

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076523.D
 Acq On : 21 Jun 2023 20:22
 Operator : KP/SY
 Sample : 03355-09
 Misc : 5.07G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-6.5-7.0

Quant Time: Jun 22 02:03:29 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)

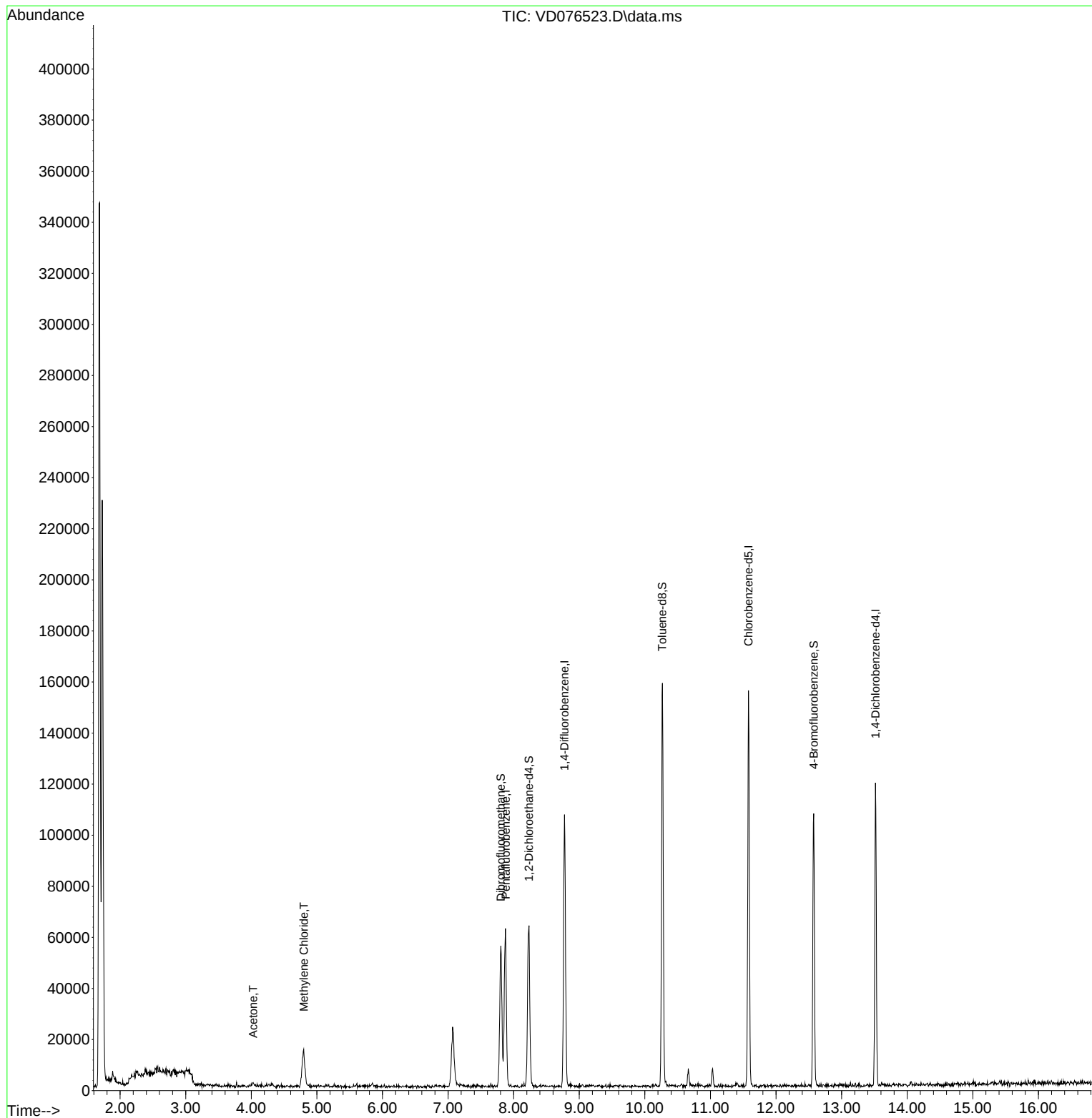
Internal Standards						
1) Pentafluorobenzene	7.881	168	48524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	91186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	82805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	30913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	48958	100.702	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 201.400%#		
35) Dibromofluoromethane	7.804	113	38920	71.847	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 143.700%		
50) Toluene-d8	10.263	98	109024	53.068	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 106.140%		
62) 4-Bromofluorobenzene	12.575	95	33024	49.530	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 99.060%		
Target Compounds						
						Qvalue
16) Acetone	4.028	43	2438	21.074	ug/l #	73
20) Methylene Chloride	4.805	84	10444	9.872	ug/l #	85

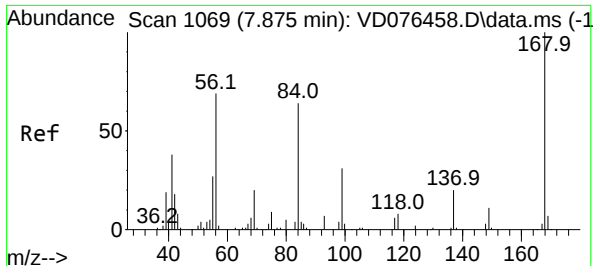
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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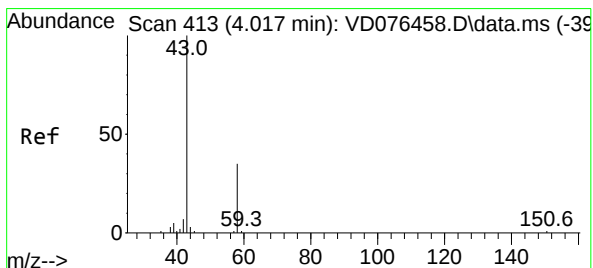
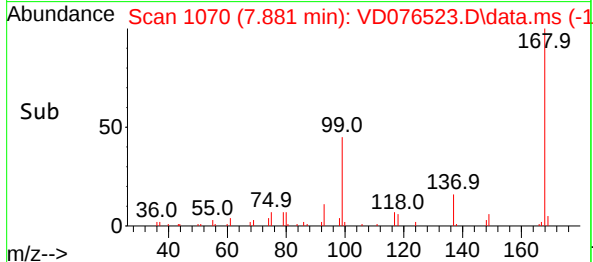
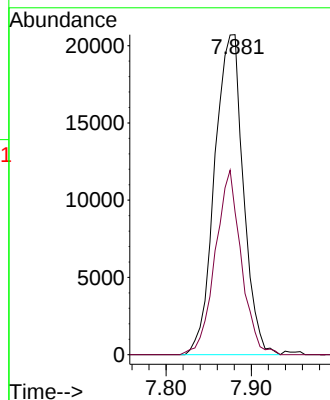
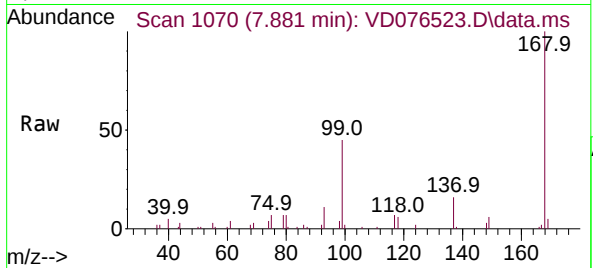




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD076523.D
Acq: 21 Jun 2023 20:22

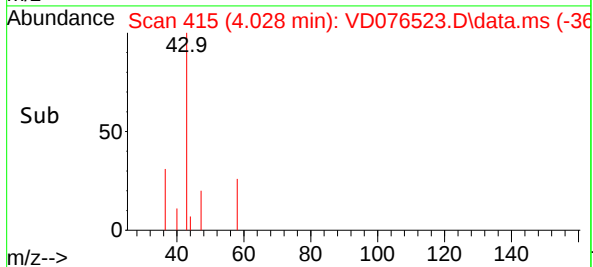
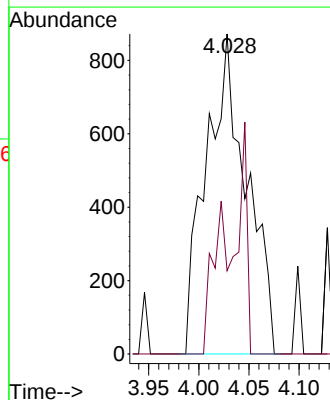
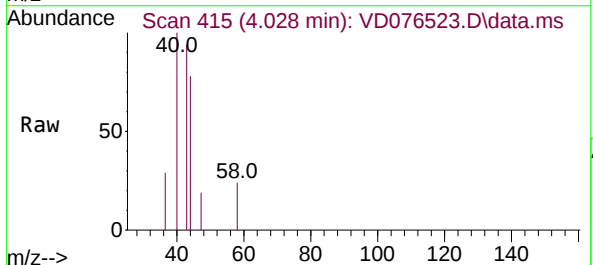
Instrument :
MSVOA_D
ClientSampleId :
SB-05-6.5-7.0

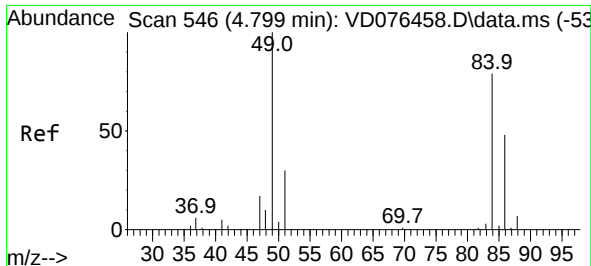
Tgt Ion:168 Resp: 48524
Ion Ratio Lower Upper
168 100
99 44.6 36.7 55.1



#16
Acetone
Concen: 21.074 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD076523.D
Acq: 21 Jun 2023 20:22

Tgt Ion: 43 Resp: 2438
Ion Ratio Lower Upper
43 100
58 26.0 34.7 52.1#

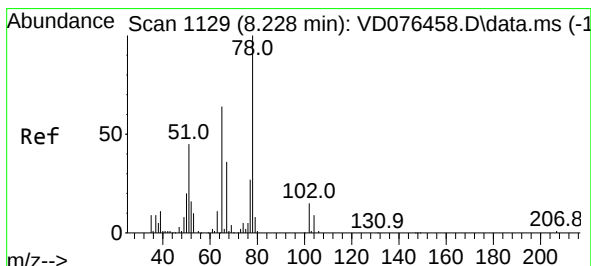
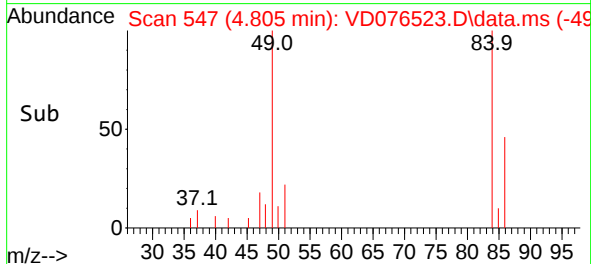
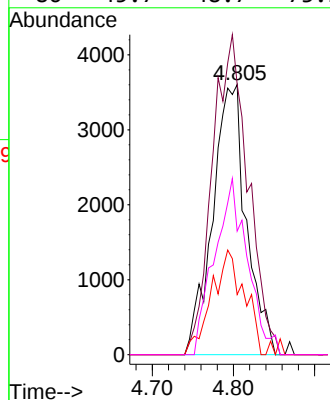
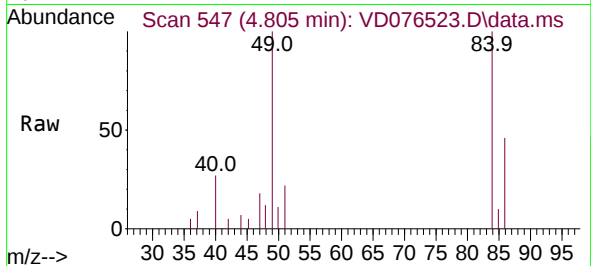




#20
Methylene Chloride
Concen: 9.872 ug/l
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD076523.D
Acq: 21 Jun 2023 20:22

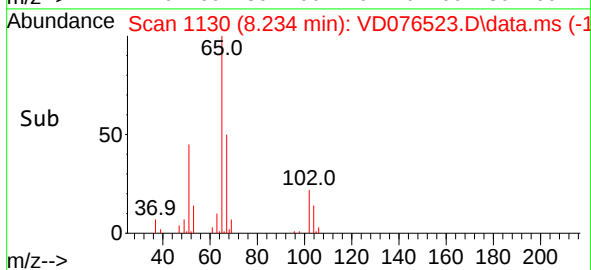
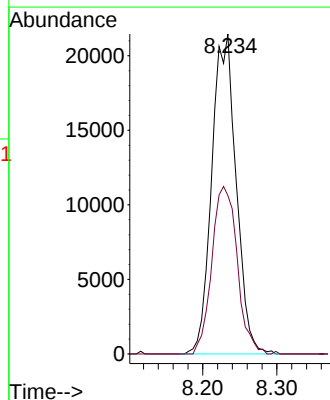
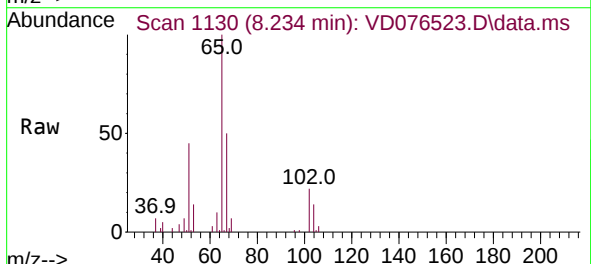
Instrument :
MSVOA_D
ClientSampleId :
SB-05-6.5-7.0

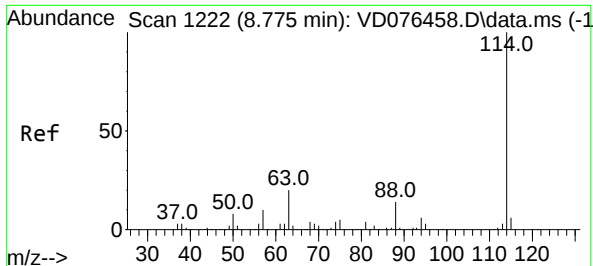
Tgt Ion: 84	Resp: 10444
Ion Ratio	Lower Upper
84 100	
49 100.1	71.4 107.2
51 22.3	24.5 36.7#
86 45.7	48.7 73.1#



#33
1,2-Dichloroethane-d4
Concen: 100.702 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076523.D
Acq: 21 Jun 2023 20:22

Tgt Ion: 65	Resp: 48958
Ion Ratio	Lower Upper
65 100	
67 54.5	0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076523.D

Acq: 21 Jun 2023 20:22

Instrument :

MSVOA_D

ClientSampleId :

SB-05-6.5-7.0

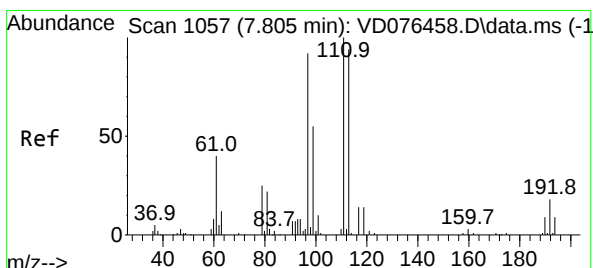
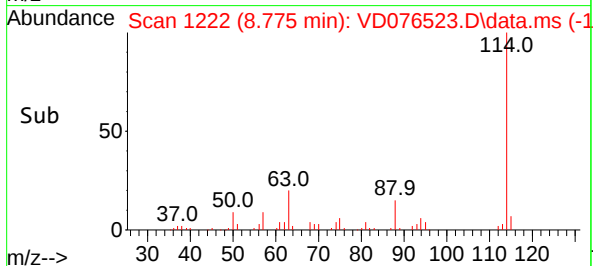
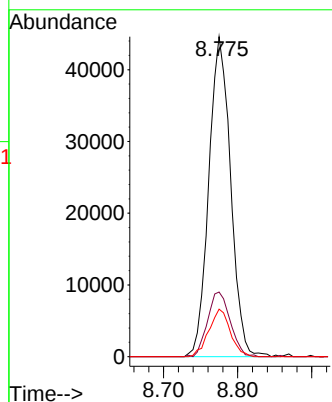
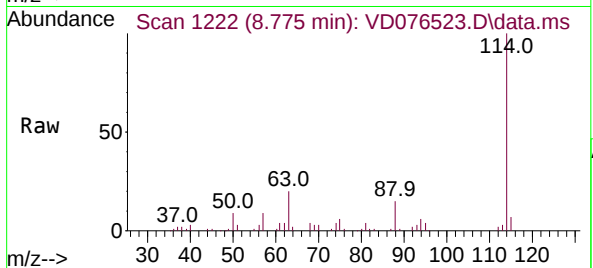
Tgt Ion:114 Resp: 91186

Ion Ratio Lower Upper

114 100

63 20.2 0.0 33.4

88 14.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 71.847 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076523.D

Acq: 21 Jun 2023 20:22

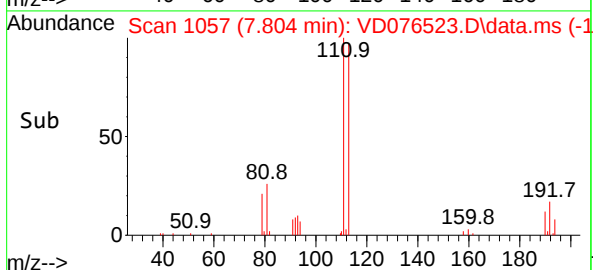
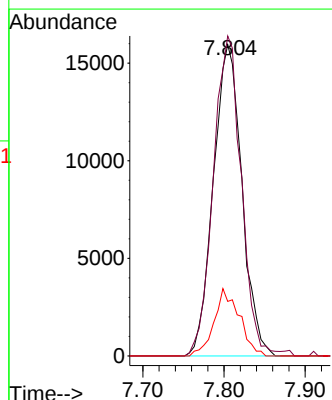
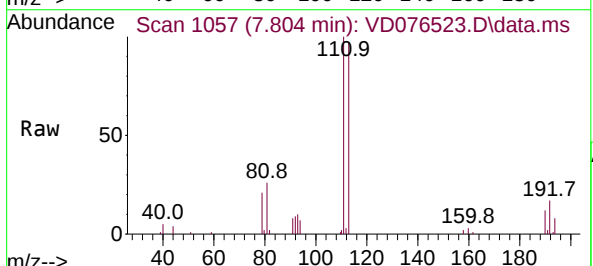
Tgt Ion:113 Resp: 38920

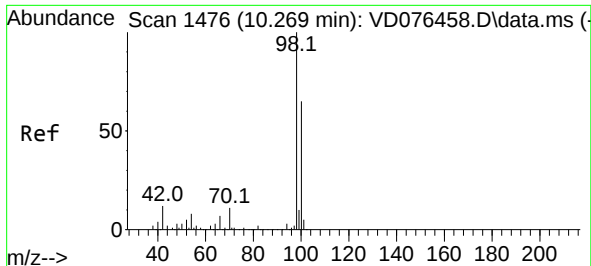
Ion Ratio Lower Upper

113 100

111 101.2 84.7 127.1

192 19.2 16.8 25.2

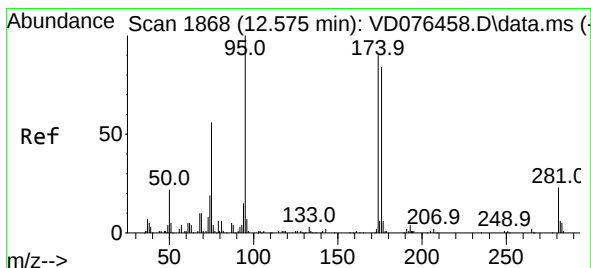
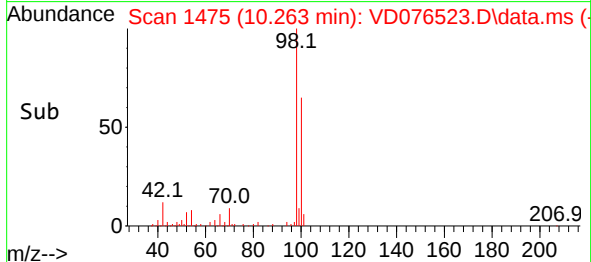
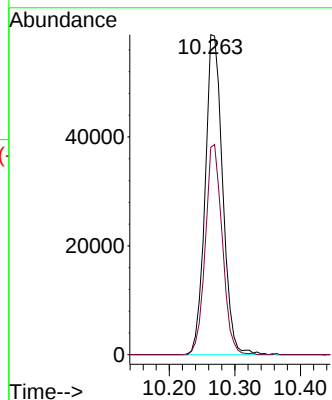
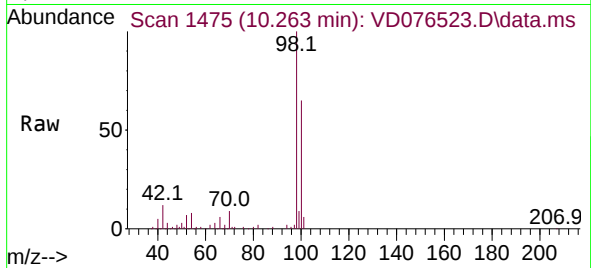




#50
Toluene-d8
Concen: 53.068 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD076523.D
Acq: 21 Jun 2023 20:22

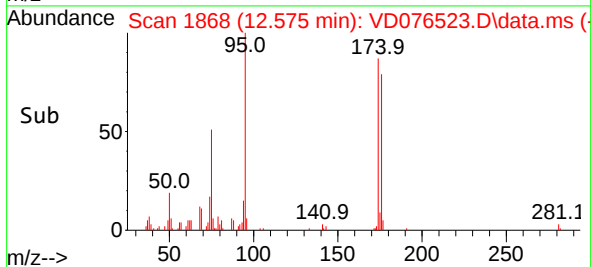
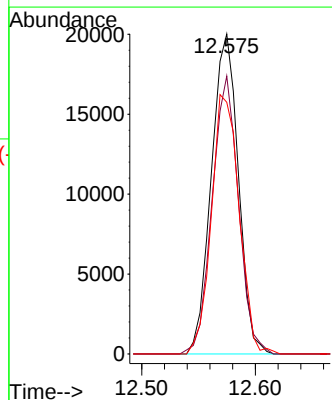
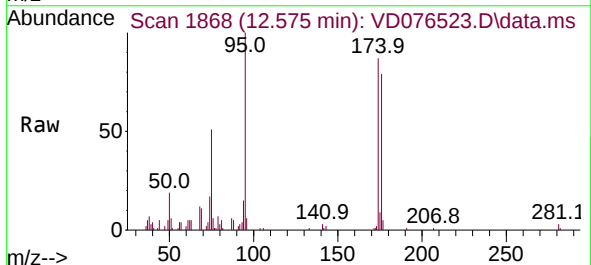
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SB-05-6.5-7.0

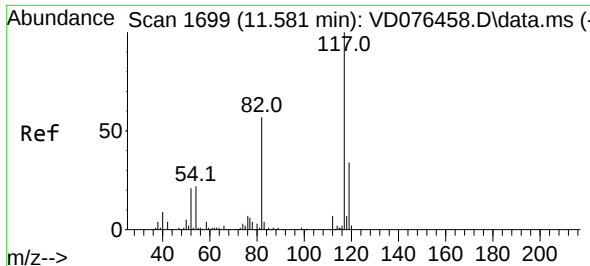
Tgt Ion: 98 Resp: 109024
Ion Ratio Lower Upper
98 100
100 63.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 49.530 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076523.D
Acq: 21 Jun 2023 20:22

Tgt Ion: 95 Resp: 33024
Ion Ratio Lower Upper
95 100
174 84.6 0.0 201.8
176 83.4 0.0 191.8

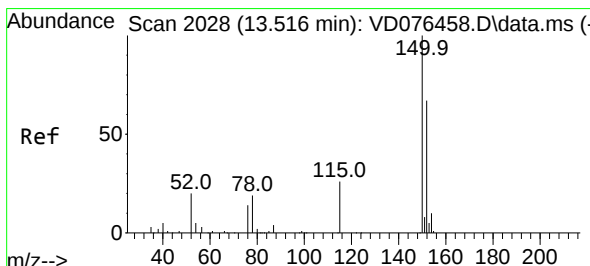
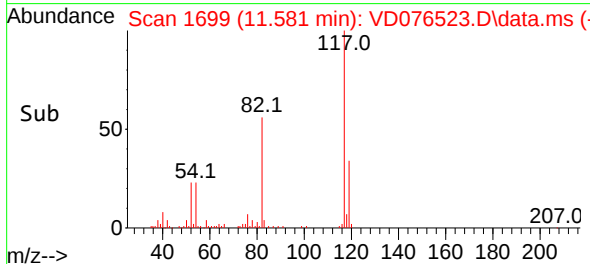
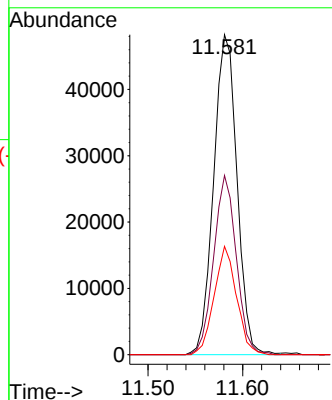
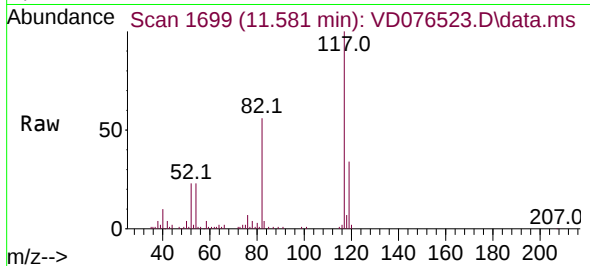




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076523.D
Acq: 21 Jun 2023 20:22

Instrument :
MSVOA_D
ClientSampleId :
SB-05-6.5-7.0

Tgt Ion:117 Resp: 82805
Ion Ratio Lower Upper
117 100
82 56.0 38.3 57.5
119 33.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076523.D
Acq: 21 Jun 2023 20:22

Tgt Ion:152 Resp: 30913
Ion Ratio Lower Upper
152 100
115 55.9 27.1 81.3
150 154.0 0.0 353.6

