%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	5699	43.706	ug/l	# 81
20) Methylene Chloride	4.793	84	11704	6.013	ug/l	# 89

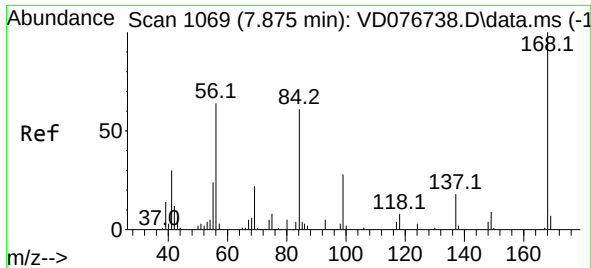
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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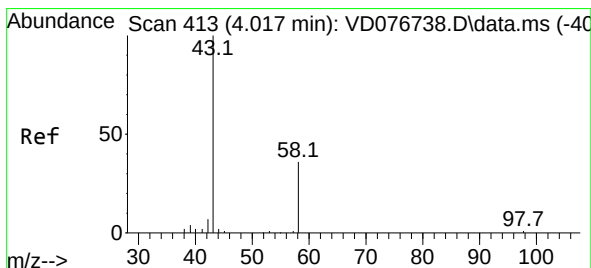
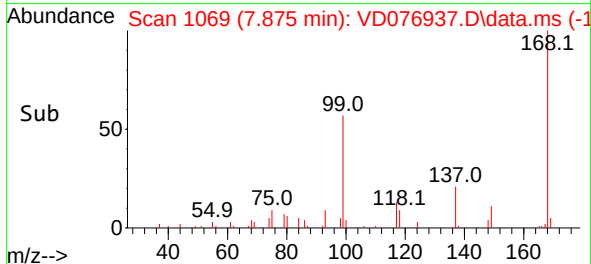
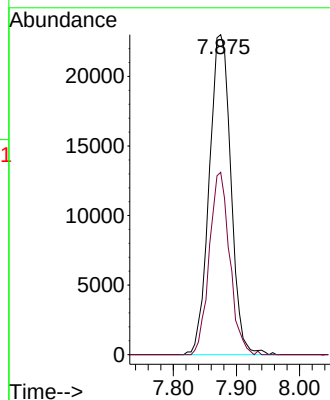
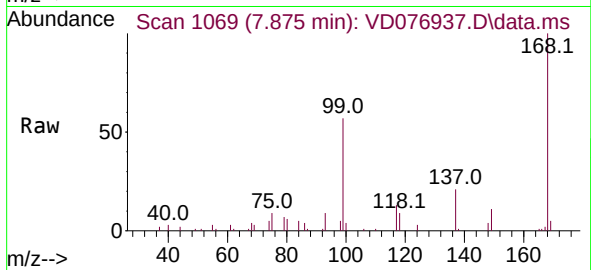




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076937.D
Acq: 07 Aug 2023 18:01

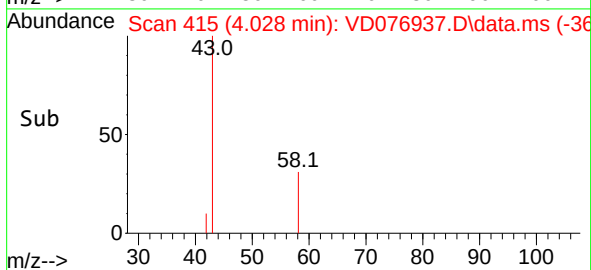
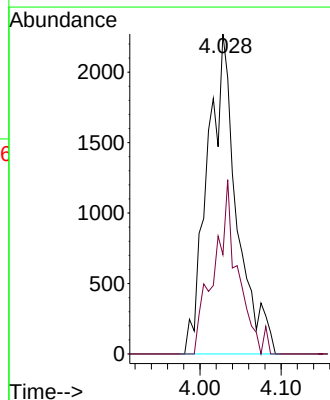
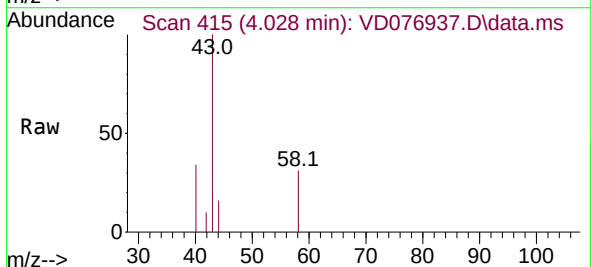
Instrument :
MSVOA_D
ClientSampleId :
B-PP05B

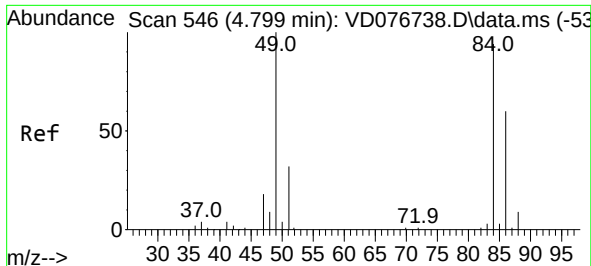
Tgt Ion:168 Resp: 54817
Ion Ratio Lower Upper
168 100
99 57.0 36.7 55.1#



#16
Acetone
Concen: 43.706 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD076937.D
Acq: 07 Aug 2023 18:01

Tgt Ion: 43 Resp: 5699
Ion Ratio Lower Upper
43 100
58 31.0 34.7 52.1#

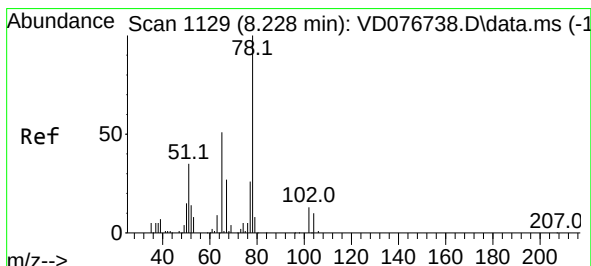
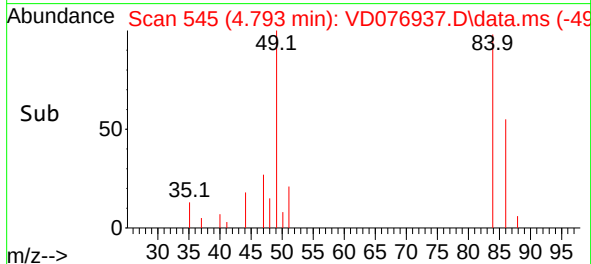
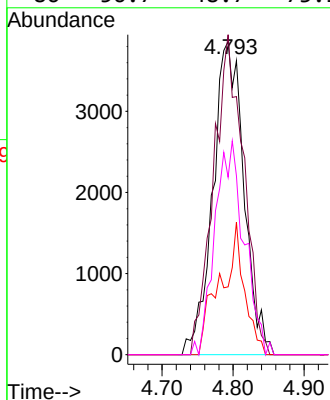
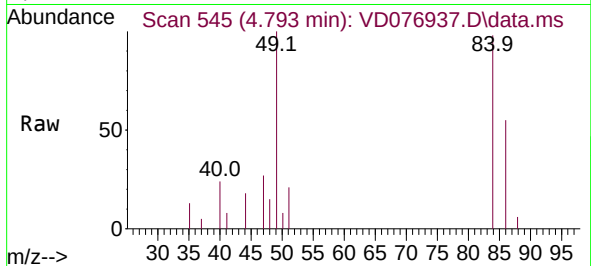




#20
Methylene Chloride
Concen: 6.013 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD076937.D
Acq: 07 Aug 2023 18:01

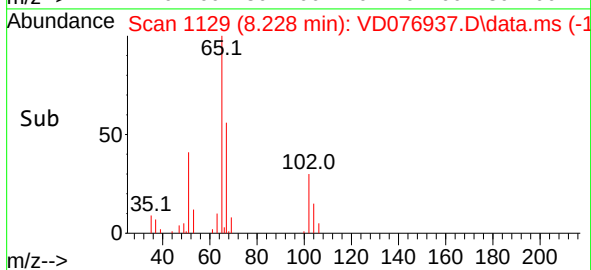
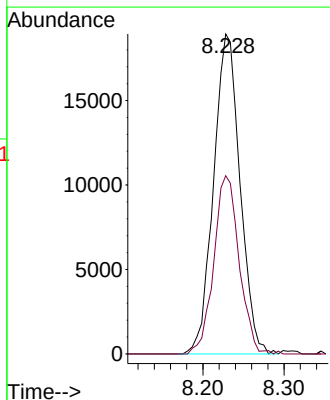
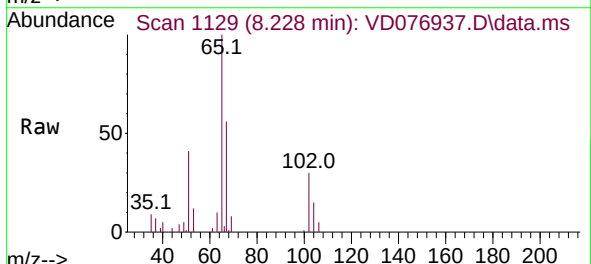
Instrument :
MSVOA_D
ClientSampleId :
B-PP05B

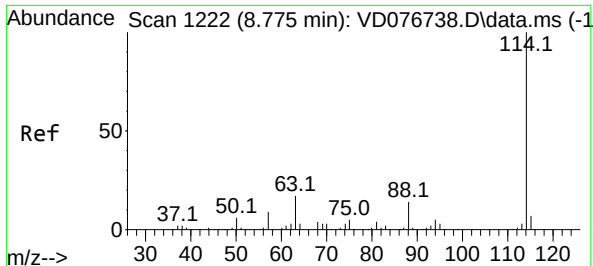
Tgt Ion: 84	Resp: 11704
Ion Ratio	Lower Upper
84 100	
49 102.2	71.4 107.2
51 21.7	24.5 36.7#
86 56.7	48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 78.490 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076937.D
Acq: 07 Aug 2023 18:01

Tgt Ion: 65	Resp: 42855
Ion Ratio	Lower Upper
65 100	
67 53.5	0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076937.D

Acq: 07 Aug 2023 18:01

Instrument :

MSVOA_D

ClientSampleId :

B-PP05B

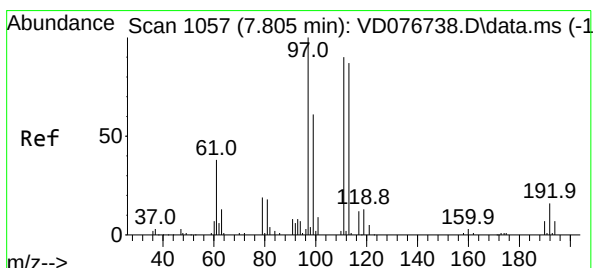
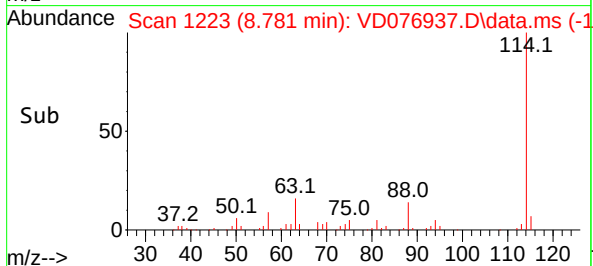
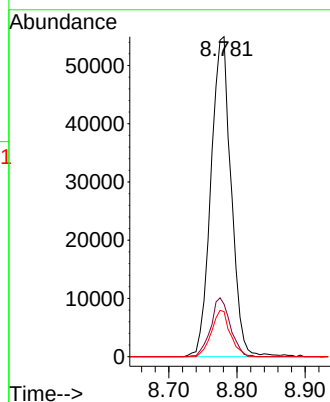
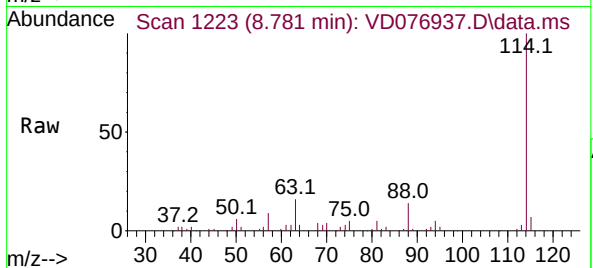
Tgt Ion:114 Resp: 113264

Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.4

88 14.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 60.873 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076937.D

Acq: 07 Aug 2023 18:01

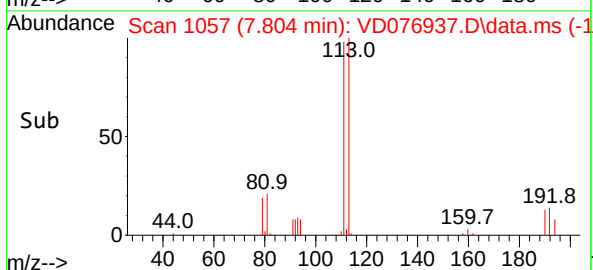
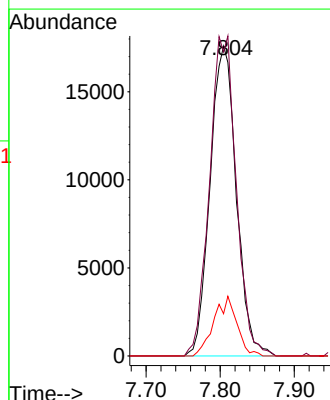
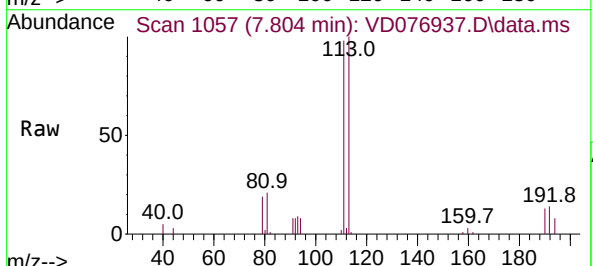
Tgt Ion:113 Resp: 43327

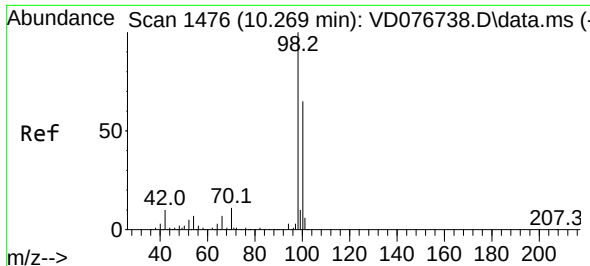
Ion Ratio Lower Upper

113 100

111 105.2 84.7 127.1

192 16.9 16.8 25.2

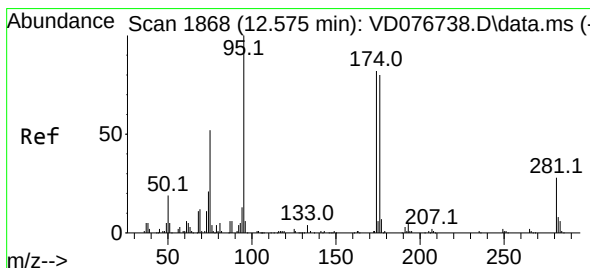
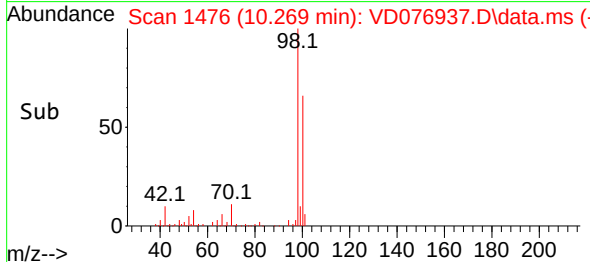
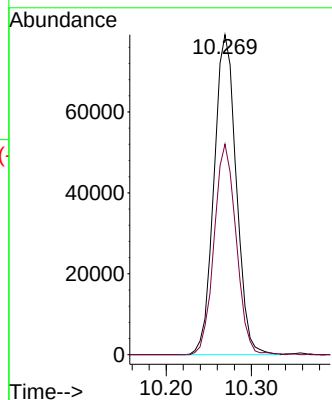
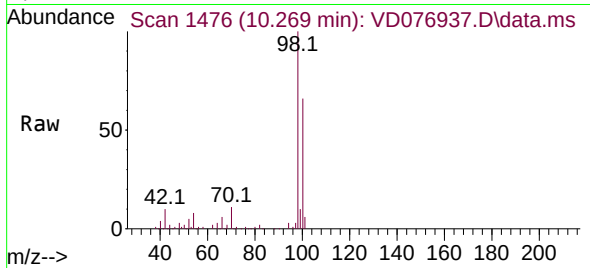




#50
Toluene-d8
Concen: 56.301 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076937.D
Acq: 07 Aug 2023 18:01

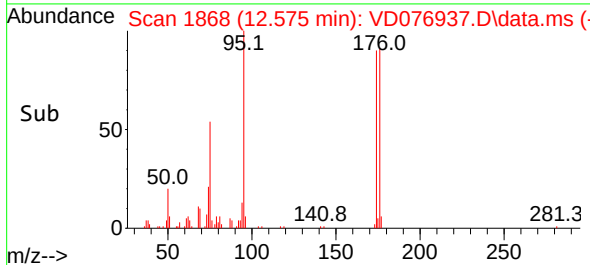
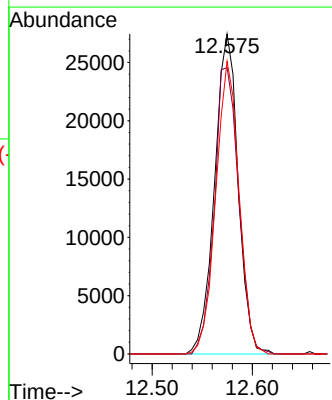
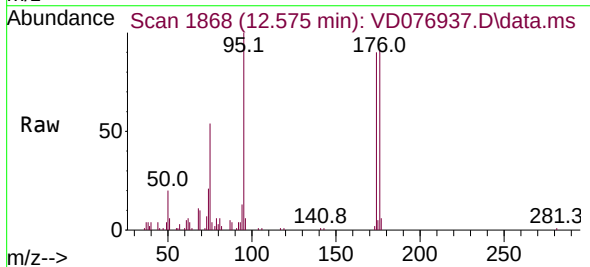
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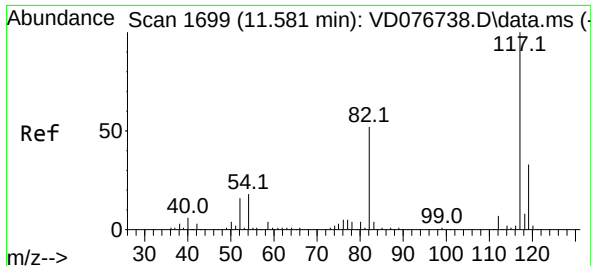
Tgt Ion: 98 Resp: 143356
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 54.376 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076937.D
Acq: 07 Aug 2023 18:01

Tgt Ion: 95 Resp: 44790
Ion Ratio Lower Upper
95 100
174 92.4 0.0 201.8
176 89.9 0.0 191.8

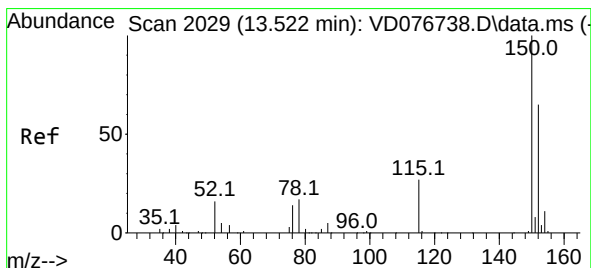
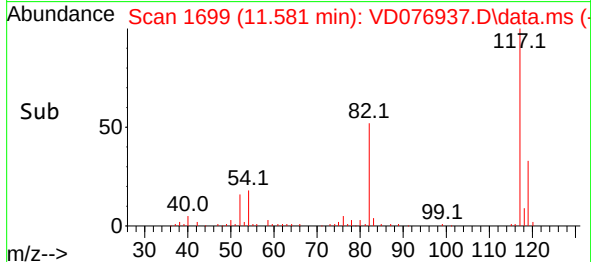
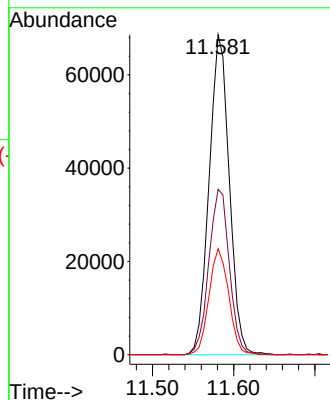
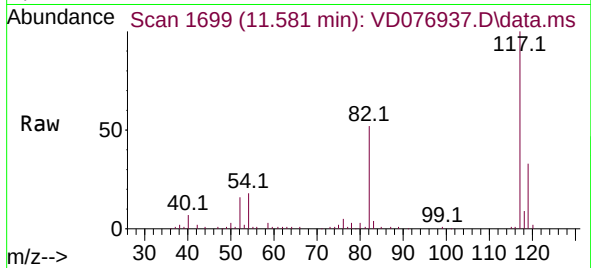




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076937.D
Acq: 07 Aug 2023 18:01

Instrument :
MSVOA_D
ClientSampleId :
B-PP05B

Tgt Ion:117 Resp: 118334
Ion Ratio Lower Upper
117 100
82 51.7 38.3 57.5
119 33.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076937.D
Acq: 07 Aug 2023 18:01

Tgt Ion:152 Resp: 53754
Ion Ratio Lower Upper
152 100
115 58.1 27.1 81.3
150 160.9 0.0 353.6

