

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)

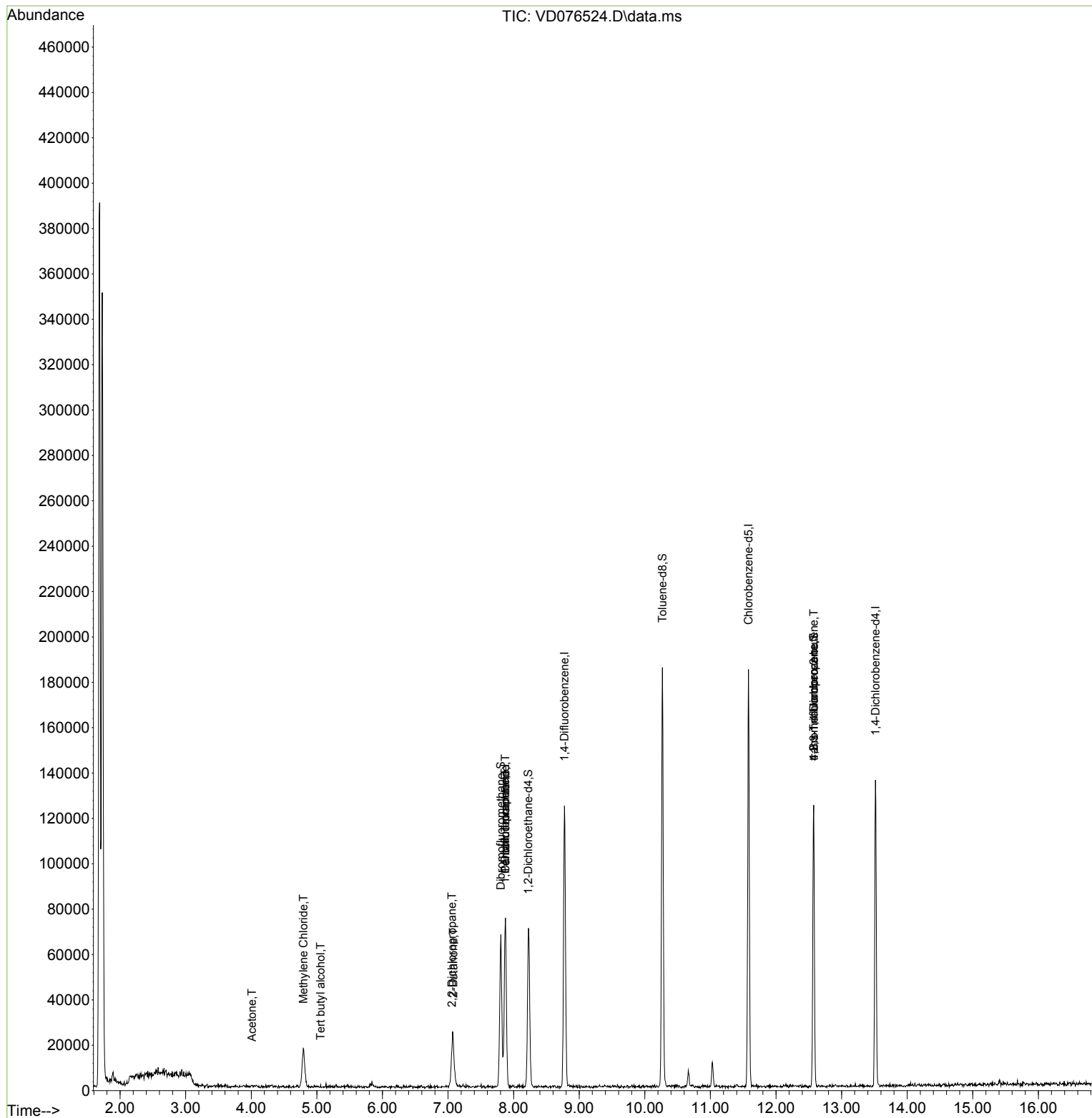
Internal Standards						
1) Pentafluorobenzene	7.875	168	59090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	107838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	100777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	36090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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
11) Tert butyl alcohol	5.058	59	55	1.076	ug/l #	73
16) Acetone	4.011	43	534	3.790	ug/l	93
20) Methylene Chloride	4.793	84	11359	7.834	ug/l #	81
25) 2-Butanone	7.081	43	1619	7.430	ug/l #	37
26) 2,2-Dichloropropane	7.058	77	1814	1.762	ug/l #	49
28) Bromochloromethane	7.599	49	65	Below Cal	#	1
36) 1,1-Dichloropropene	7.869	75	4936	5.502	ug/l #	44
38) Carbon Tetrachloride	7.875	117	5646	7.041	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	19952	55.703	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	19952	122.058	ug/l #	17

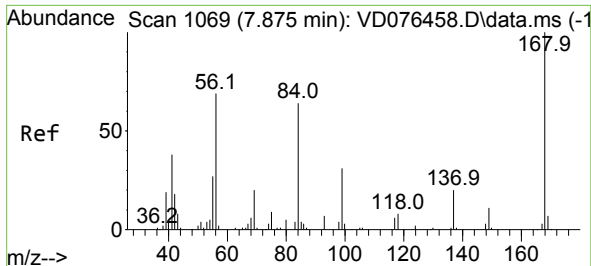
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-06-6.5-7.0

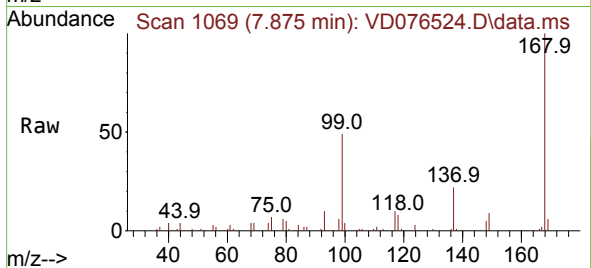
Quant Time: Jun 22 02:03:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
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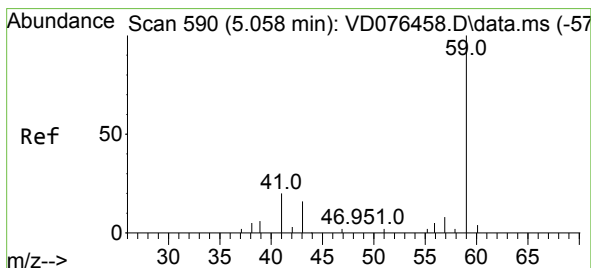
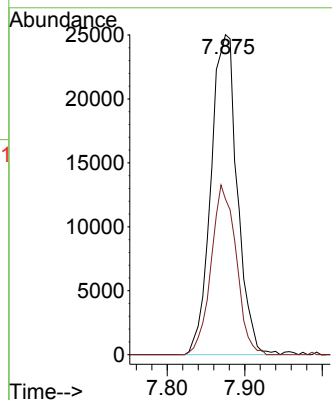
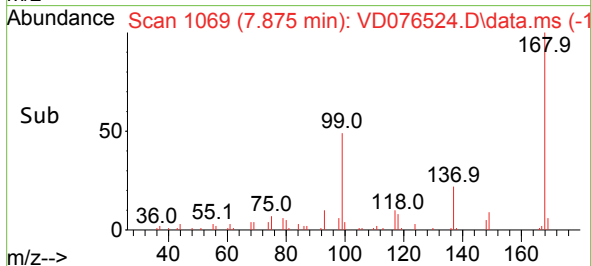


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076524.D
Acq: 21 Jun 2023 20:52

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

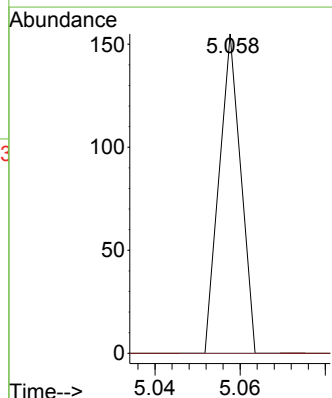
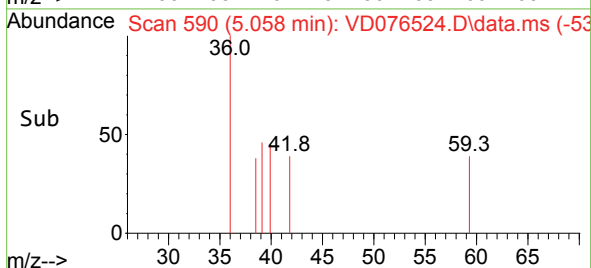
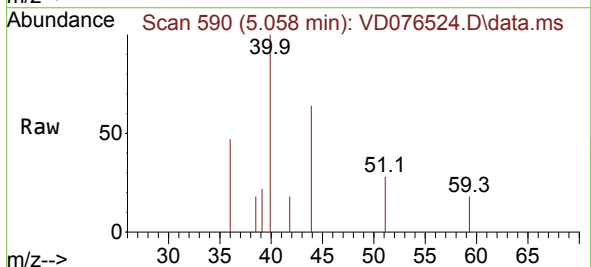


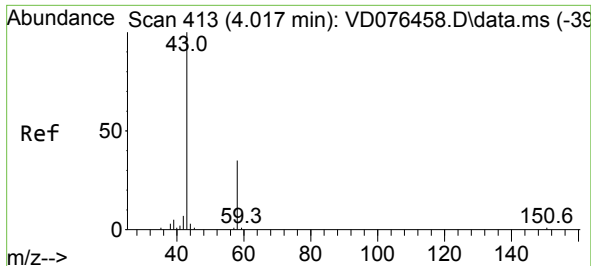
Tgt Ion:168 Resp: 59090
Ion Ratio Lower Upper
168 100
99 48.6 36.7 55.1



#11
Tert butyl alcohol
Concen: 1.076 ug/l
RT: 5.058 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD076524.D
Acq: 21 Jun 2023 20:52

Tgt Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#16

Acetone

Concen: 3.790 ug/l

RT: 4.011 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD076524.D

Acq: 21 Jun 2023 20:52

Instrument :

MSVOA_D

ClientSampleId :

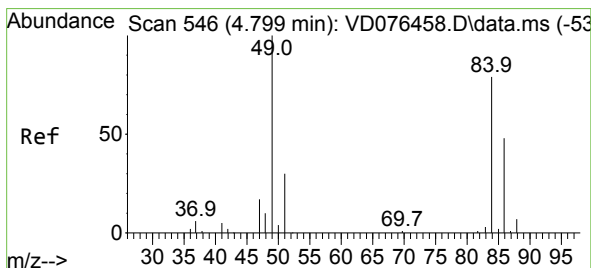
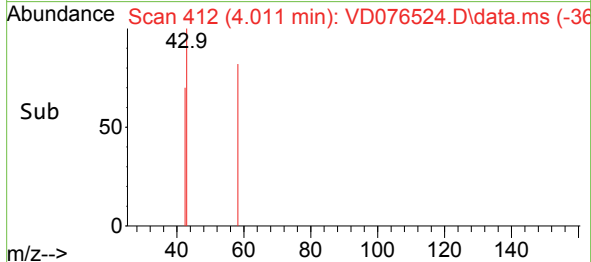
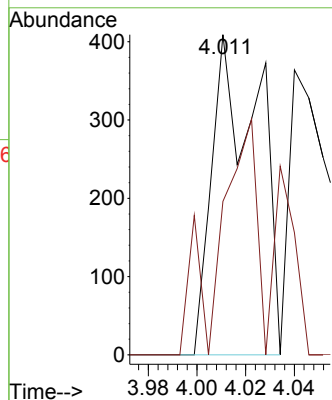
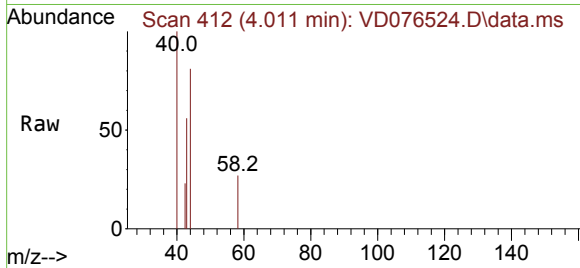
SB-06-6.5-7.0

Tgt Ion: 43 Resp: 534

Ion Ratio Lower Upper

43 100

58 47.9 34.7 52.1



#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

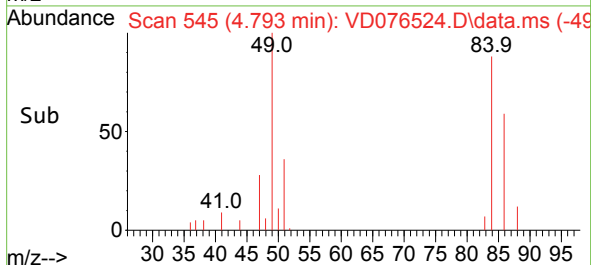
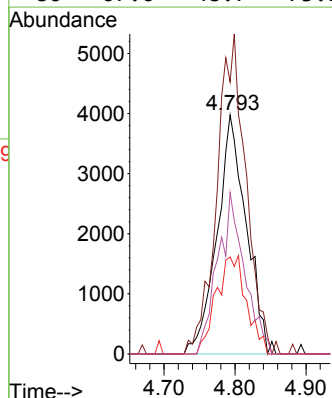
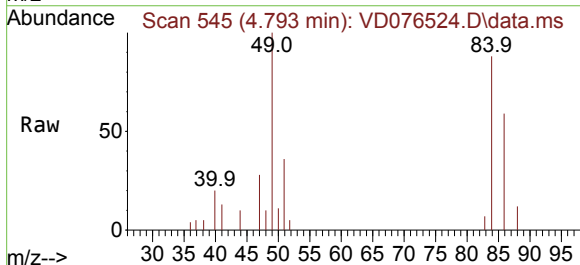
Ion Ratio Lower Upper

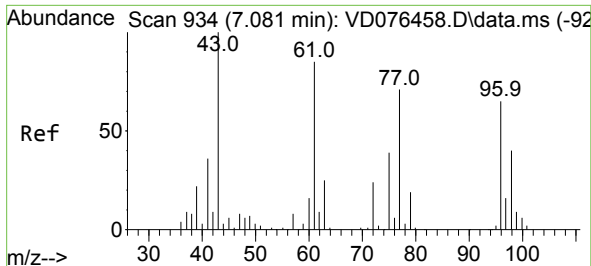
84 100

49 113.8 71.4 107.2#

51 40.6 24.5 36.7#

86 67.6 48.7 73.1

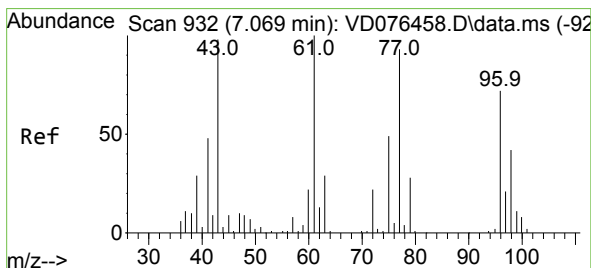
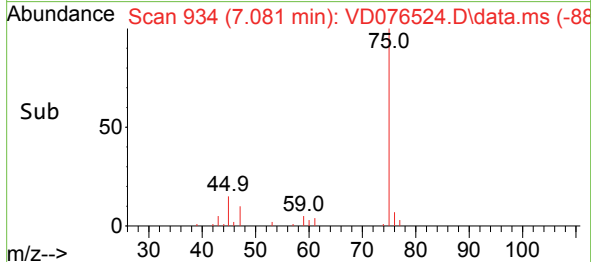
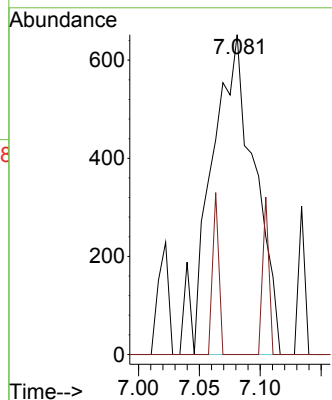
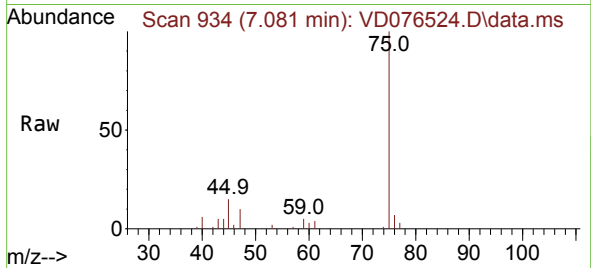




#25
2-Butanone
Concen: 7.430 ug/l
RT: 7.081 min Scan# 919
Delta R.T. -0.000 min
Lab File: VD076524.D
Acq: 21 Jun 2023 20:52

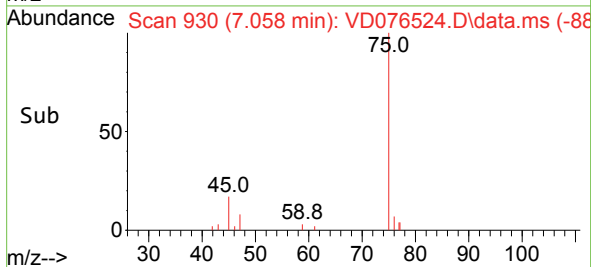
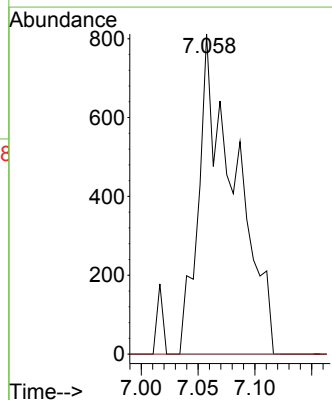
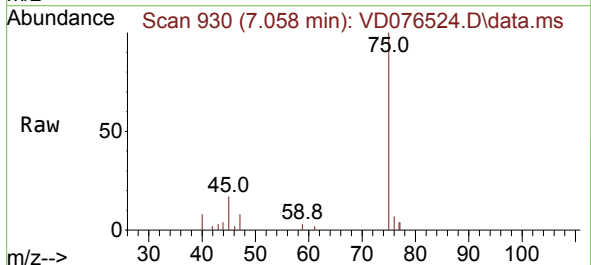
Instrument :
MSVOA_D
ClientSampleId :
SB-06-6.5-7.0

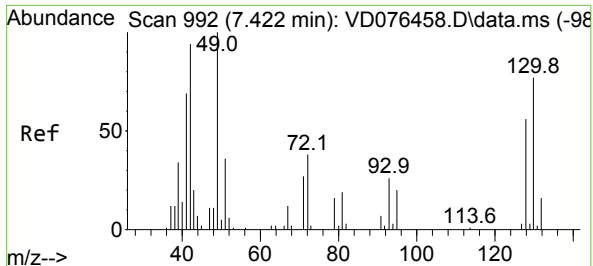
Tgt Ion: 43 Resp: 1619
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 1.762 ug/l
RT: 7.058 min Scan# 930
Delta R.T. -0.012 min
Lab File: VD076524.D
Acq: 21 Jun 2023 20:52

Tgt Ion: 77 Resp: 1814
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#

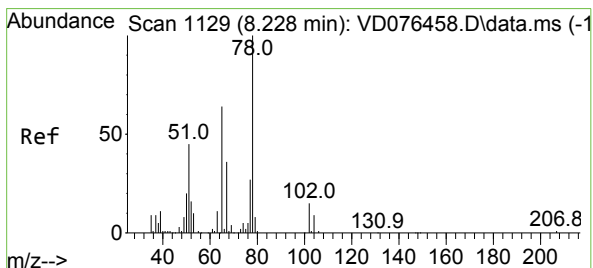
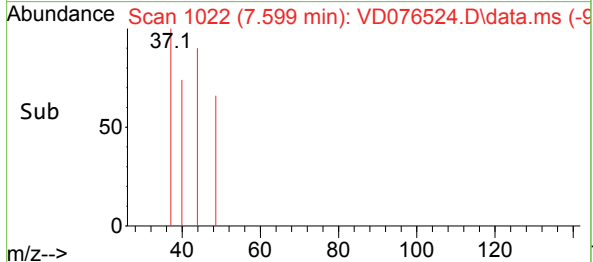
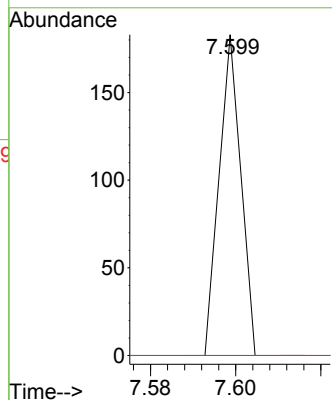
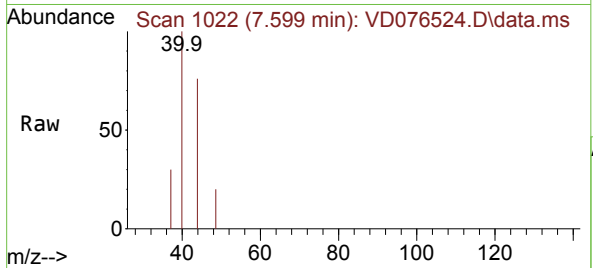




#28
Bromochloromethane
Concen: Below Cal
RT: 7.599 min Scan# 1022
Delta R.T. 0.177 min
Lab File: VD076524.D
Acq: 21 Jun 2023 20:52

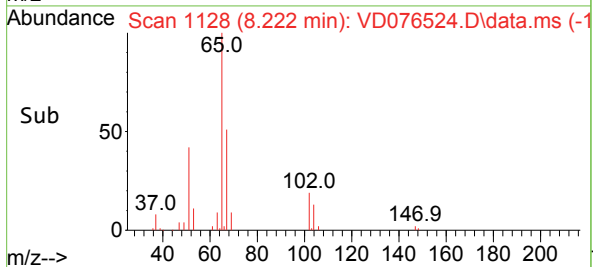
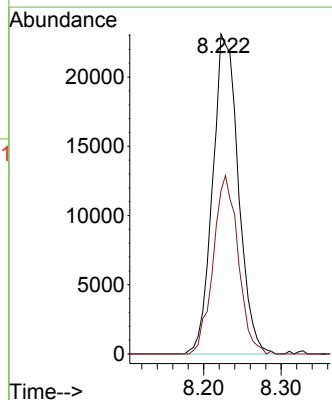
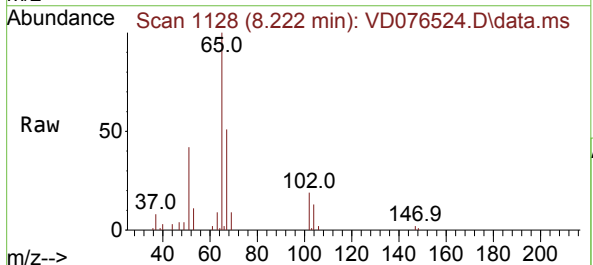
Instrument :
MSVOA_D
ClientSampleId :
SB-06-6.5-7.0

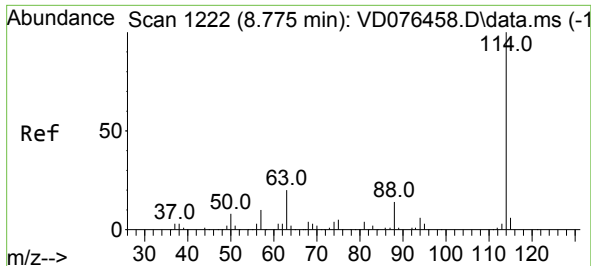
Tgt Ion: 49 Resp: 65
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



#33
1,2-Dichloroethane-d4
Concen: 90.041 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD076524.D
Acq: 21 Jun 2023 20:52

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# 11

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

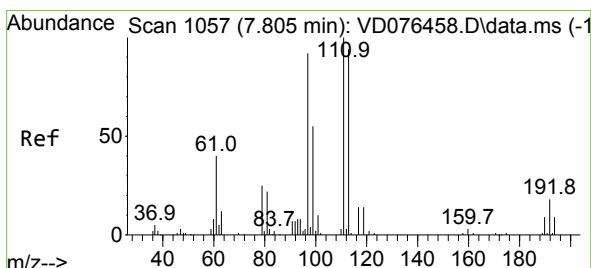
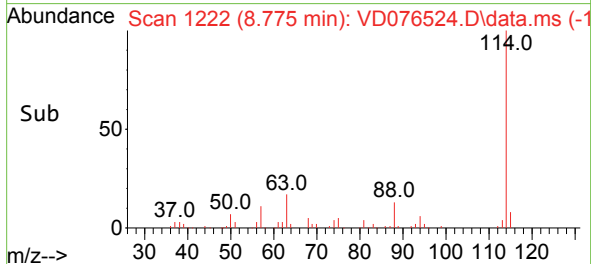
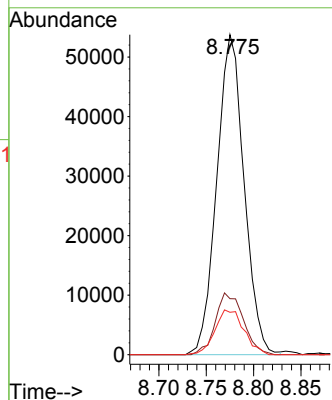
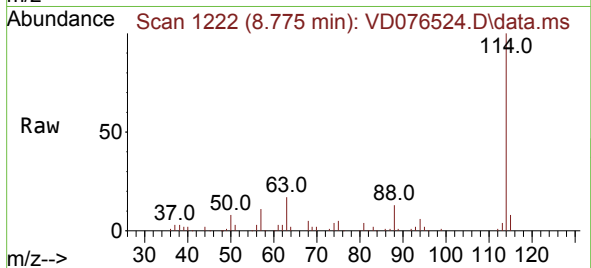
Tgt Ion:114 Resp: 107838

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

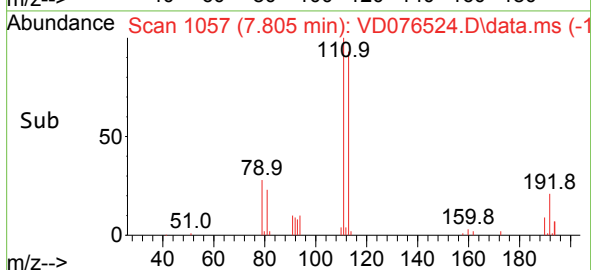
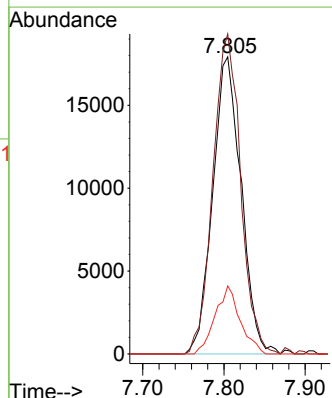
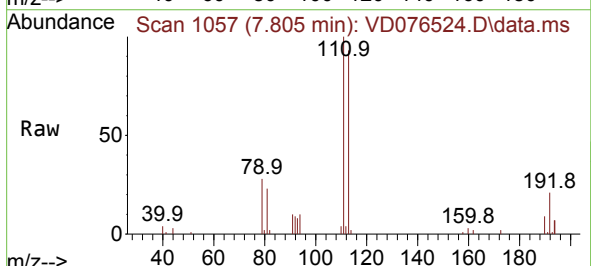
Tgt Ion:113 Resp: 43606

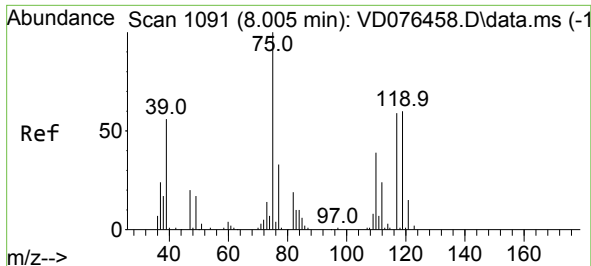
Ion Ratio Lower Upper

113 100

111 104.8 84.7 127.1

192 20.1 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.502 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VD076524.D

Acq: 21 Jun 2023 20:52

Instrument :

MSVOA_D

ClientSampleId :

SB-06-6.5-7.0

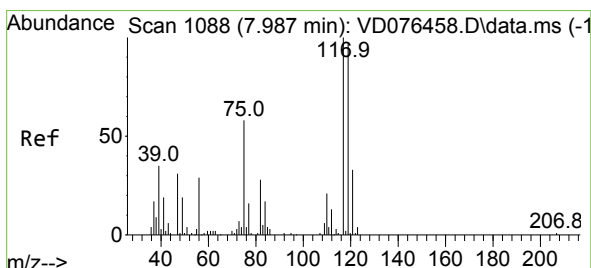
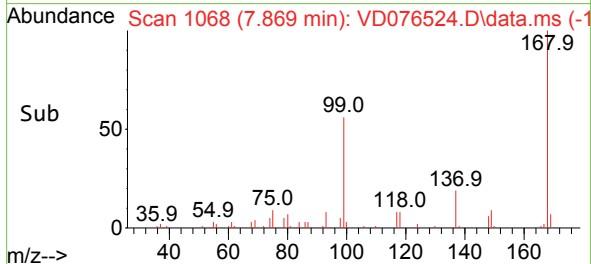
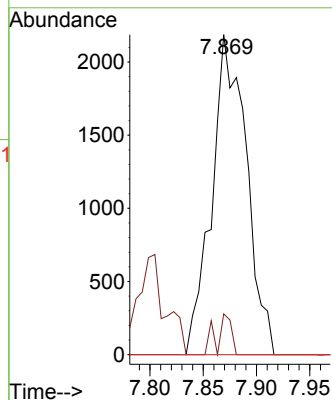
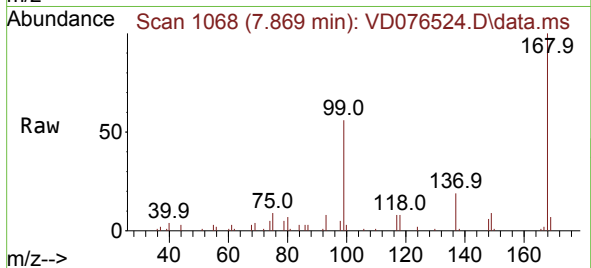
Tgt Ion: 75 Resp: 4936

Ion Ratio Lower Upper

75 100

110 5.3 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 7.041 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD076524.D

Acq: 21 Jun 2023 20:52

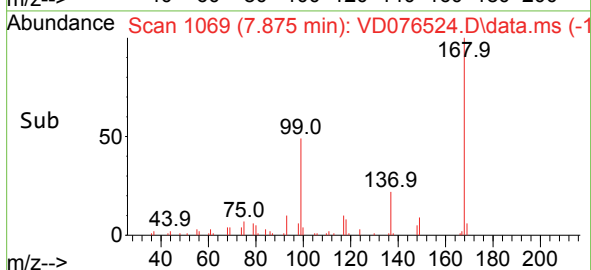
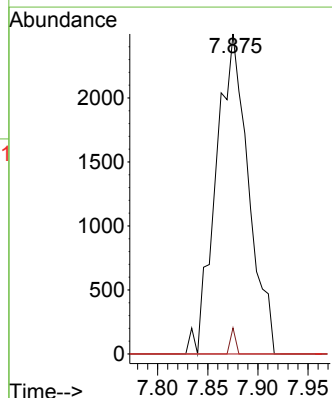
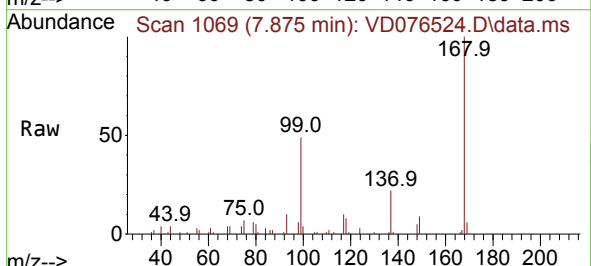
Tgt Ion: 117 Resp: 5646

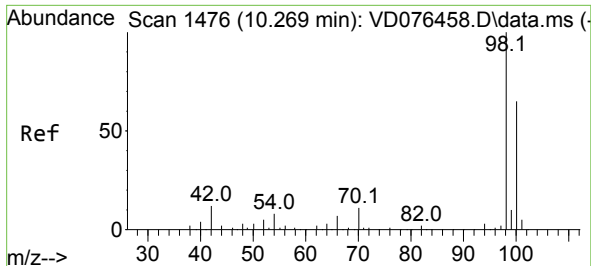
Ion Ratio Lower Upper

117 100

119 8.2 78.0 117.0#

121 0.0 24.2 36.2#

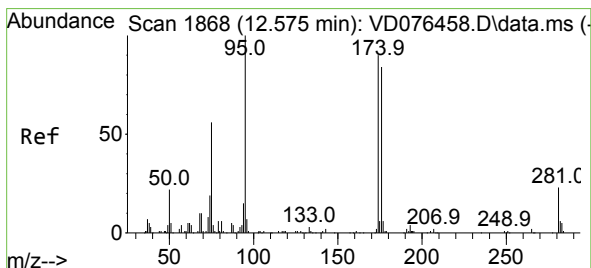
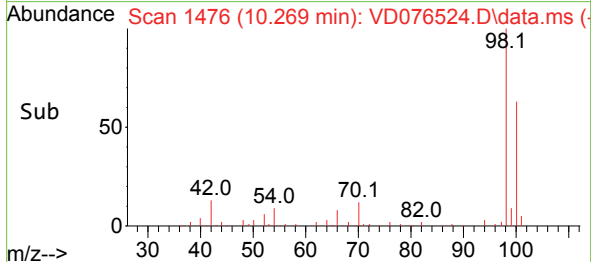
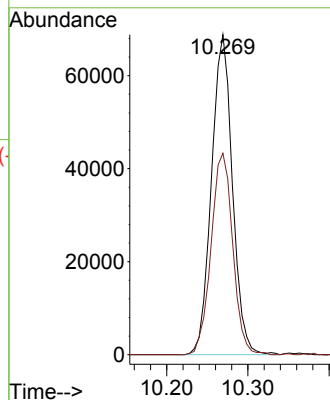
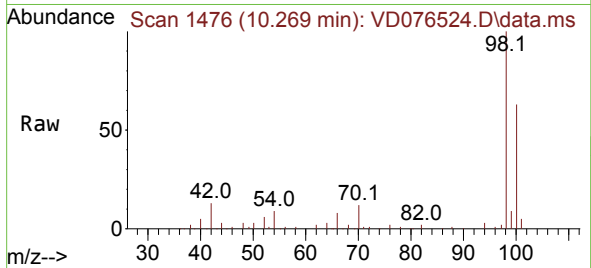




#50
Toluene-d8
Concen: 50.761 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076524.D
Acq: 21 Jun 2023 20:52

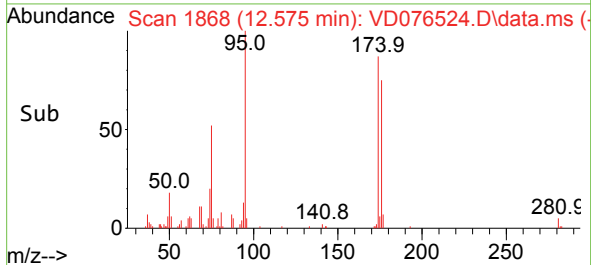
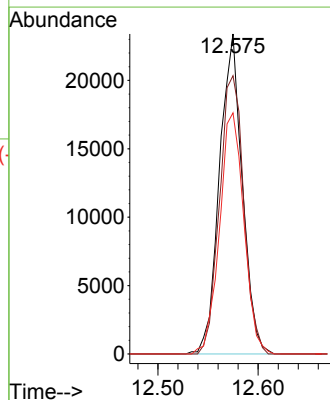
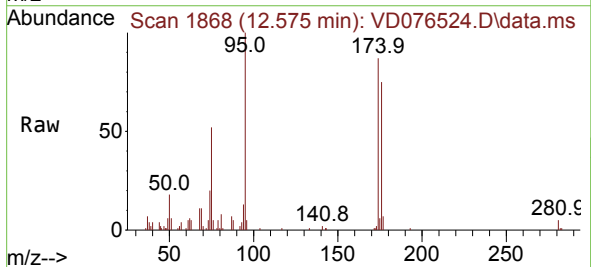
Instrument :
MSVOA_D
ClientSampleId :
SB-06-6.5-7.0

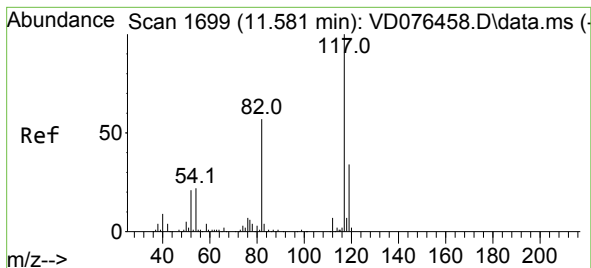
Tgt Ion: 98 Resp: 123327
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5



#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

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

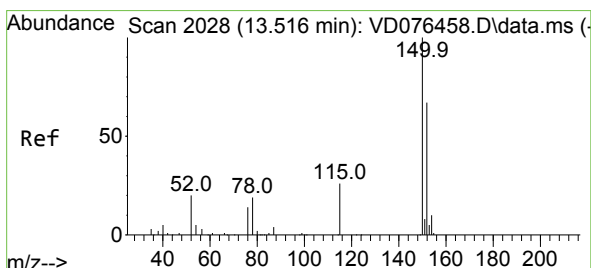
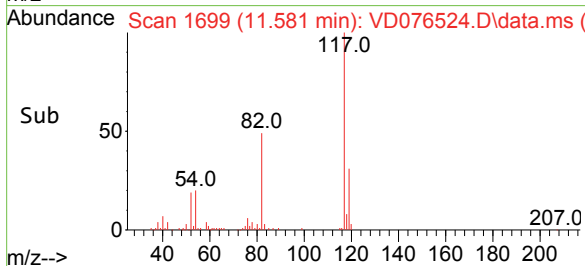
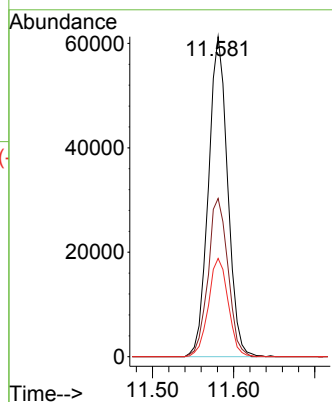
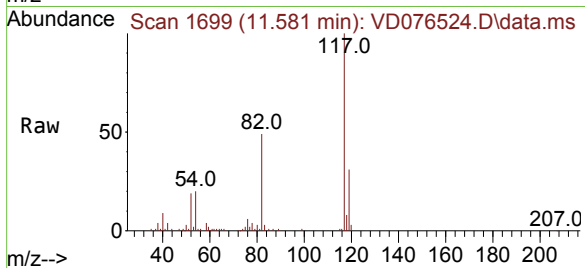




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076524.D
Acq: 21 Jun 2023 20:52

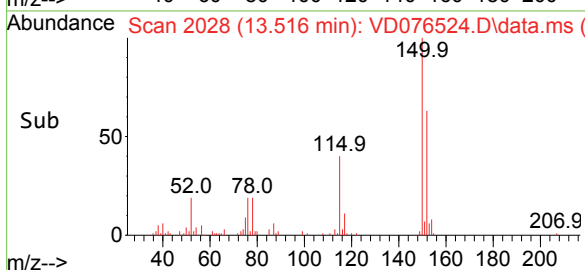
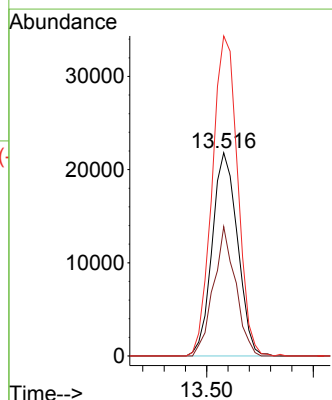
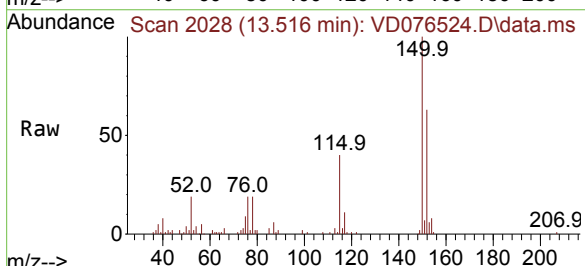
Instrument :
MSVOA_D
ClientSampleId :
SB-06-6.5-7.0

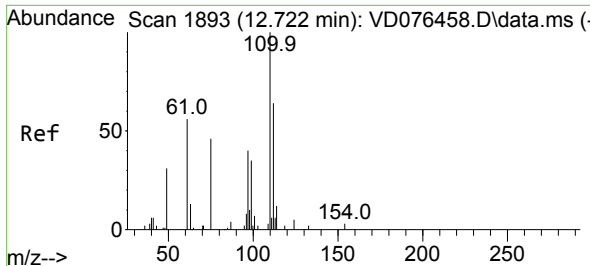
Tgt Ion:117 Resp: 100777
Ion Ratio Lower Upper
117 100
82 49.5 38.3 57.5
119 30.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076524.D
Acq: 21 Jun 2023 20:52

Tgt Ion:152 Resp: 36090
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.3
150 157.6 0.0 353.6

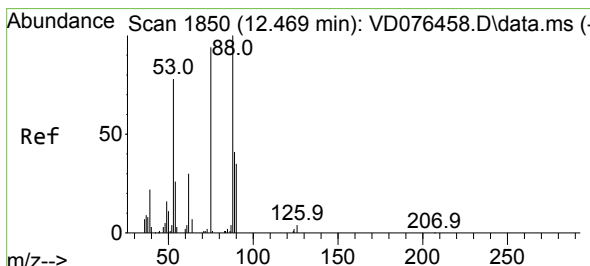
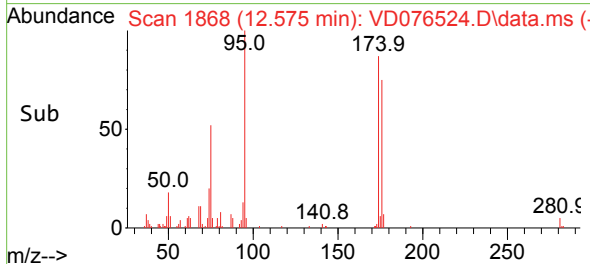
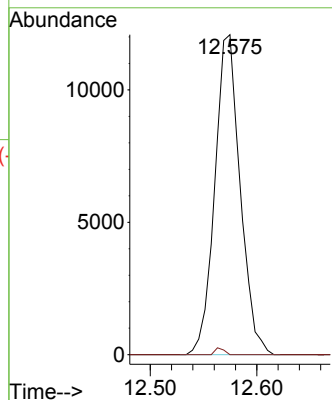
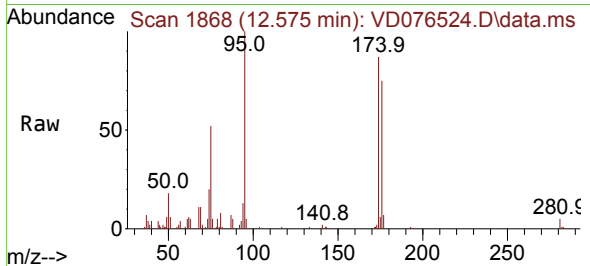




#76
1,2,3-Trichloropropane
Concen: 55.703 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076524.D
Acq: 21 Jun 2023 20:52

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

Tgt Ion: 75 Resp: 19952
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.058 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076524.D
Acq: 21 Jun 2023 20:52

Tgt Ion: 75 Resp: 19952
Ion Ratio Lower Upper
75 100
53 0.3 63.0 94.4#
89 0.0 37.9 56.9#

