

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
 Data File : VD076883.D
 Acq On : 31 Jul 2023 19:19
 Operator : KP/SY
 Sample : 03840-02
 Misc : 7.36G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BUILDING-B-5-(5-10)

Quant Time: Aug 01 02:13:57 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)

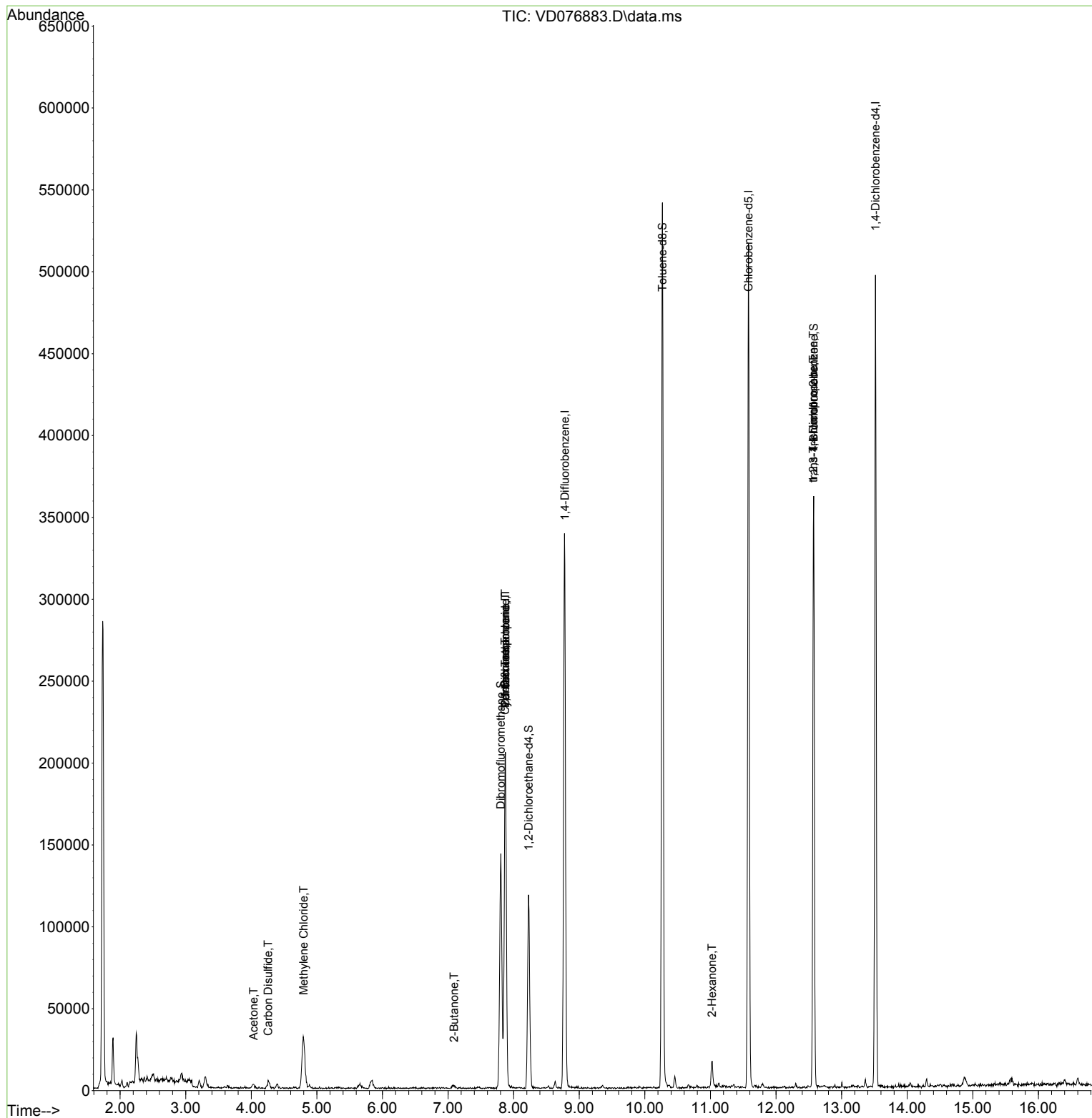
Internal Standards						
1) Pentafluorobenzene	7.875	168	154775	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	312063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	300974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	128802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90516	58.715	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 117.440%		
35) Dibromofluoromethane	7.805	113	104718	53.400	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 106.800%		
50) Toluene-d8	10.269	98	381624	54.399	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 108.800%		
62) 4-Bromofluorobenzene	12.575	95	112028	49.363	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery	= 98.720%		
Target Compounds						
						Qvalue
16) Acetone	4.034	43	3812	10.354	ug/l	# 78
17) Carbon Disulfide	4.258	76	8975	2.512	ug/l	100
20) Methylene Chloride	4.799	84	24988	1.384	ug/l	95
25) 2-Butanone	7.093	43	574	1.165	ug/l	# 37
31) Cyclohexane	7.869	56	3668	1.617	ug/l	# 1
36) 1,1-Dichloropropene	7.875	75	12784	4.989	ug/l	# 49
38) Carbon Tetrachloride	7.875	117	16814	6.853	ug/l	# 14
59) 2-Hexanone	11.022	43	2765	3.254	ug/l	# 35
76) 1,2,3-Trichloropropane	12.569	75	59783	48.807	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	59783	103.873	ug/l	# 17

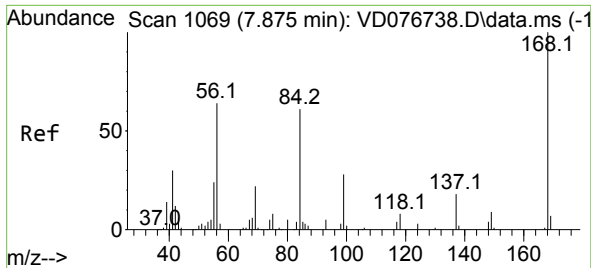
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BUILDING-B-5-(5-10)

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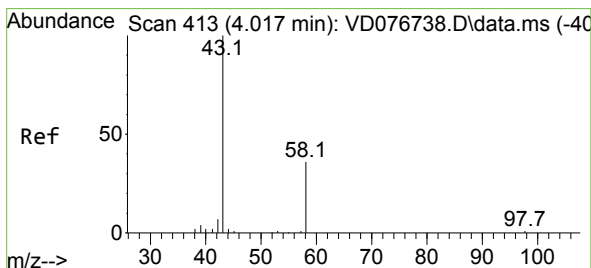
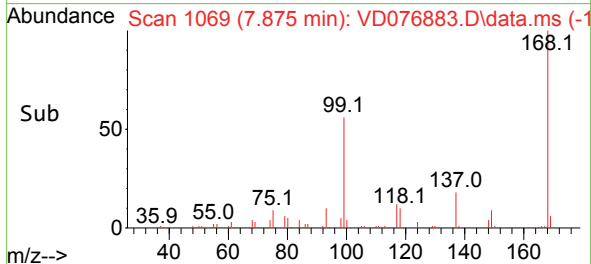
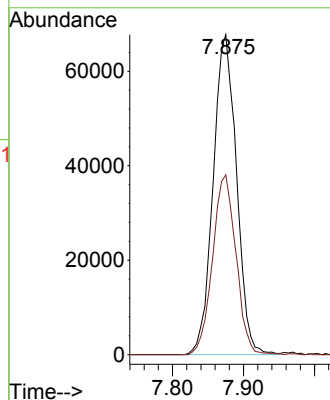
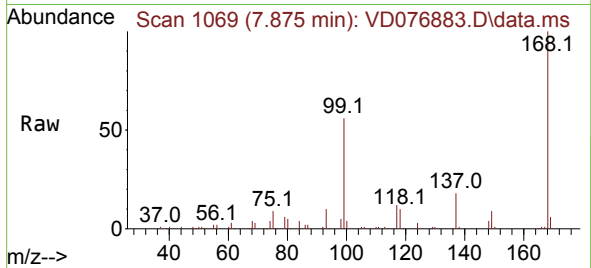




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076883.D
Acq: 31 Jul 2023 19:19

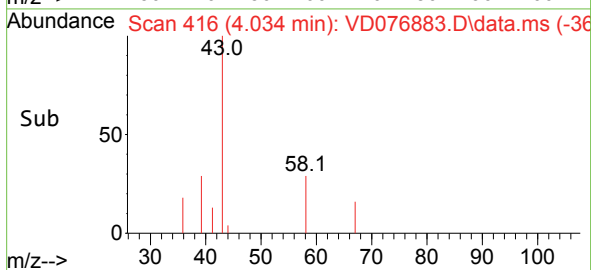
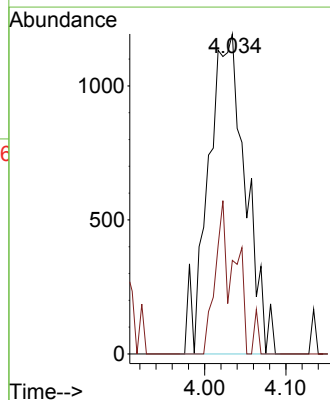
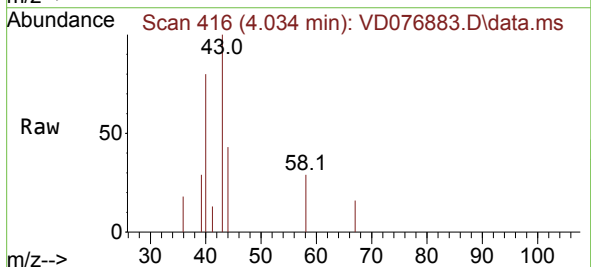
Instrument :
MSVOA_D
ClientSampleId :
BUILDING-B-5-(5-10)

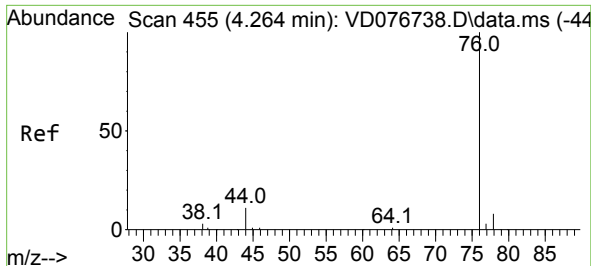
Tgt Ion:168 Resp: 154775
Ion Ratio Lower Upper
168 100
99 56.2 36.7 55.1#



#16
Acetone
Concen: 10.354 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.017 min
Lab File: VD076883.D
Acq: 31 Jul 2023 19:19

Tgt Ion: 43 Resp: 3812
Ion Ratio Lower Upper
43 100
58 29.2 34.7 52.1#

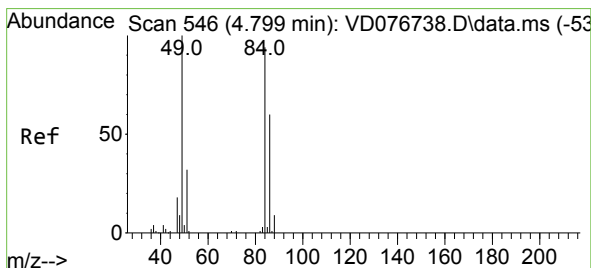
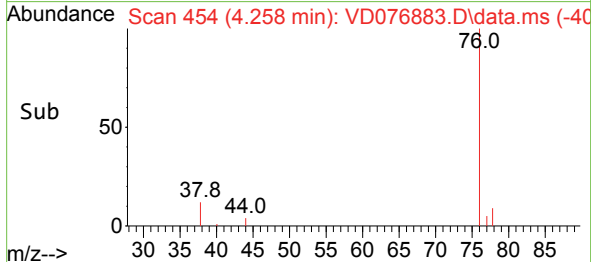
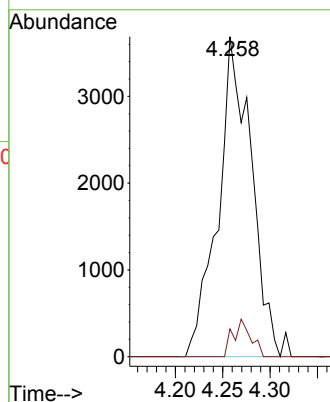
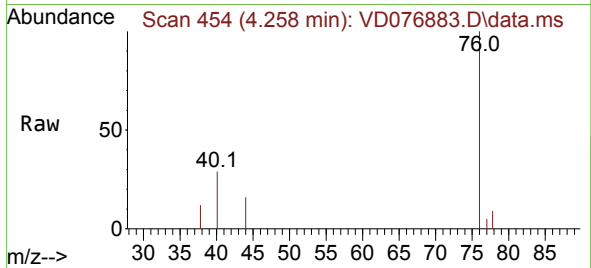




#17
Carbon Disulfide
Concen: 2.512 ug/l
RT: 4.258 min Scan# 417
Delta R.T. -0.006 min
Lab File: VD076883.D
Acq: 31 Jul 2023 19:19

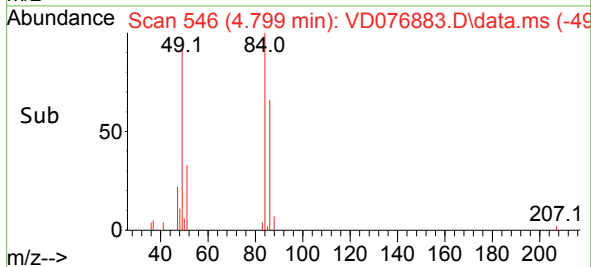
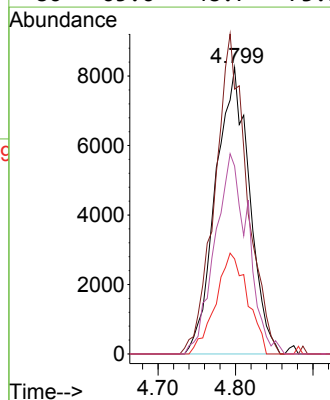
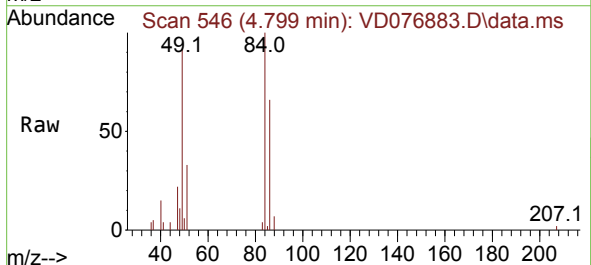
Instrument :
MSVOA_D
ClientSampleId :
BUILDING-B-5-(5-10)

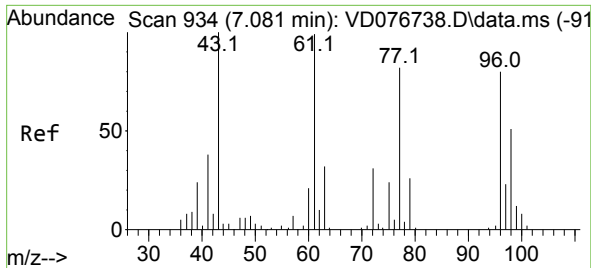
Tgt Ion: 76 Resp: 8975
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#20
Methylene Chloride
Concen: 1.384 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076883.D
Acq: 31 Jul 2023 19:19

Tgt Ion: 84 Resp: 24988
Ion Ratio Lower Upper
84 100
49 92.4 71.4 107.2
51 33.2 24.5 36.7
86 65.6 48.7 73.1

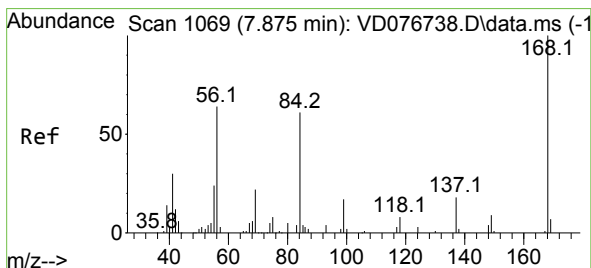
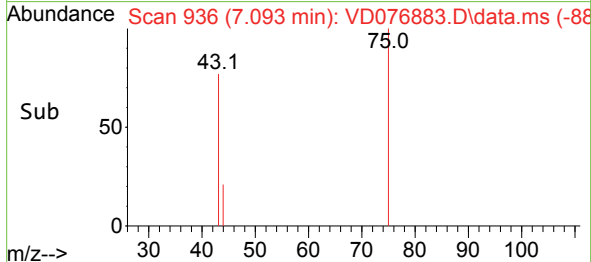
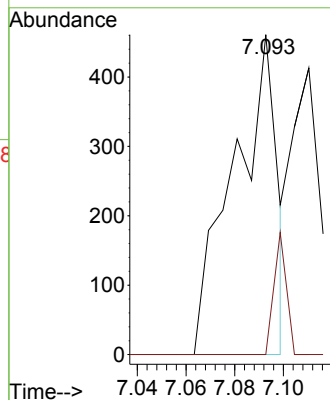
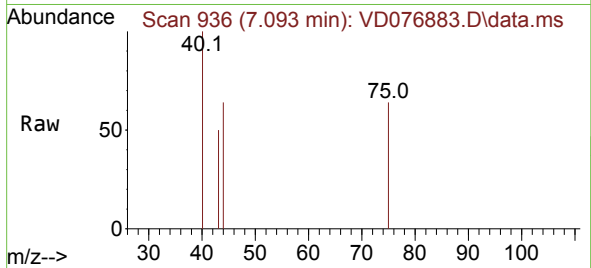




#25
2-Butanone
Concen: 1.165 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD076883.D
Acq: 31 Jul 2023 19:19

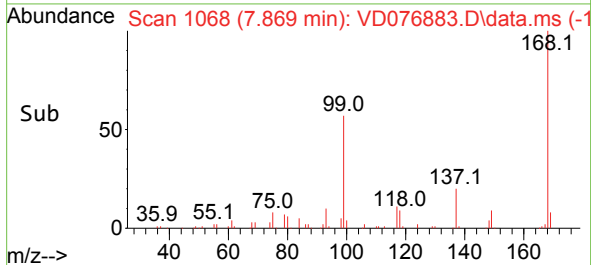
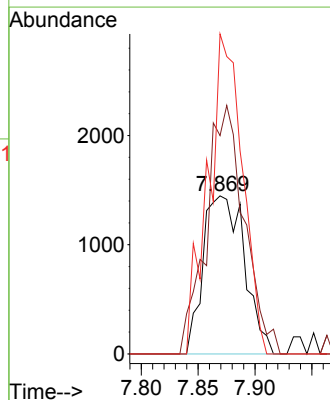
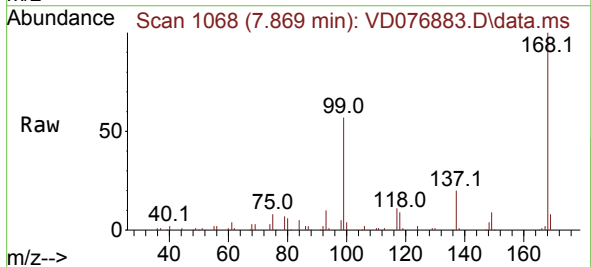
Instrument :
MSVOA_D
ClientSampleId :
BUILDING-B-5-(5-10)

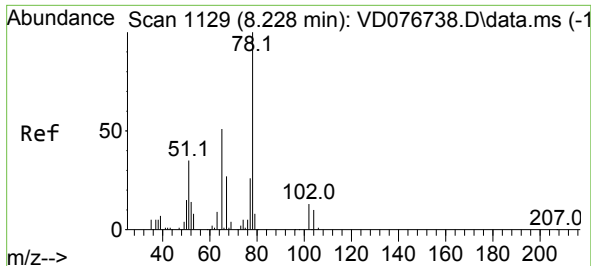
Tgt Ion: 43 Resp: 574
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.617 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076883.D
Acq: 31 Jul 2023 19:19

Tgt Ion: 56 Resp: 3668
Ion Ratio Lower Upper
56 100
69 138.1 28.6 43.0#
84 202.3 84.8 127.2#

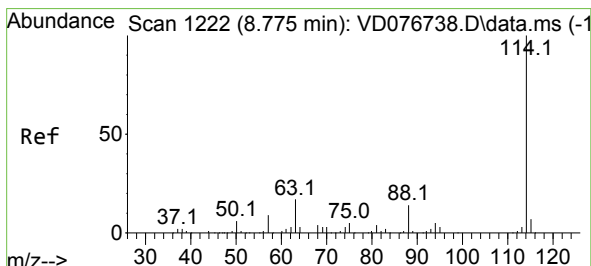
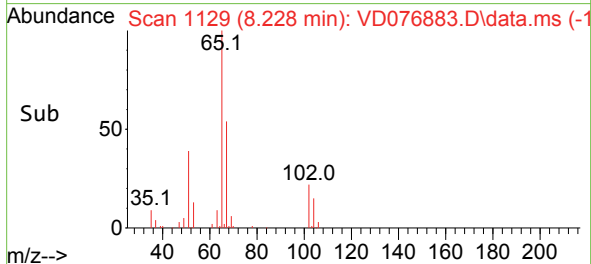
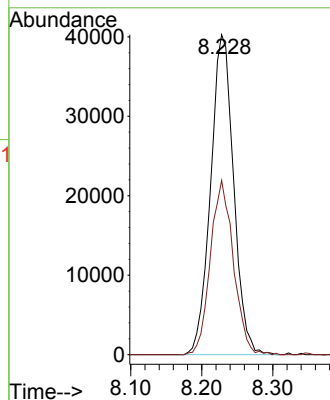
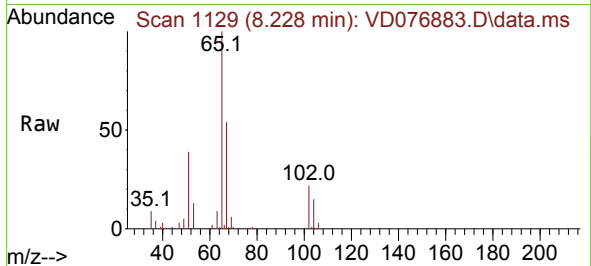




#33
 1,2-Dichloroethane-d4
 Concen: 58.715 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VD076883.D
 Acq: 31 Jul 2023 19:19

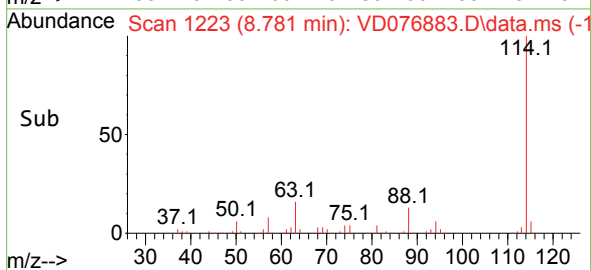
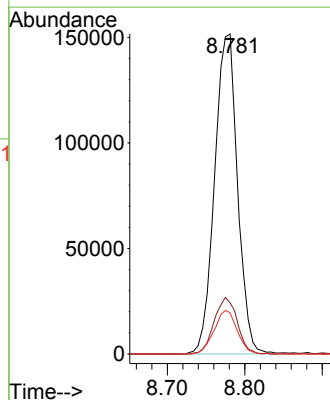
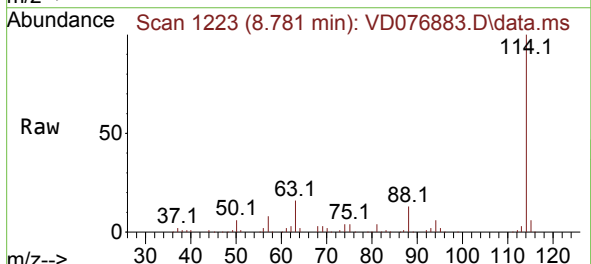
Instrument :
 MSVOA_D
 ClientSampleId :
 BUILDING-B-5-(5-10)

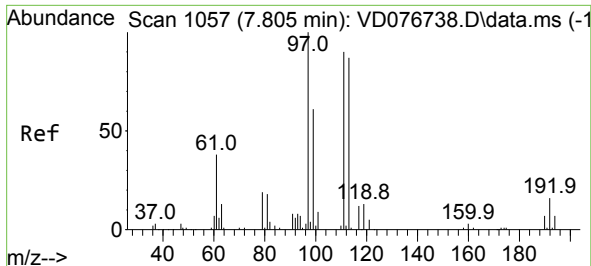
Tgt Ion: 65 Resp: 90516
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD076883.D
 Acq: 31 Jul 2023 19:19

Tgt Ion: 114 Resp: 312063
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 33.4
 88 12.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 53.400 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076883.D

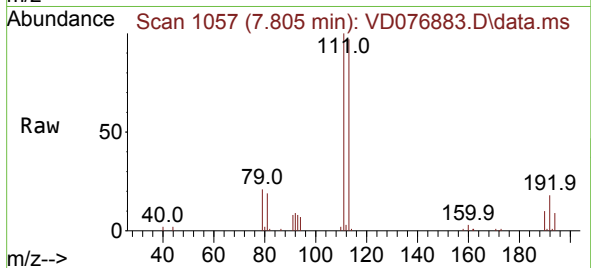
Acq: 31 Jul 2023 19:19

Instrument :

MSVOA_D

ClientSampleId :

BUILDING-B-5-(5-10)



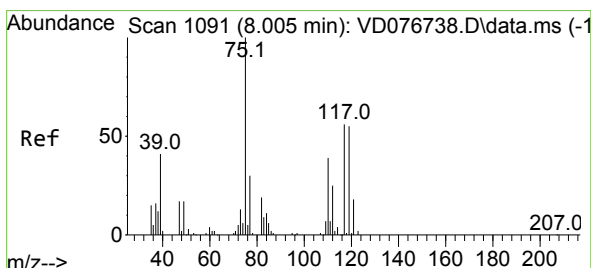
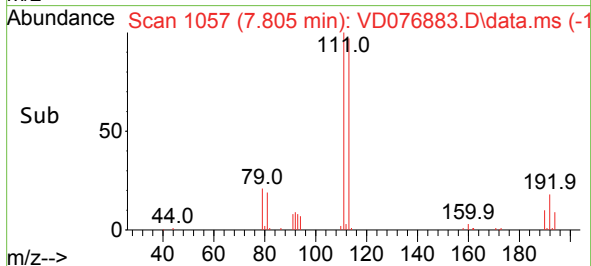
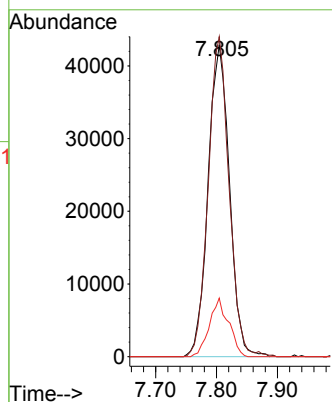
Tgt Ion:113 Resp: 104718

Ion Ratio Lower Upper

113 100

111 99.9 84.7 127.1

192 17.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.989 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD076883.D

Acq: 31 Jul 2023 19:19

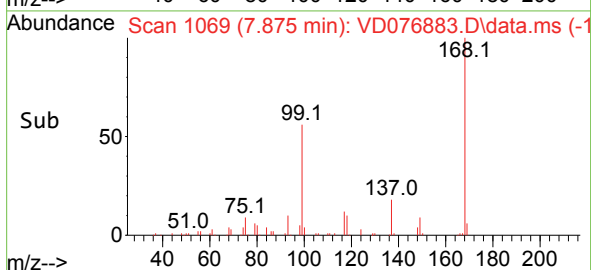
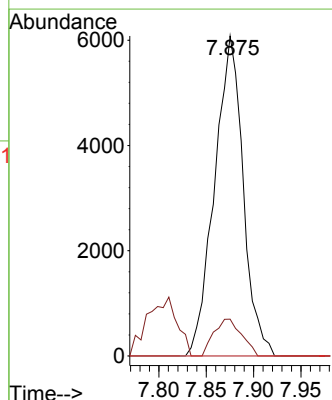
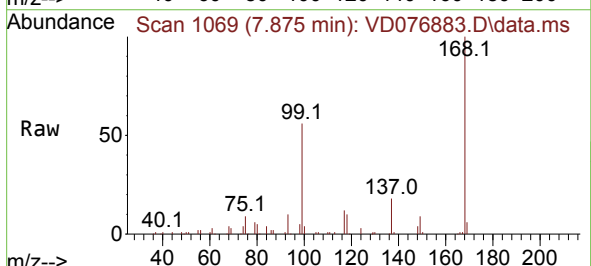
Tgt Ion: 75 Resp: 12784

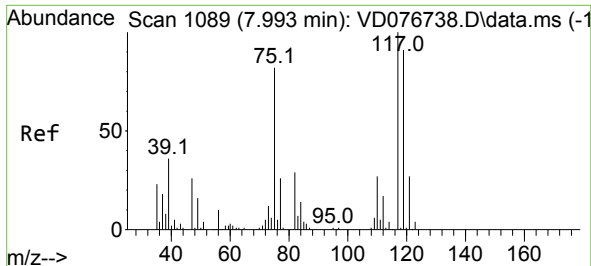
Ion Ratio Lower Upper

75 100

110 11.1 19.9 59.6#

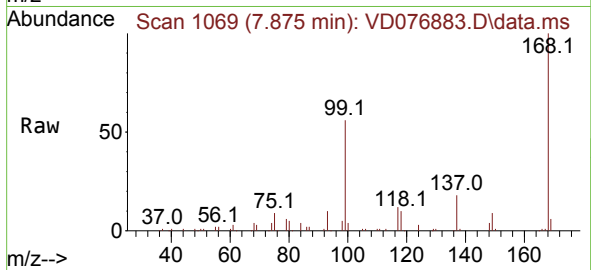
77 0.0 24.7 37.1#



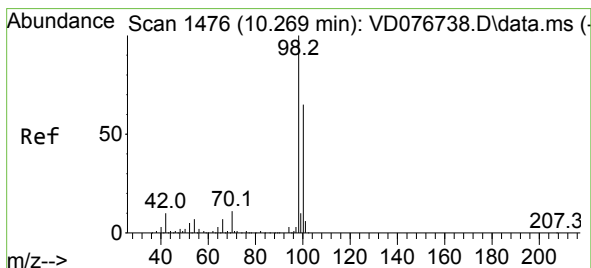
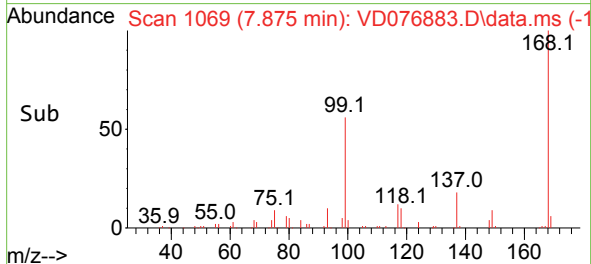
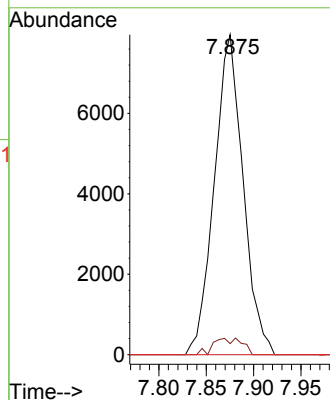


#38
Carbon Tetrachloride
Concen: 6.853 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076883.D
Acq: 31 Jul 2023 19:19

Instrument :
MSVOA_D
ClientSampleId :
BUILDING-B-5-(5-10)

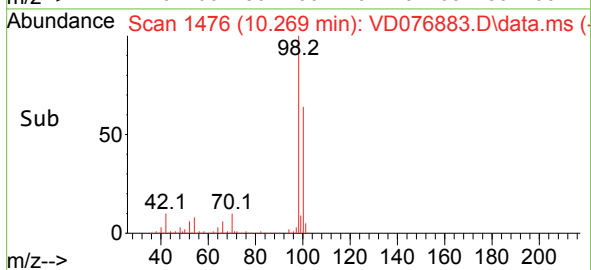
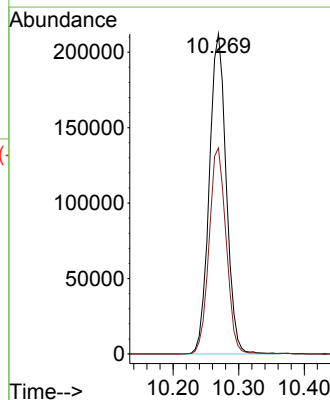
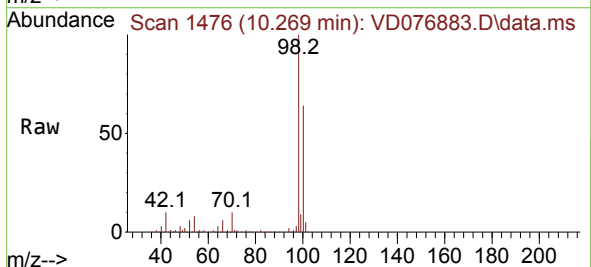


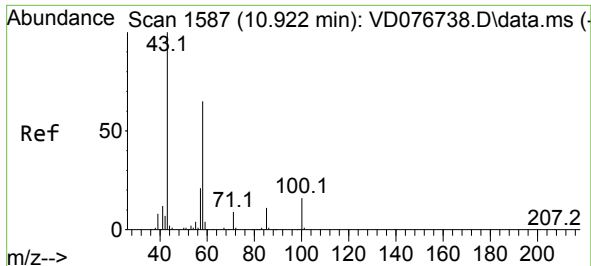
Tgt Ion:117 Resp: 16814
Ion Ratio Lower Upper
117 100
119 3.5 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 54.399 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076883.D
Acq: 31 Jul 2023 19:19

Tgt Ion: 98 Resp: 381624
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5

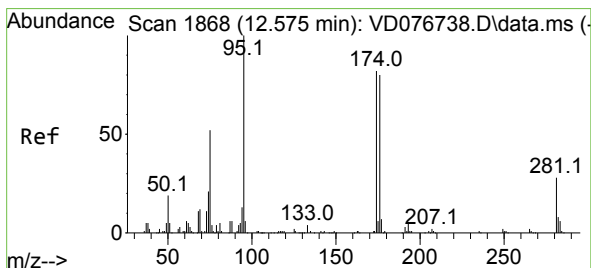
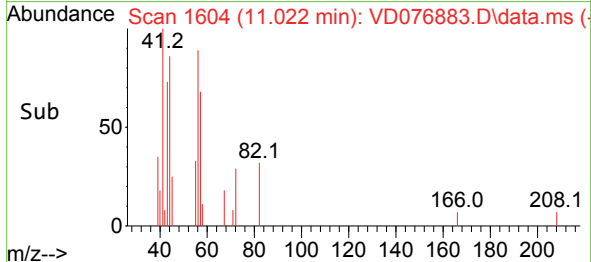
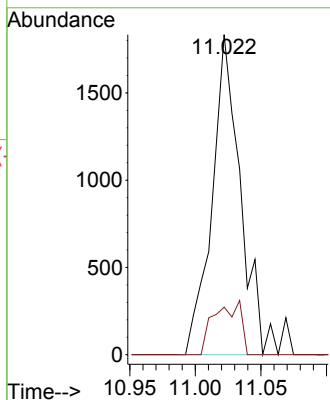
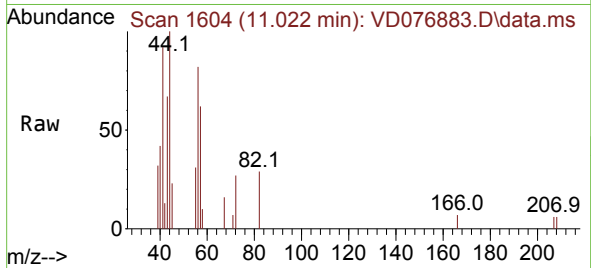




#59
2-Hexanone
Concen: 3.254 ug/l
RT: 11.022 min Scan# 1100
Delta R.T. 0.100 min
Lab File: VD076883.D
Acq: 31 Jul 2023 19:19

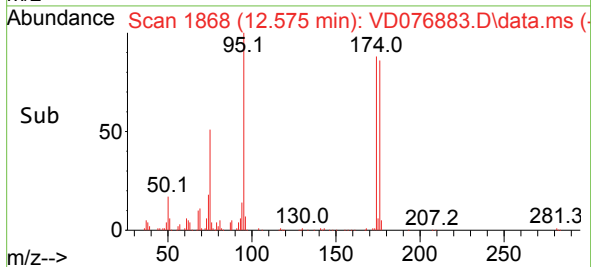
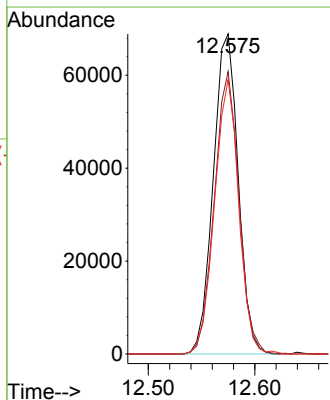
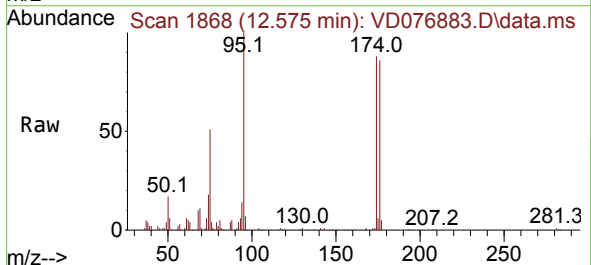
Instrument :
MSVOA_D
ClientSampleId :
BUILDING-B-5-(5-10)

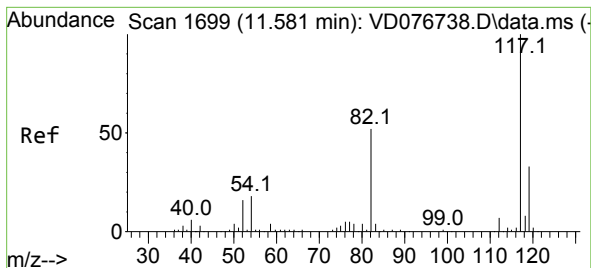
Tgt Ion: 43 Resp: 2765
Ion Ratio Lower Upper
43 100
58 15.8 34.1 102.2#



#62
4-Bromofluorobenzene
Concen: 49.363 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076883.D
Acq: 31 Jul 2023 19:19

Tgt Ion: 95 Resp: 112028
Ion Ratio Lower Upper
95 100
174 87.1 0.0 201.8
176 83.1 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076883.D

Acq: 31 Jul 2023 19:19

Instrument :

MSVOA_D

ClientSampleId :

BUILDING-B-5-(5-10)

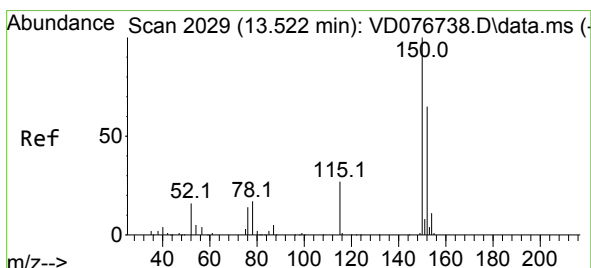
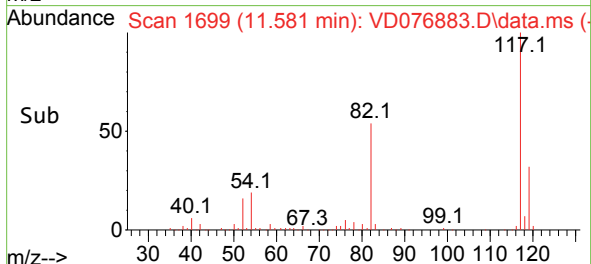
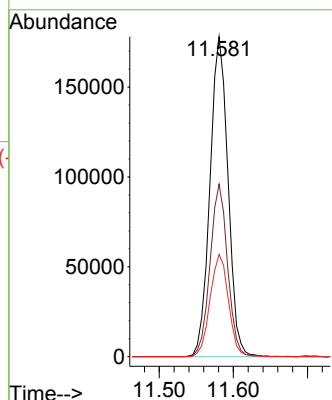
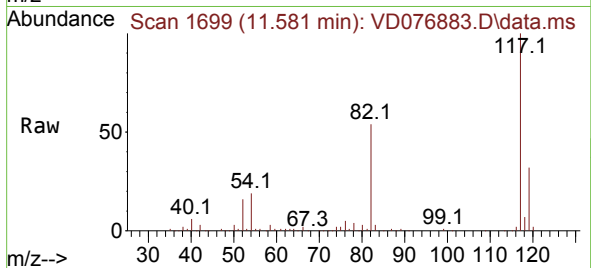
Tgt Ion:117 Resp: 300974

Ion Ratio Lower Upper

117 100

82 53.9 38.3 57.5

119 32.0 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD076883.D

Acq: 31 Jul 2023 19:19

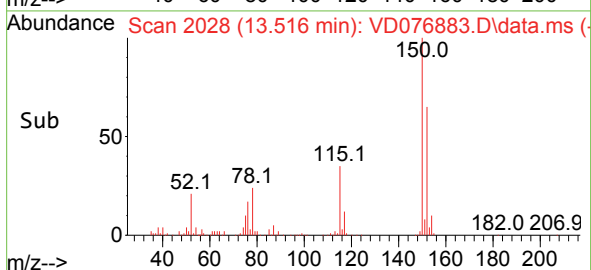
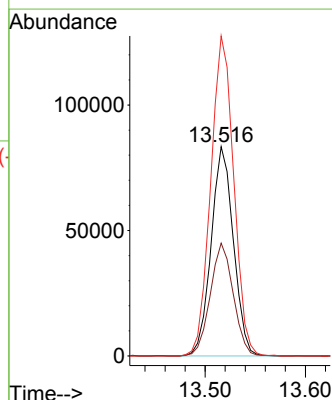
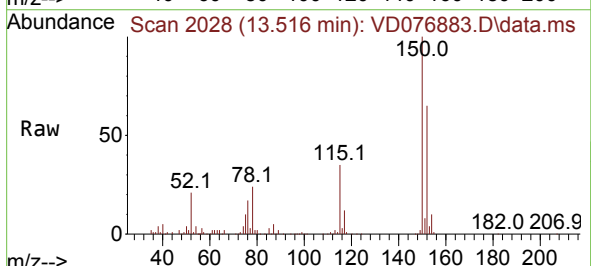
Tgt Ion:152 Resp: 128802

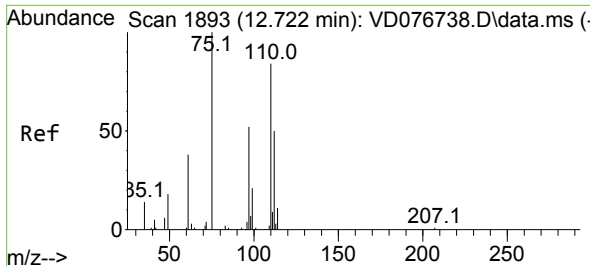
Ion Ratio Lower Upper

152 100

115 55.7 27.1 81.3

150 157.8 0.0 353.6

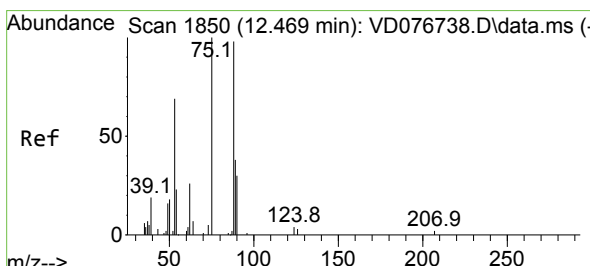
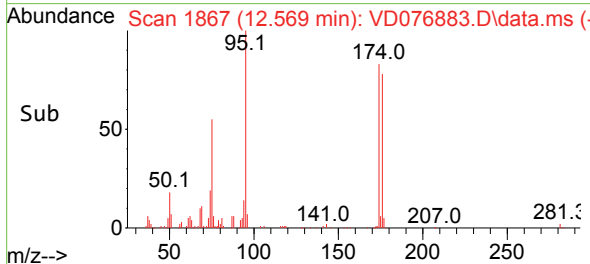
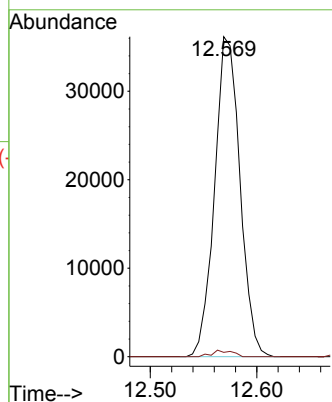
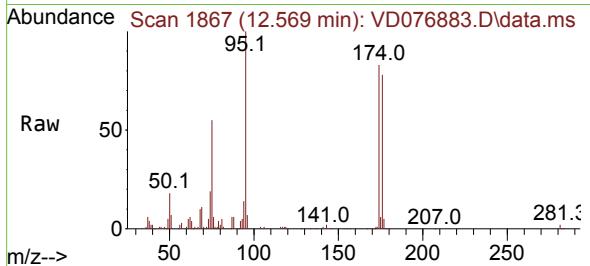




#76
1,2,3-Trichloropropane
Concen: 48.807 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD076883.D
Acq: 31 Jul 2023 19:19

Instrument :
MSVOA_D
ClientSampleId :
BUILDING-B-5-(5-10)

Tgt Ion: 75 Resp: 59783
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.873 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD076883.D
Acq: 31 Jul 2023 19:19

Tgt Ion: 75 Resp: 59783
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

