

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076536.D
 Acq On : 22 Jun 2023 13:45
 Operator : KP/SY
 Sample : 03355-09RE
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jun 23 06:35:56 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)

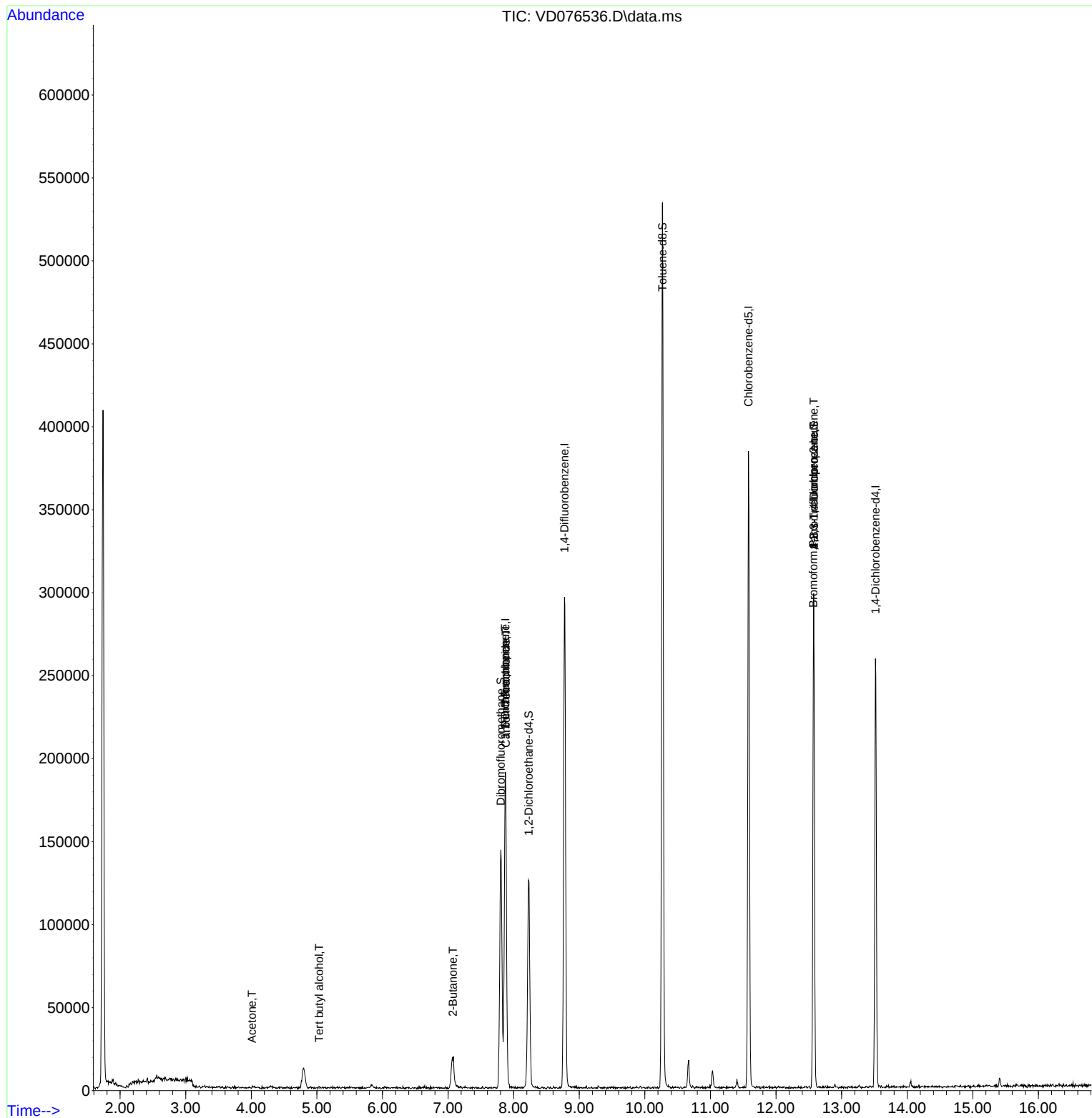
Internal Standards						
1) Pentafluorobenzene	7.875	168	149782	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	272624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	68062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97708	65.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.220%	
35) Dibromofluoromethane	7.804	113	102244	63.130	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.260%	
50) Toluene-d8	10.269	98	359170	58.476	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.960%	
62) 4-Bromofluorobenzene	12.575	95	87168	43.728	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.034	59	170	1.312	ug/l	# 73
16) Acetone	4.010	43	888	2.487	ug/l	# 32
20) Methylene Chloride	4.793	84	8772	Below Cal		89
25) 2-Butanone	7.075	43	1361	2.464	ug/l	# 37
28) Bromochloromethane	7.204	49	79	Below Cal		# 1
36) 1,1-Dichloropropene	7.869	75	11341	5.000	ug/l	# 49
38) Carbon Tetrachloride	7.881	117	14908	7.354	ug/l	# 14
71) Bromoform	12.569	173	1024	1.184	ug/l	# 28
76) 1,2,3-Trichloropropane	12.575	75	46713	69.153	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	46713	151.531	ug/l	# 17

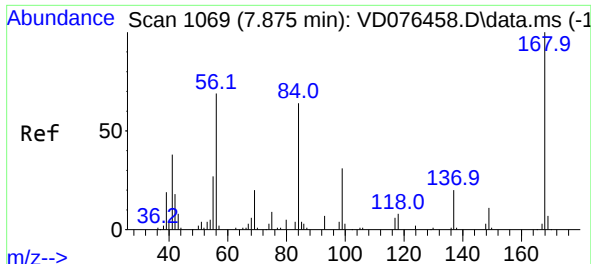
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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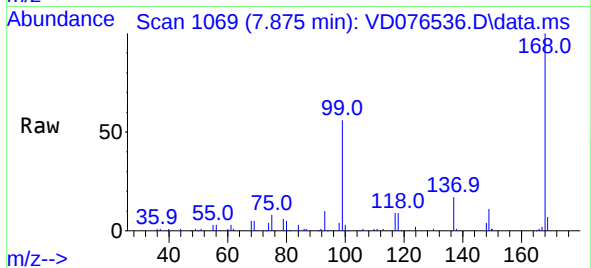
Quant Time: Jun 23 06:35:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
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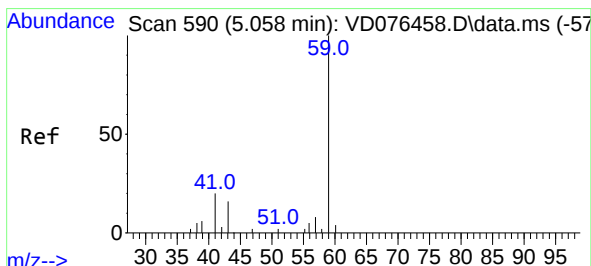
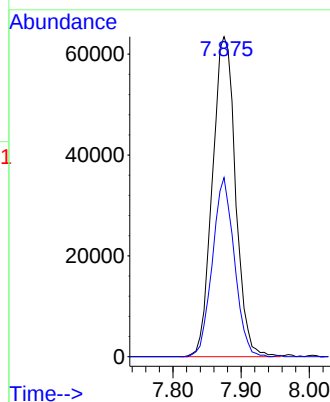
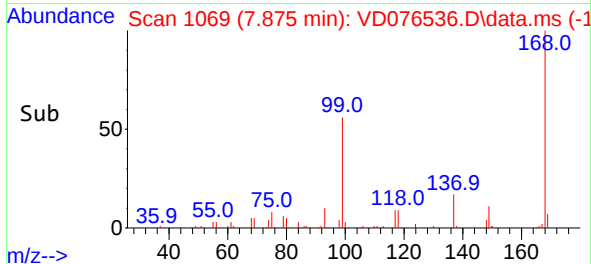


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076536.D
Acq: 22 Jun 2023 13:45

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

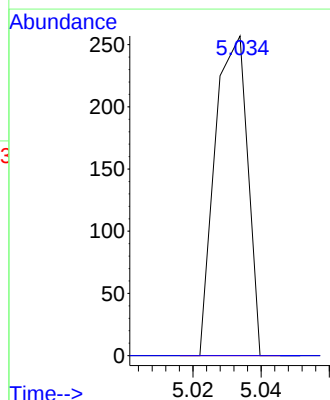
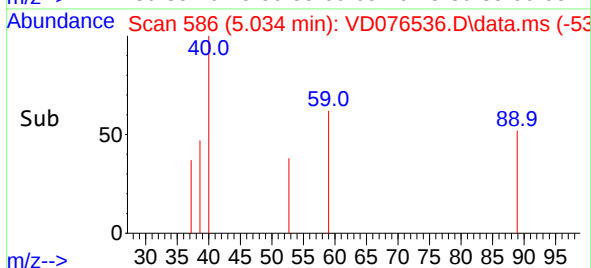
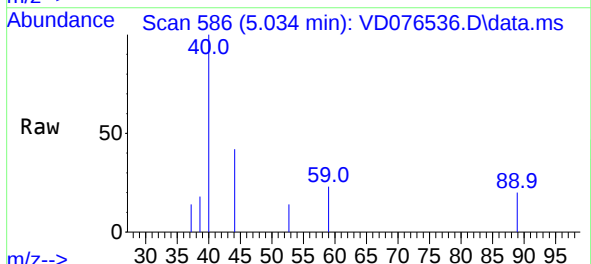


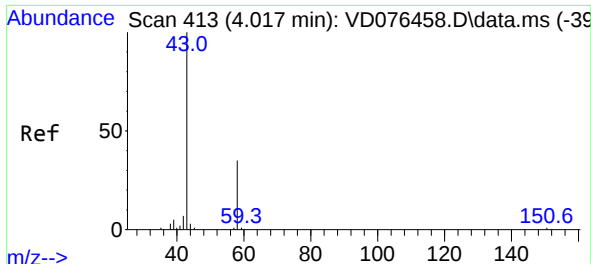
Tgt Ion:168 Resp: 149782
Ion Ratio Lower Upper
168 100
99 55.9 36.7 55.1#



#11
Tert butyl alcohol
Concen: 1.312 ug/l
RT: 5.034 min Scan# 586
Delta R.T. -0.024 min
Lab File: VD076536.D
Acq: 22 Jun 2023 13:45

Tgt Ion: 59 Resp: 170
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

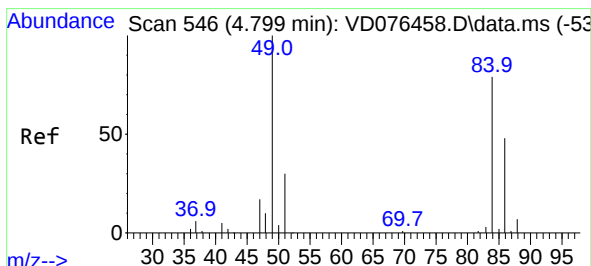
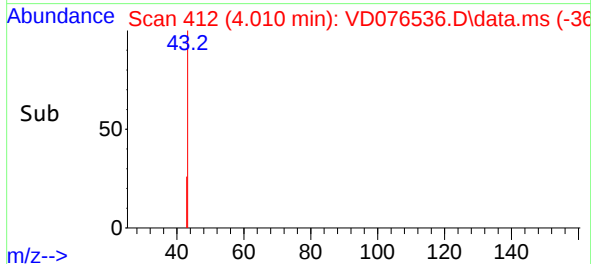
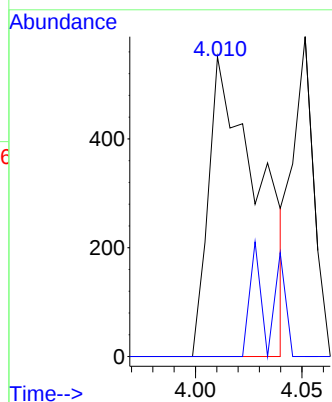
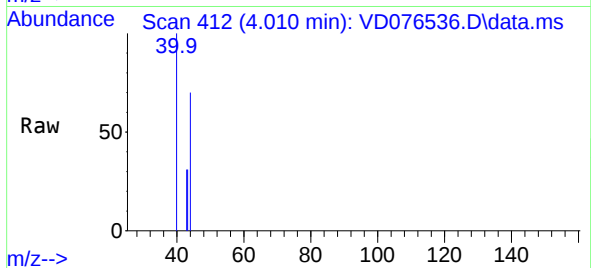




#16
Acetone
Concen: 2.487 ug/l
RT: 4.010 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076536.D
Acq: 22 Jun 2023 13:45

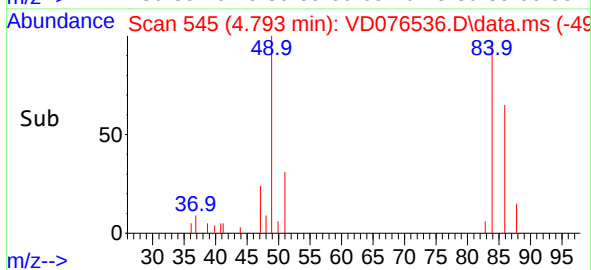
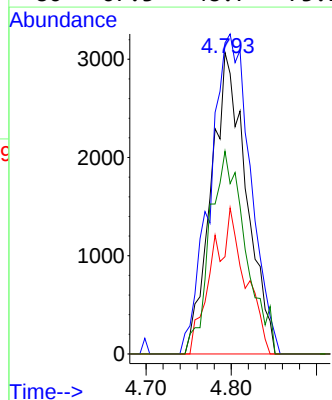
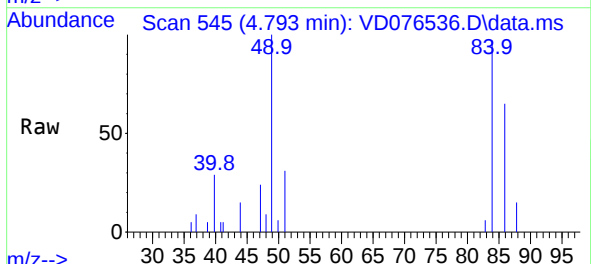
Instrument :
MSVOA_D
ClientSampleId :
SB-05-6.5-7.0

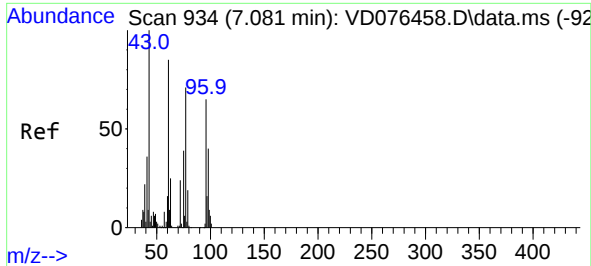
Tgt Ion: 43 Resp: 888
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076536.D
Acq: 22 Jun 2023 13:45

Tgt Ion: 84 Resp: 8772
Ion Ratio Lower Upper
84 100
49 103.2 71.4 107.2
51 32.3 24.5 36.7
86 67.3 48.7 73.1

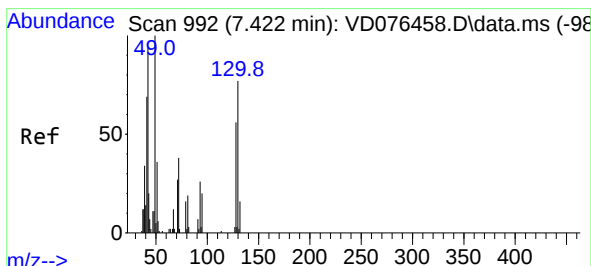
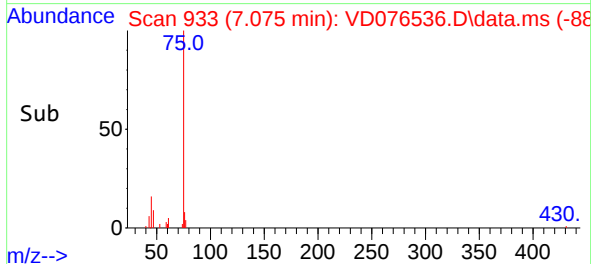
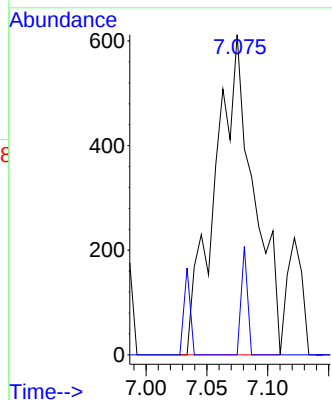
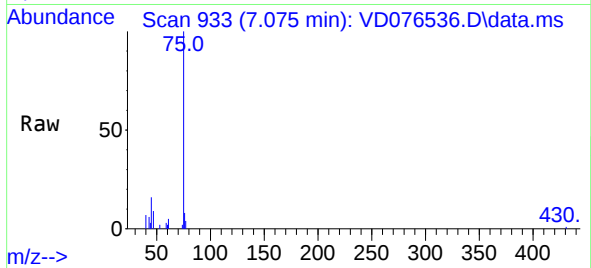




#25
2-Butanone
Concen: 2.464 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076536.D
Acq: 22 Jun 2023 13:45

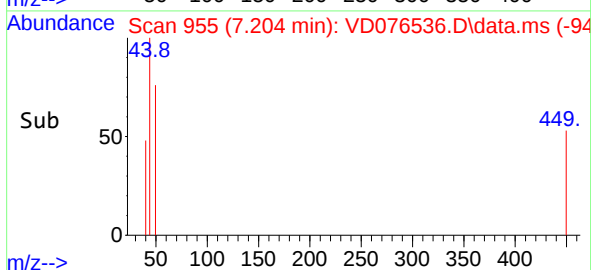
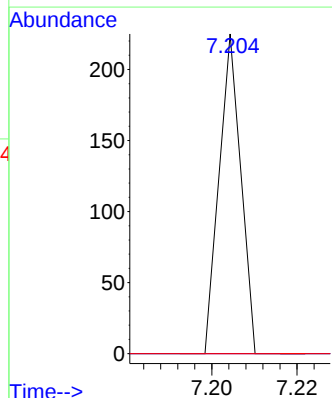
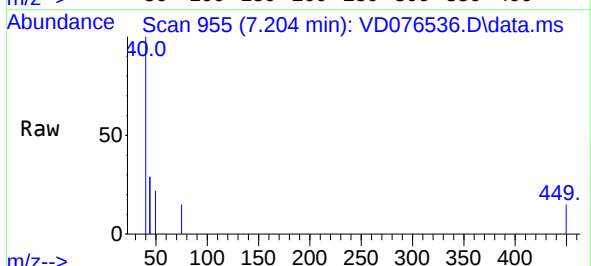
Instrument :
MSVOA_D
ClientSampleId :
SB-05-6.5-7.0

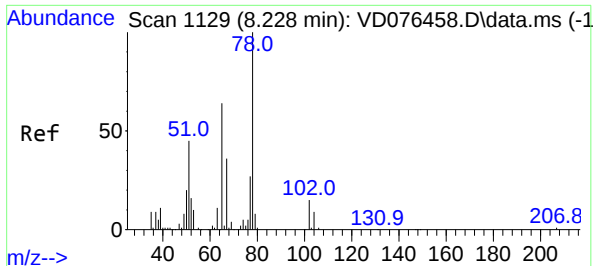
Tgt Ion: 43 Resp: 1361
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#28
Bromochloromethane
Concen: Below Cal
RT: 7.204 min Scan# 955
Delta R.T. -0.218 min
Lab File: VD076536.D
Acq: 22 Jun 2023 13:45

Tgt Ion: 49 Resp: 79
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#





#33

1,2-Dichloroethane-d4

Concen: 65.109 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076536.D

Acq: 22 Jun 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

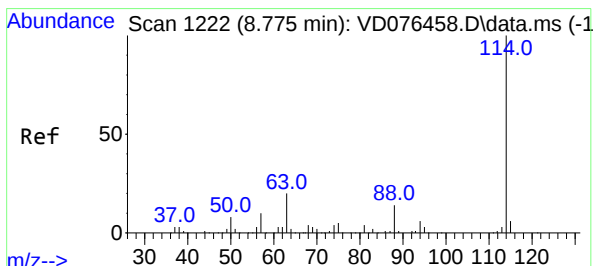
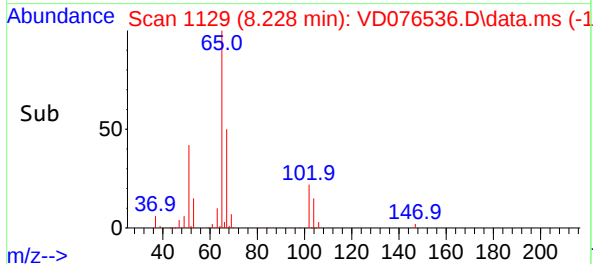
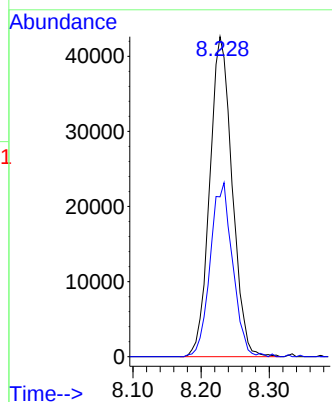
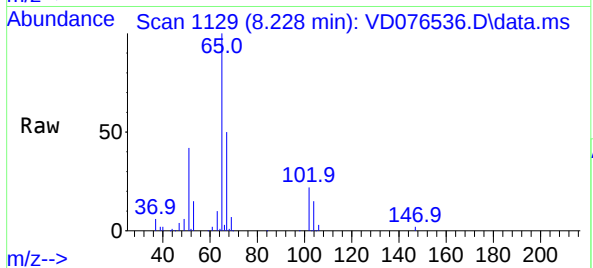
SB-05-6.5-7.0

Tgt Ion: 65 Resp: 97708

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: VD076536.D

Acq: 22 Jun 2023 13:45

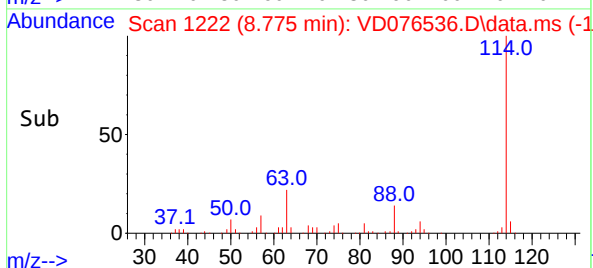
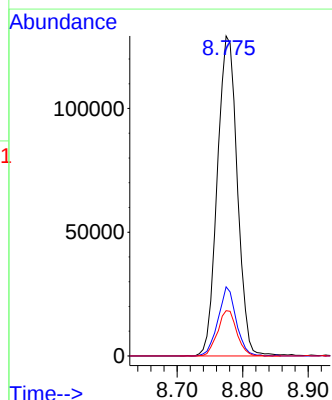
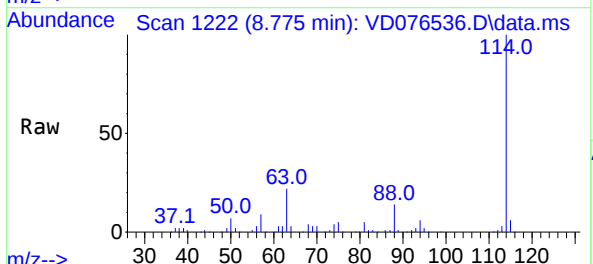
Tgt Ion: 114 Resp: 272624

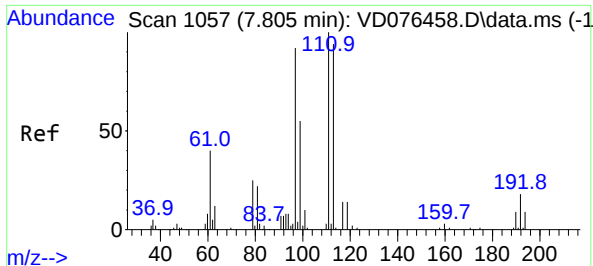
Ion Ratio Lower Upper

114 100

63 21.6 0.0 33.4

88 14.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 63.130 ug/l

RT: 7.804 min Scan# 1067

Delta R.T. -0.000 min

Lab File: VD076536.D

Acq: 22 Jun 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

SB-05-6.5-7.0

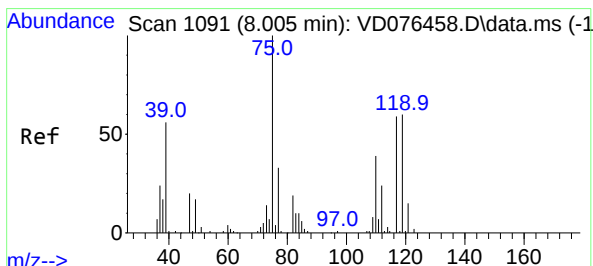
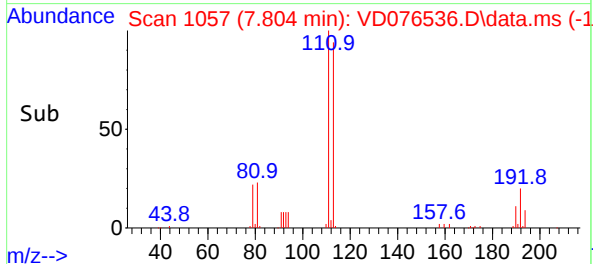
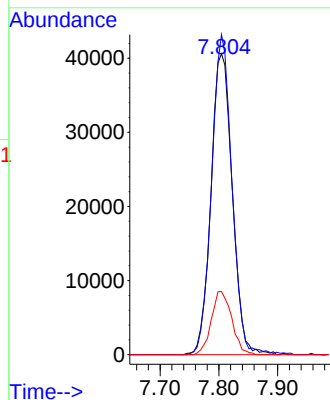
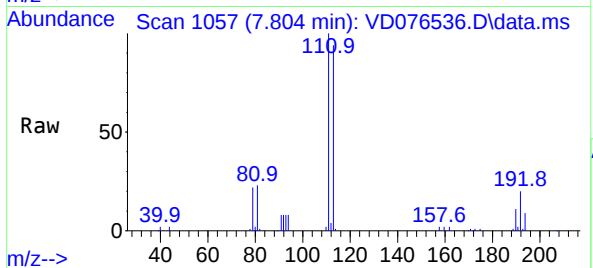
Tgt Ion:113 Resp: 102244

Ion Ratio Lower Upper

113 100

111 101.5 84.7 127.1

192 20.2 16.8 25.2



#36

1,1-Dichloropropene

Concen: 5.000 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VD076536.D

Acq: 22 Jun 2023 13:45

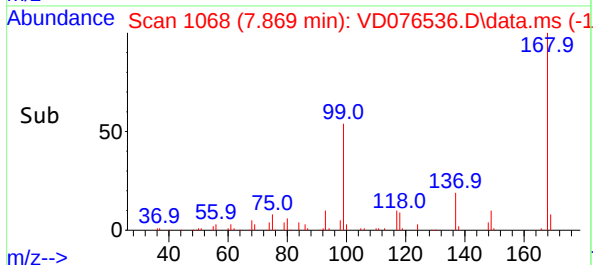
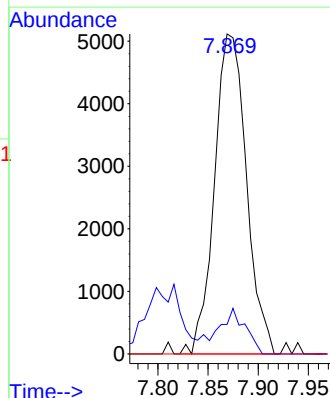
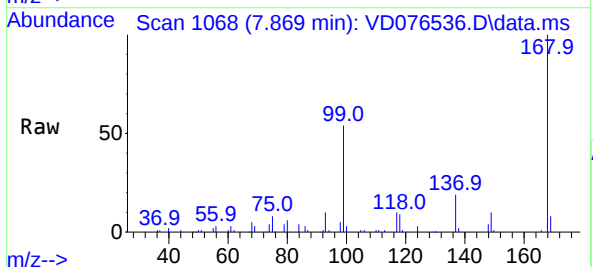
Tgt Ion: 75 Resp: 11341

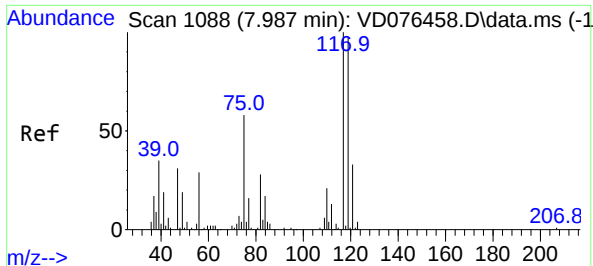
Ion Ratio Lower Upper

75 100

110 10.8 19.9 59.6#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 7.354 ug/l

RT: 7.881 min Scan# 1

Delta R.T. -0.106 min

Lab File: VD076536.D

Acq: 22 Jun 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

SB-05-6.5-7.0

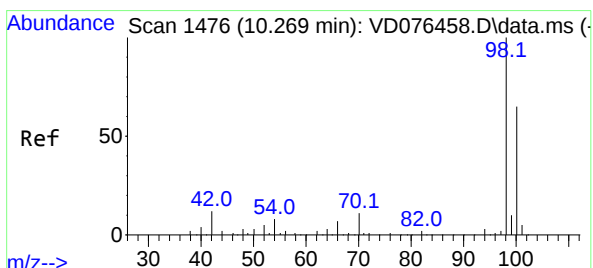
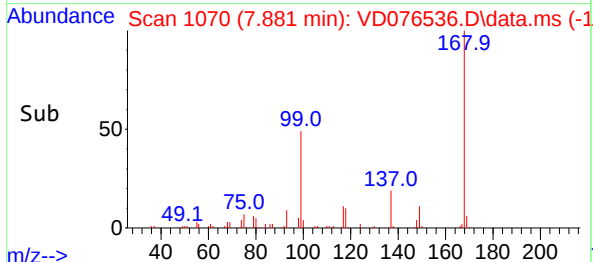
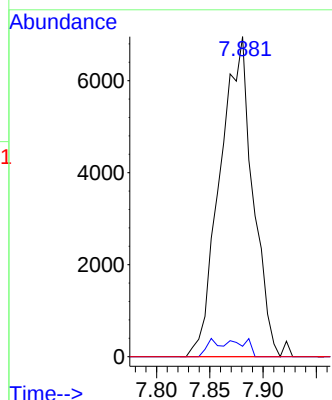
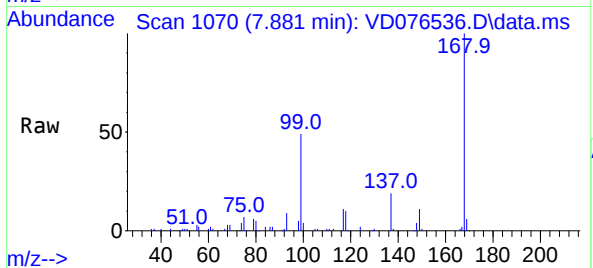
Tgt Ion:117 Resp: 14908

Ion Ratio Lower Upper

117 100

119 3.3 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 58.476 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076536.D

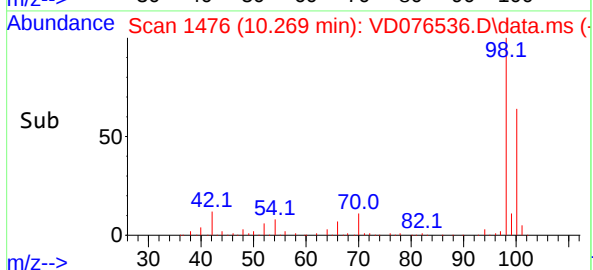
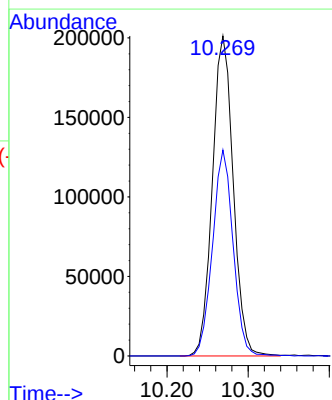
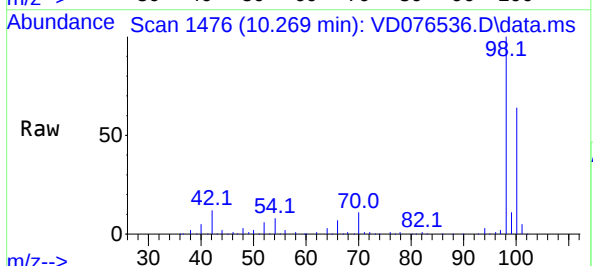
Acq: 22 Jun 2023 13:45

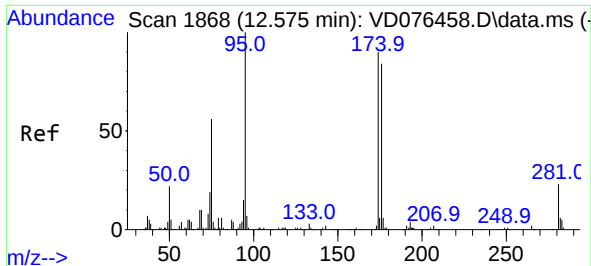
Tgt Ion: 98 Resp: 359170

Ion Ratio Lower Upper

98 100

100 63.5 50.3 75.5

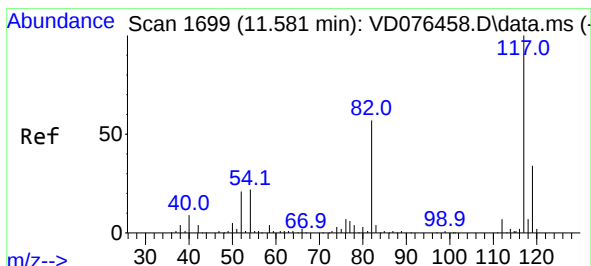
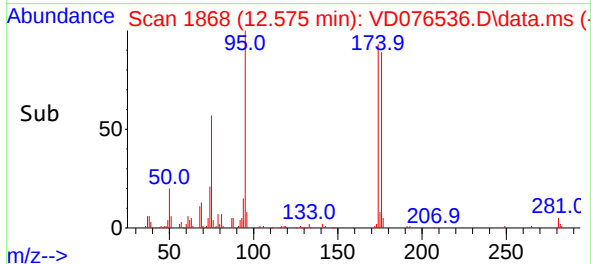
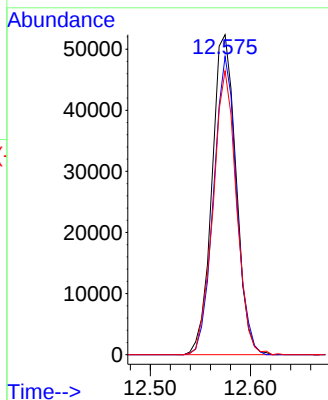
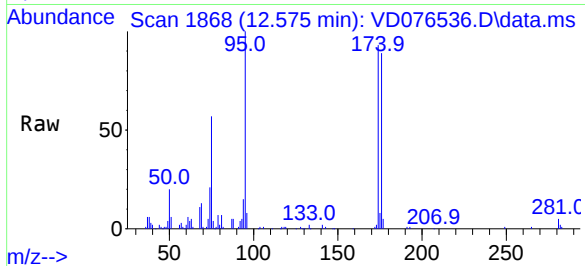




#62
4-Bromofluorobenzene
Concen: 43.728 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076536.D
Acq: 22 Jun 2023 13:45

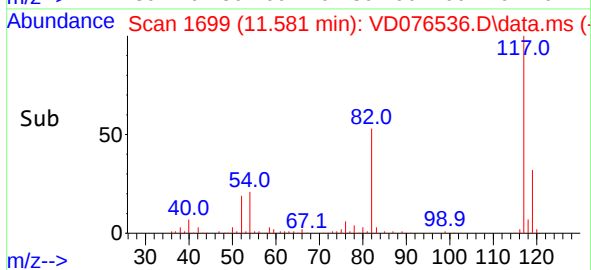
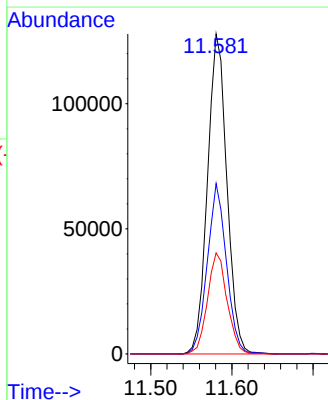
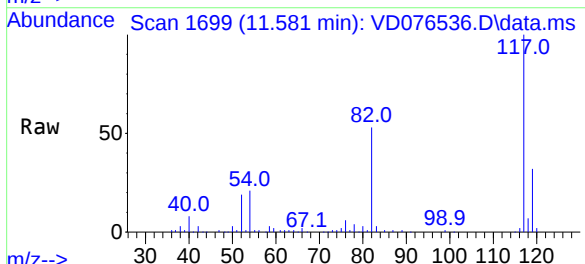
Instrument :
MSVOA_D
ClientSampleId :
SB-05-6.5-7.0

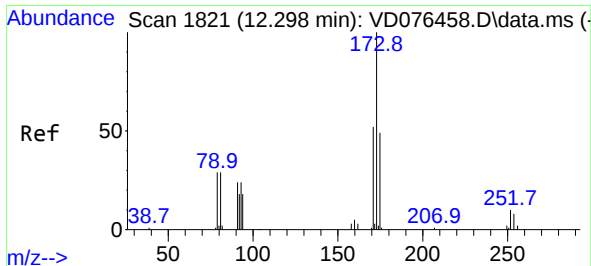
Tgt Ion:	95	Resp:	87168
Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	201.8
176	86.0	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076536.D
Acq: 22 Jun 2023 13:45

Tgt Ion:	117	Resp:	212010
Ion	Ratio	Lower	Upper
117	100		
82	53.3	38.3	57.5
119	31.6	25.0	37.4

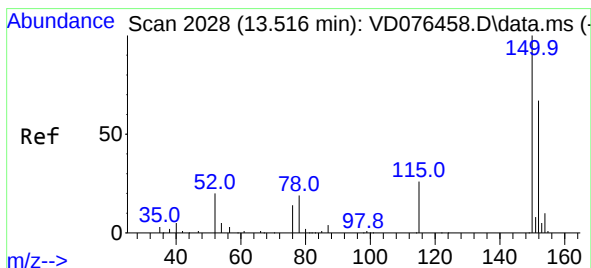
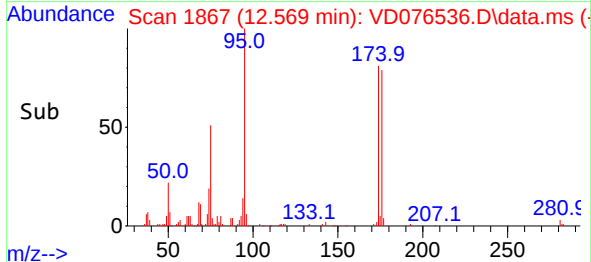
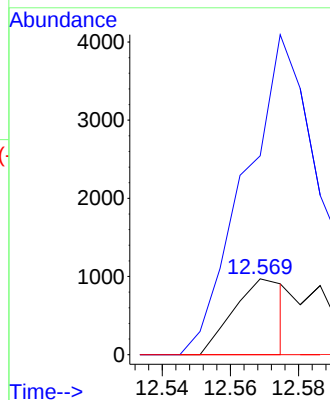
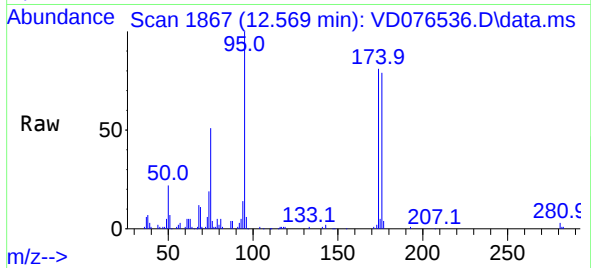




#71
Bromoform
Concen: 1.184 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.270 min
Lab File: VD076536.D
Acq: 22 Jun 2023 13:45

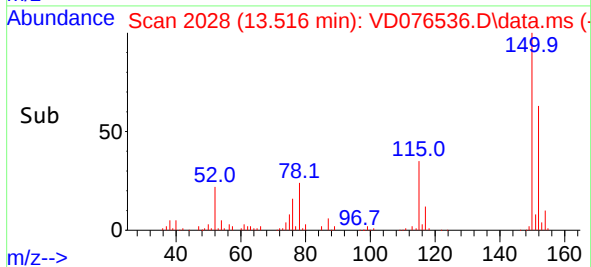
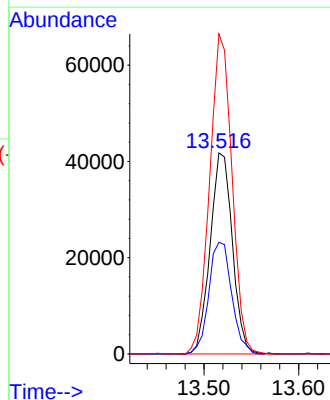
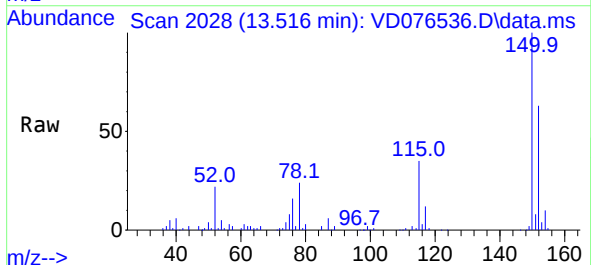
Instrument :
MSVOA_D
ClientSampleId :
SB-05-6.5-7.0

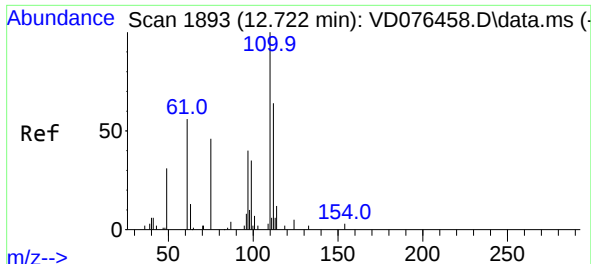
Tgt Ion:173 Resp: 1024
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076536.D
Acq: 22 Jun 2023 13:45

Tgt Ion:152 Resp: 68062
Ion Ratio Lower Upper
152 100
115 57.2 27.1 81.3
150 160.0 0.0 353.6

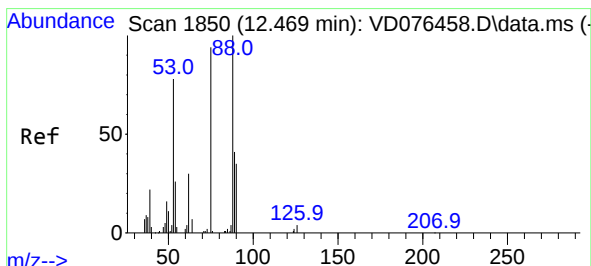
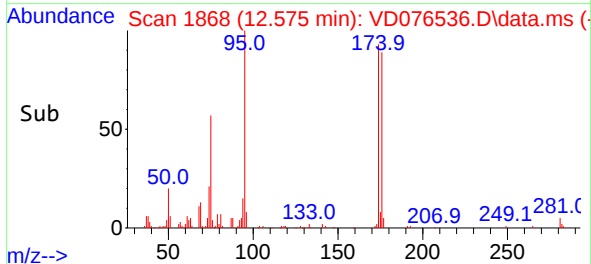
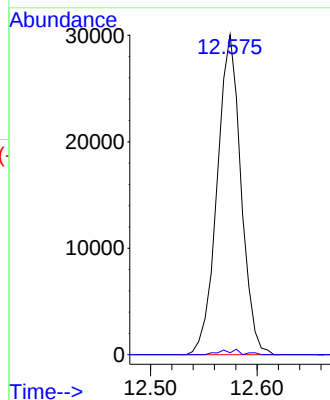
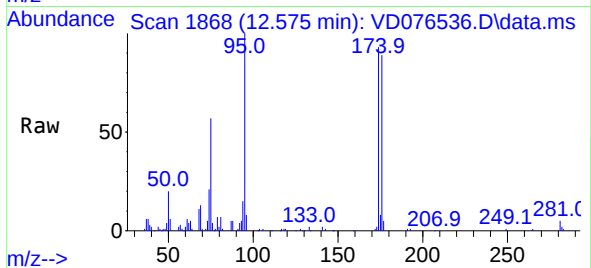




#76
1,2,3-Trichloropropane
Concen: 69.153 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076536.D
Acq: 22 Jun 2023 13:45

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

Tgt Ion: 75 Resp: 46713
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 151.531 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076536.D
Acq: 22 Jun 2023 13:45

Tgt Ion: 75 Resp: 46713
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.0 37.9 56.9#

