

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076864.D
 Acq On : 28 Jul 2023 19:45
 Operator : KP/SY
 Sample : 03810-12
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P08B

Quant Time: Jul 28 23:07:49 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)

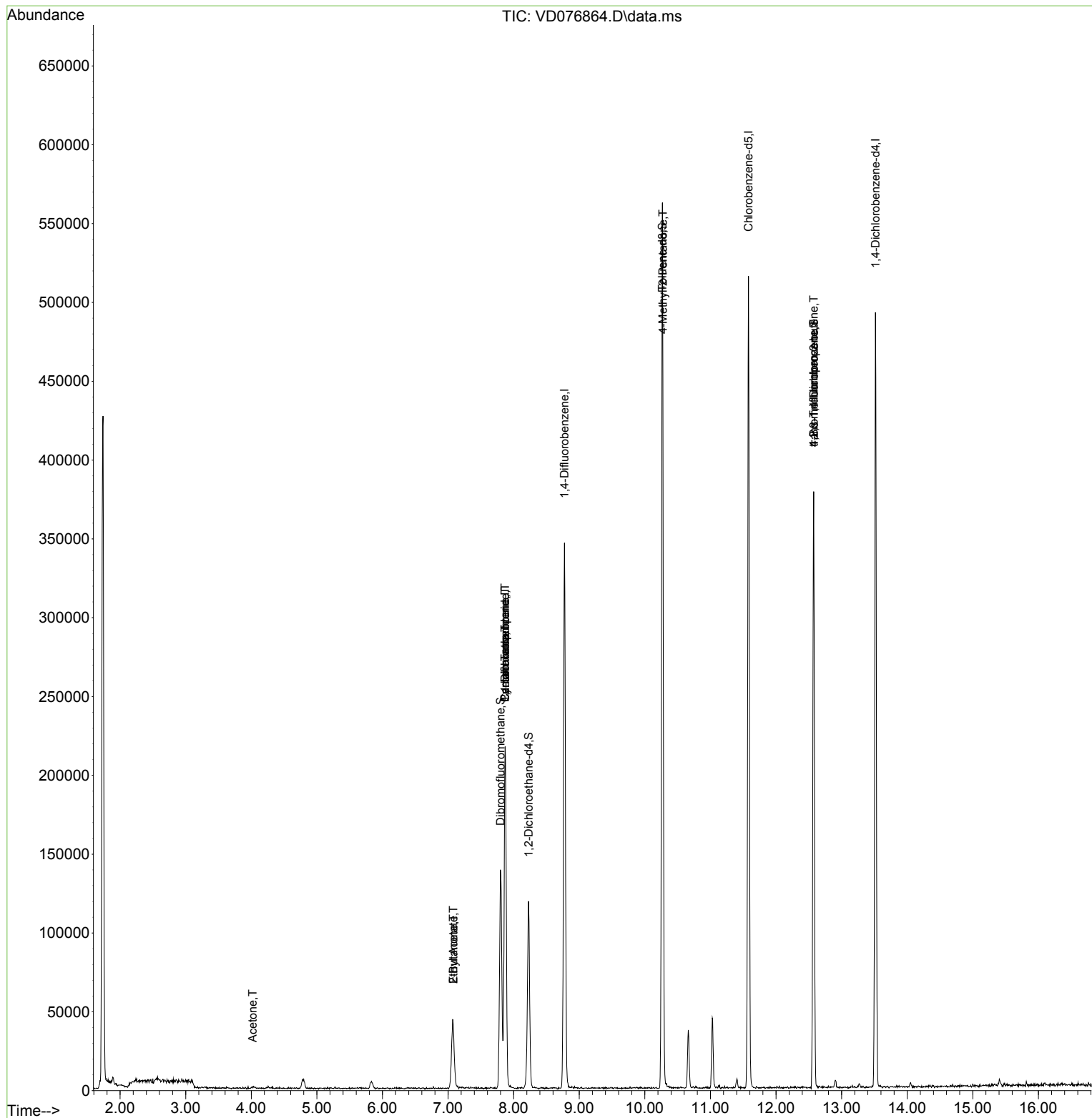
Internal Standards						
1) Pentafluorobenzene	7.869	168	166953	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	316529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	299510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	128194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	88535	53.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.480%	
35) Dibromofluoromethane	7.799	113	103320	51.943	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.880%	
50) Toluene-d8	10.269	98	388887	54.652	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.300%	
62) 4-Bromofluorobenzene	12.575	95	111861	48.594	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.180%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	1912	4.814	ug/l	87
20) Methylene Chloride	4.781	84	4648	Below Cal	#	83
25) 2-Butanone	7.081	43	1916	3.605	ug/l	# 72
31) Cyclohexane	7.869	56	3502	1.431	ug/l	# 7
36) 1,1-Dichloropropene	7.869	75	13454	5.176	ug/l	# 48
37) Ethyl Acetate	7.081	43	1916	1.648	ug/l	# 1
38) Carbon Tetrachloride	7.869	117	18092	7.269	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.275	43	1869	1.547	ug/l	# 1
76) 1,2,3-Trichloropropane	12.575	75	59905	49.138	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	59905	104.579	ug/l	# 17

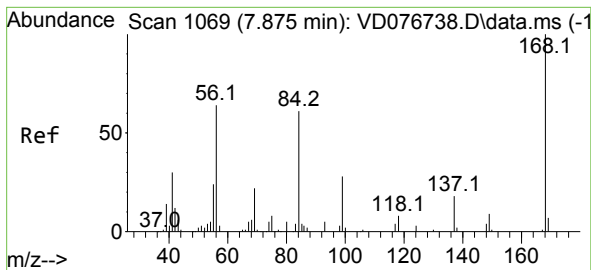
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.869 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD076864.D

Acq: 28 Jul 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

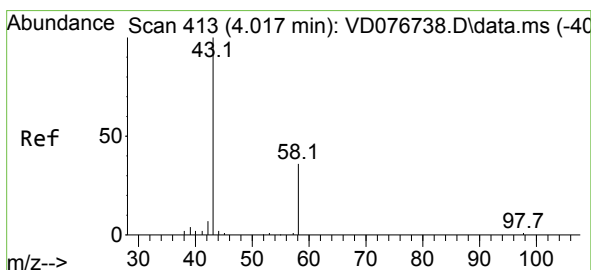
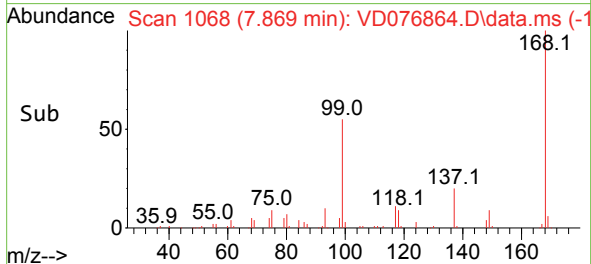
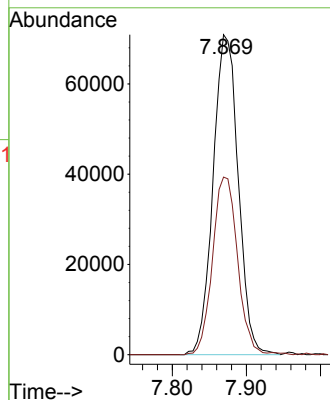
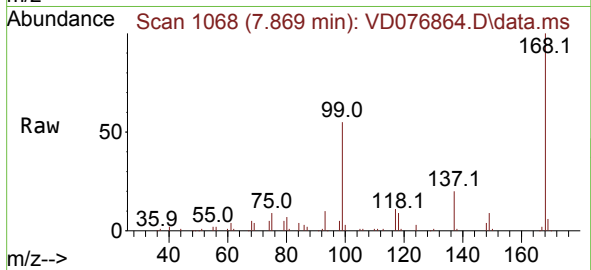
B-P08B

Tgt Ion:168 Resp: 166953

Ion Ratio Lower Upper

168 100

99 55.5 36.7 55.1#



#16

Acetone

Concen: 4.814 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.005 min

Lab File: VD076864.D

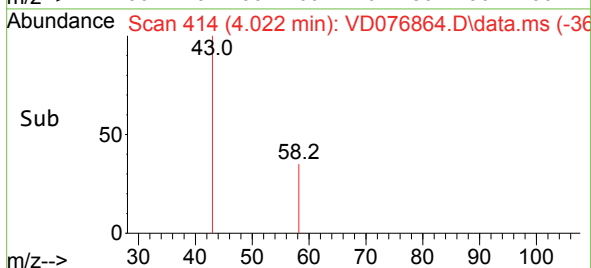
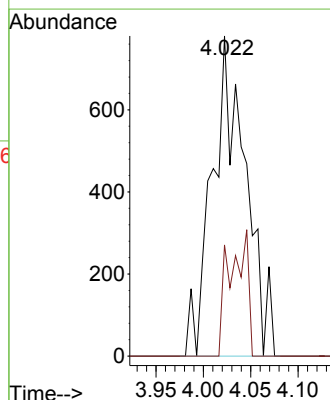
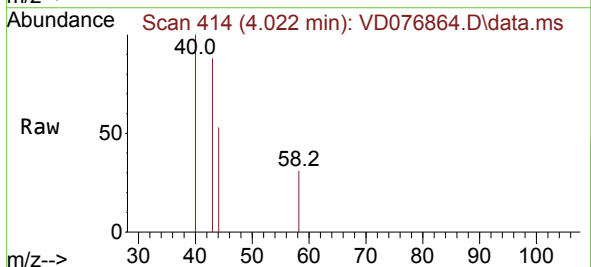
Acq: 28 Jul 2023 19:45

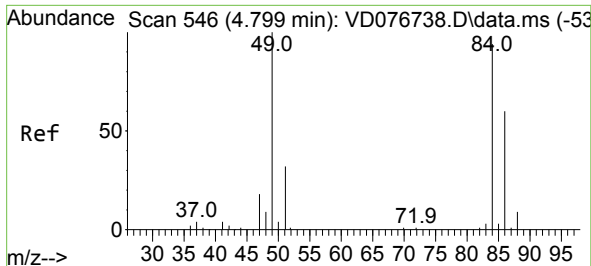
Tgt Ion: 43 Resp: 1912

Ion Ratio Lower Upper

43 100

58 34.7 34.7 52.1





#20

Methylene Chloride

Concen: Below Cal

RT: 4.781 min Scan# 546

Delta R.T. -0.018 min

Lab File: VD076864.D

Acq: 28 Jul 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

B-P08B

Tgt Ion: 84 Resp: 4648

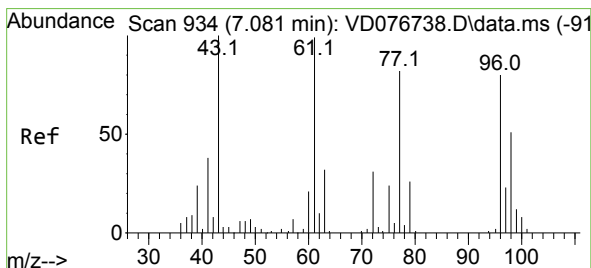
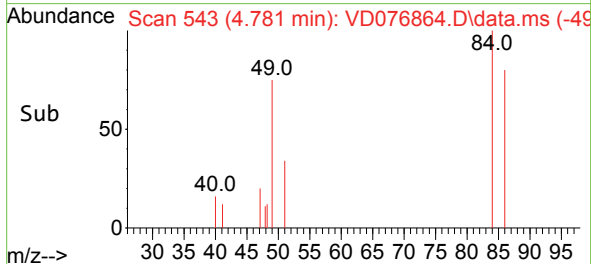
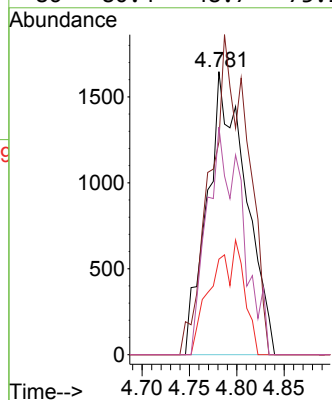
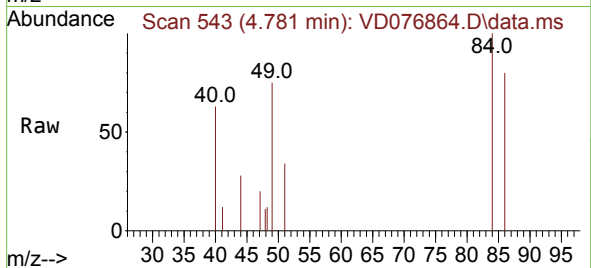
Ion Ratio Lower Upper

84 100

49 75.2 71.4 107.2

51 33.8 24.5 36.7

86 80.4 48.7 73.1#



#25

2-Butanone

Concen: 3.605 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD076864.D

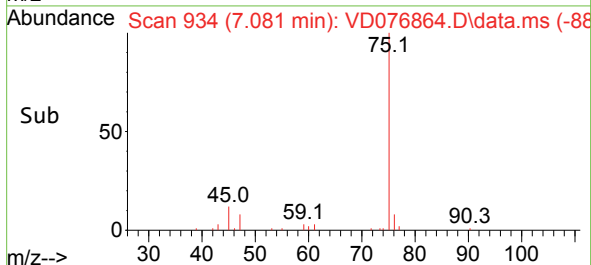
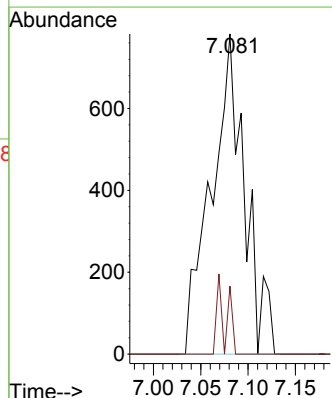
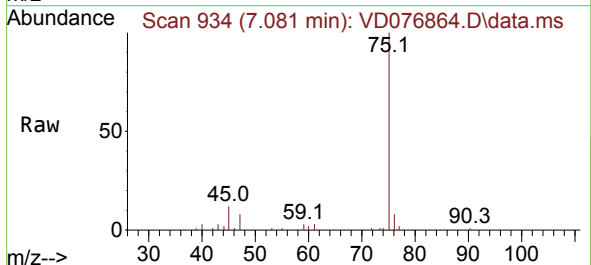
Acq: 28 Jul 2023 19:45

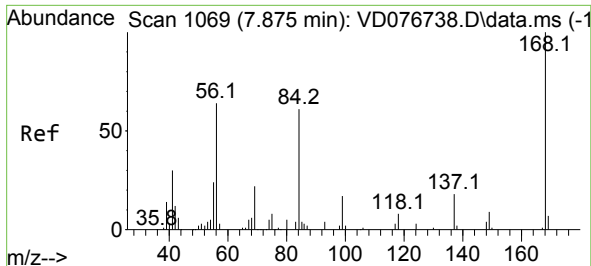
Tgt Ion: 43 Resp: 1916

Ion Ratio Lower Upper

43 100

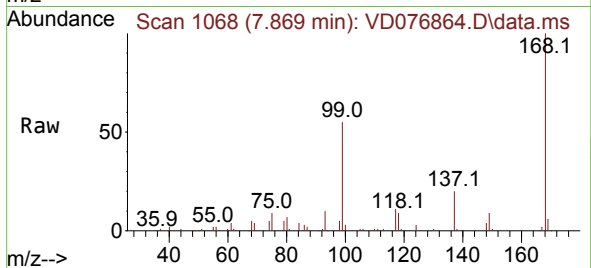
72 21.2 30.7 46.1#



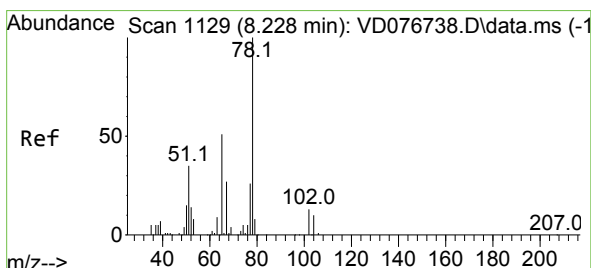
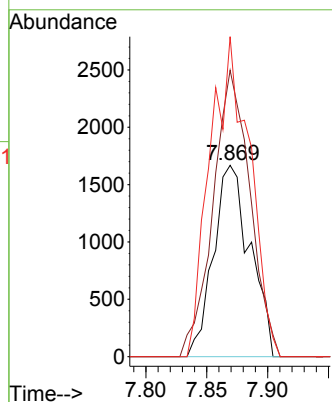
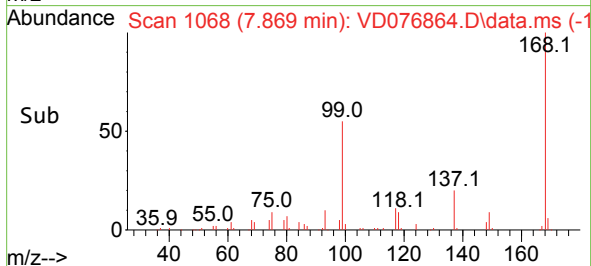


#31
Cyclohexane
Concen: 1.431 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076864.D
Acq: 28 Jul 2023 19:45

Instrument :
MSVOA_D
ClientSampleId :
B-P08B

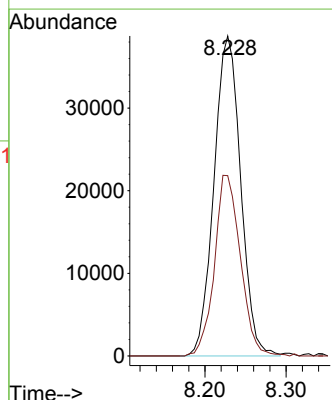
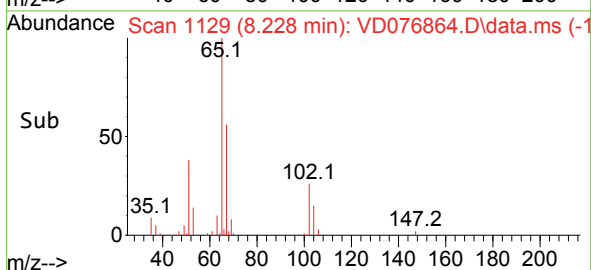
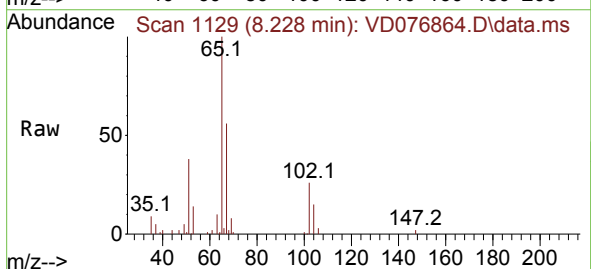


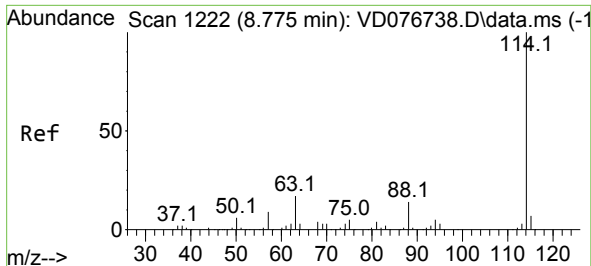
Tgt Ion: 56 Resp: 3502
Ion Ratio Lower Upper
56 100
69 149.6 28.6 43.0#
84 167.2 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 53.241 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076864.D
Acq: 28 Jul 2023 19:45

Tgt Ion: 65 Resp: 88535
Ion Ratio Lower Upper
65 100
67 54.9 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: VD076864.D

Acq: 28 Jul 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

B-P08B

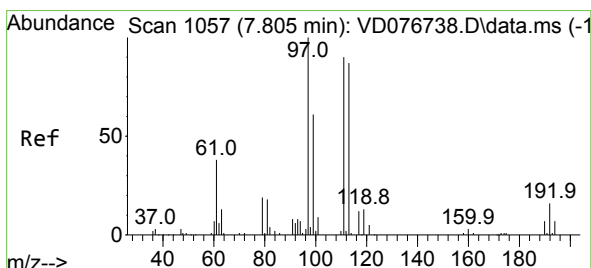
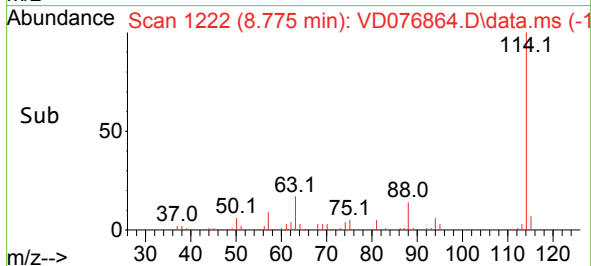
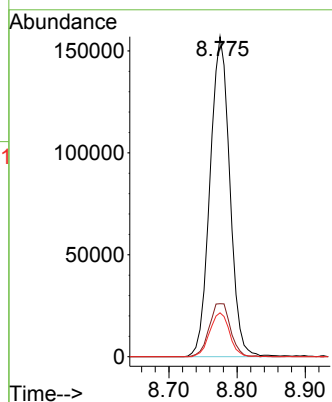
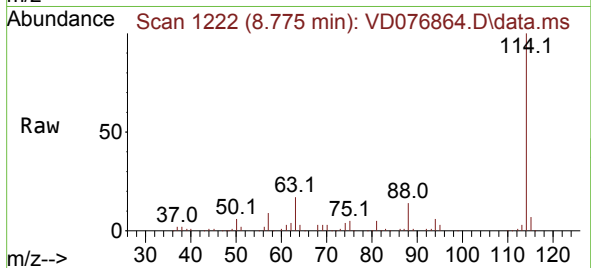
Tgt Ion:114 Resp: 316529

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

88 13.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.943 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076864.D

Acq: 28 Jul 2023 19:45

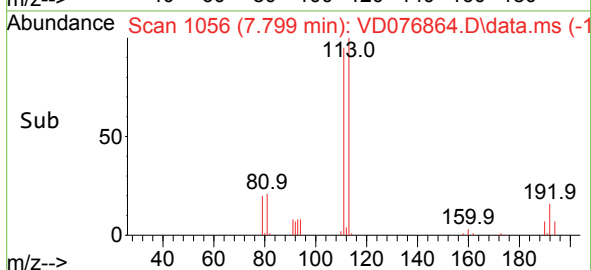
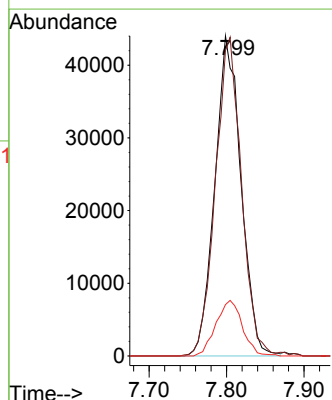
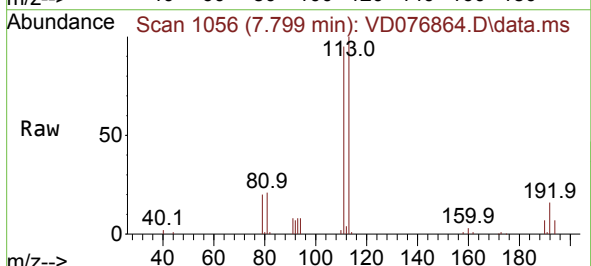
Tgt Ion:113 Resp: 103320

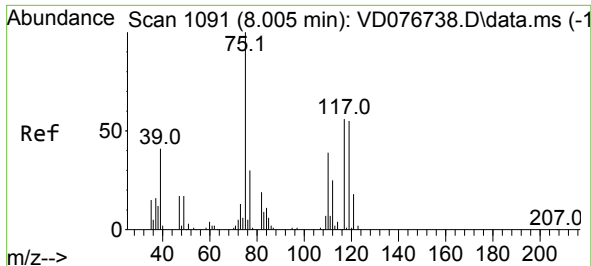
Ion Ratio Lower Upper

113 100

111 99.2 84.7 127.1

192 17.6 16.8 25.2

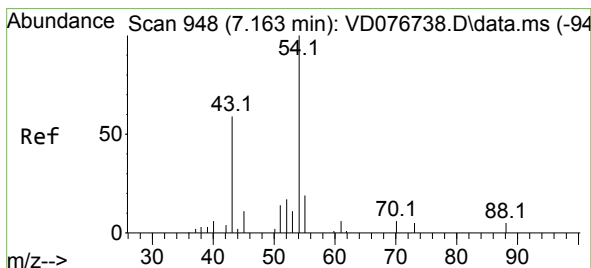
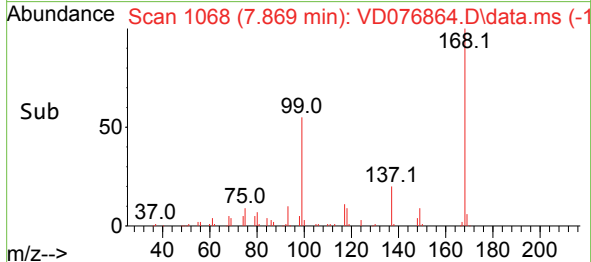
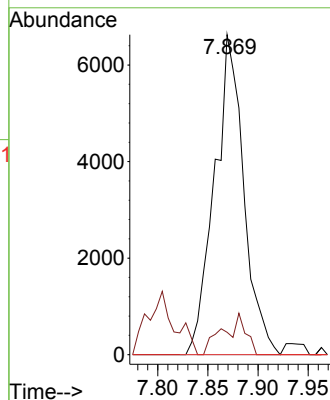
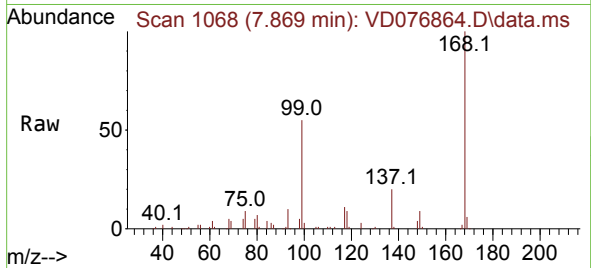




#36
1,1-Dichloropropene
Concen: 5.176 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VD076864.D
Acq: 28 Jul 2023 19:45

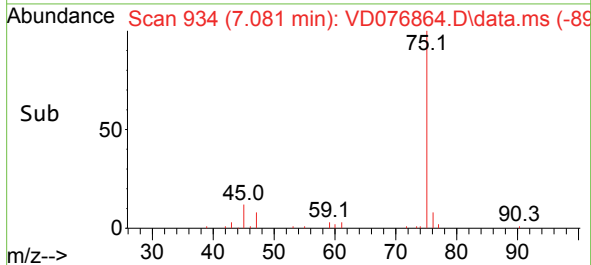
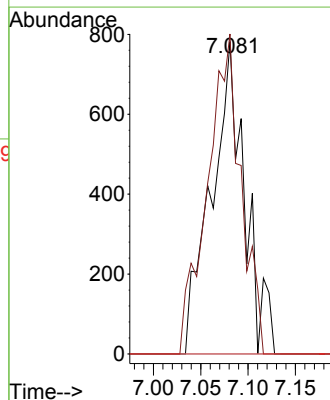
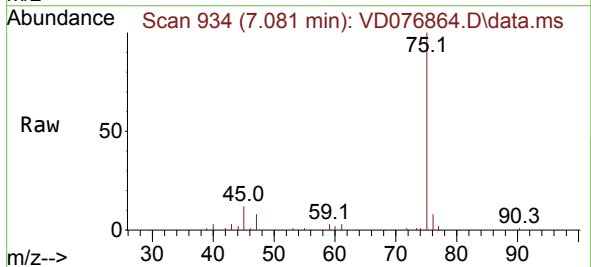
Instrument :
MSVOA_D
ClientSampleId :
B-P08B

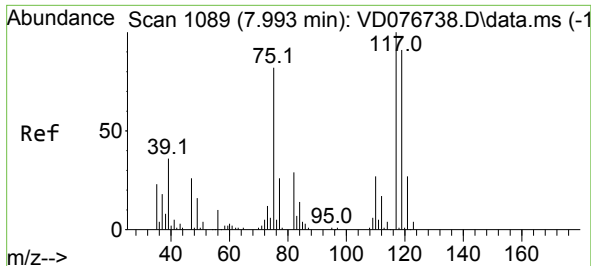
Tgt Ion: 75 Resp: 13454
Ion Ratio Lower Upper
75 100
110 10.0 19.9 59.6#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.648 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.082 min
Lab File: VD076864.D
Acq: 28 Jul 2023 19:45

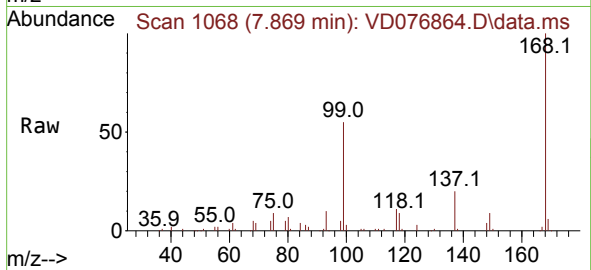
Tgt Ion: 43 Resp: 1916
Ion Ratio Lower Upper
43 100
61 103.5 14.9 22.3#
70 0.0 10.0 15.0#



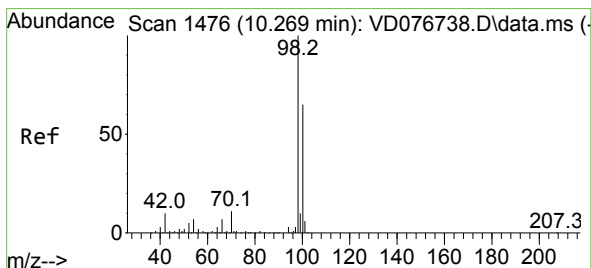
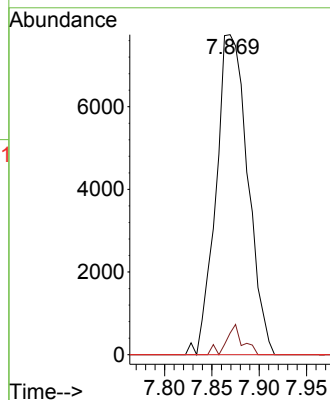
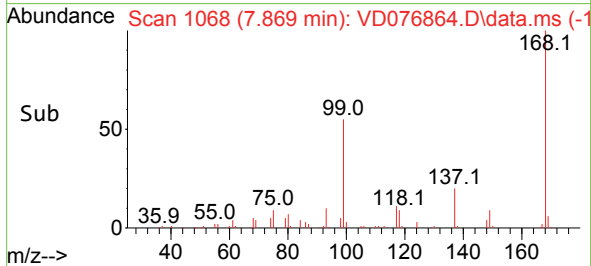


#38
Carbon Tetrachloride
Concen: 7.269 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076864.D
Acq: 28 Jul 2023 19:45

Instrument :
MSVOA_D
ClientSampleId :
B-P08B

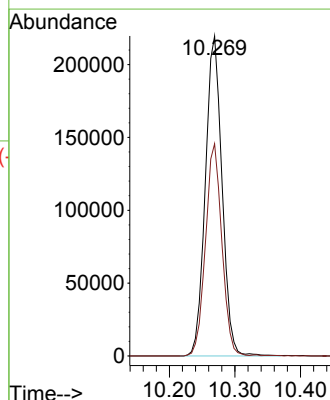
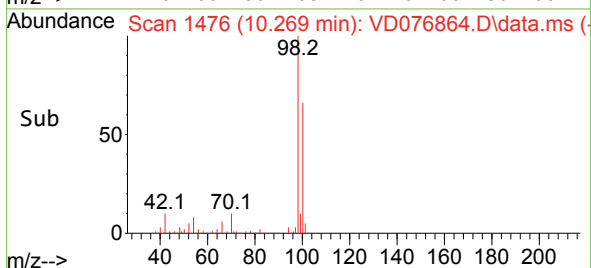
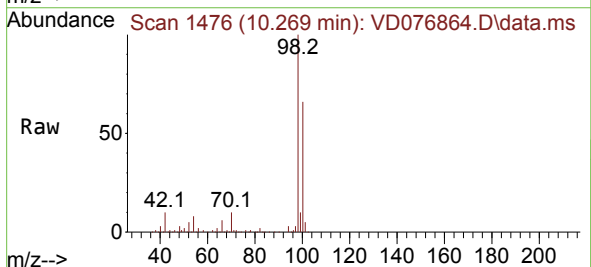


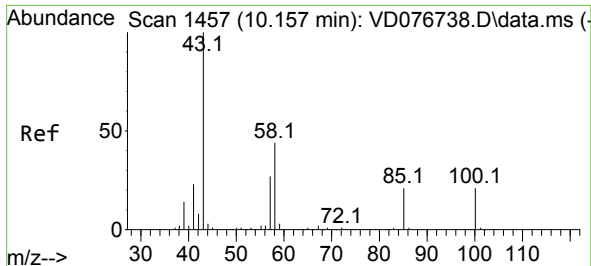
Tgt Ion:117 Resp: 18092
Ion Ratio Lower Upper
117 100
119 6.8 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 54.652 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076864.D
Acq: 28 Jul 2023 19:45

Tgt Ion: 98 Resp: 388887
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5

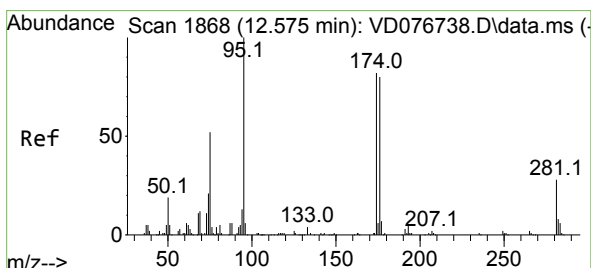
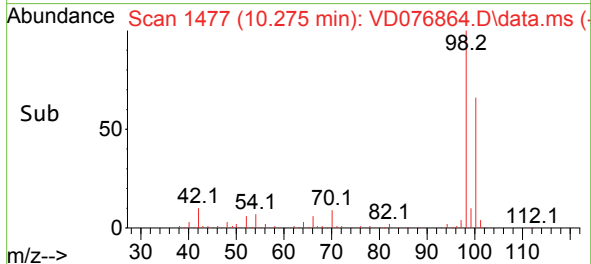
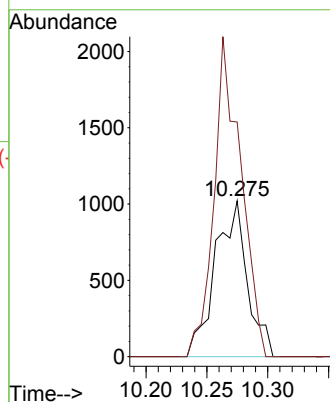
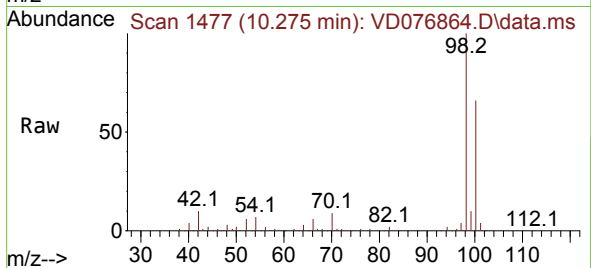




#51
4-Methyl-2-Pentanone
Concen: 1.547 ug/l
RT: 10.275 min Scan# 1457
Delta R.T. 0.118 min
Lab File: VD076864.D
Acq: 28 Jul 2023 19:45

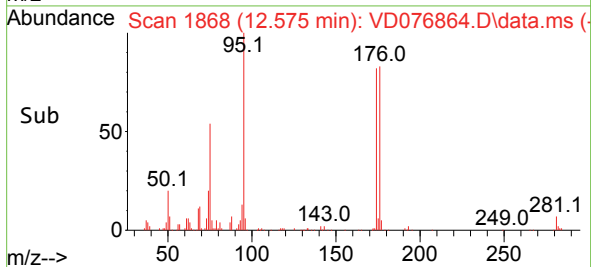
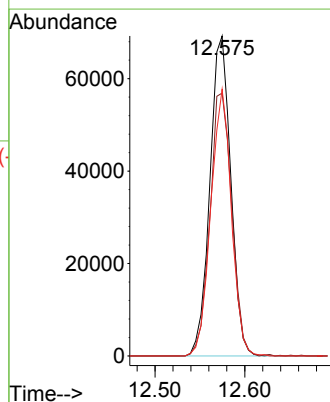
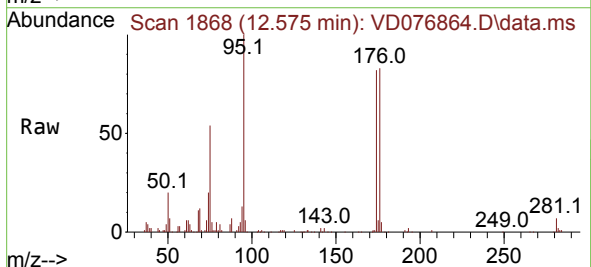
Instrument :
MSVOA_D
ClientSampleId :
B-P08B

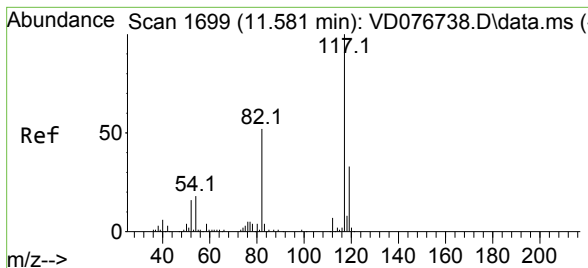
Tgt Ion: 43 Resp: 1869
Ion Ratio Lower Upper
43 100
58 173.4 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 48.594 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076864.D
Acq: 28 Jul 2023 19:45

Tgt Ion: 95 Resp: 111861
Ion Ratio Lower Upper
95 100
174 85.9 0.0 201.8
176 82.1 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: VD076864.D

Acq: 28 Jul 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

B-P08B

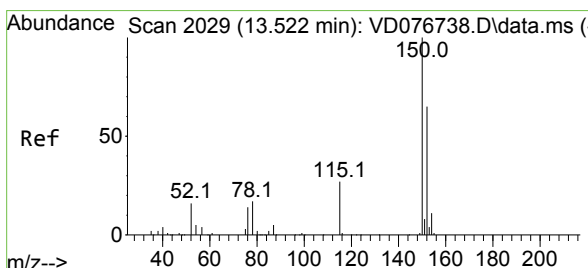
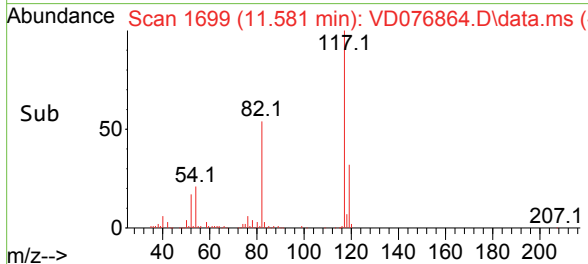
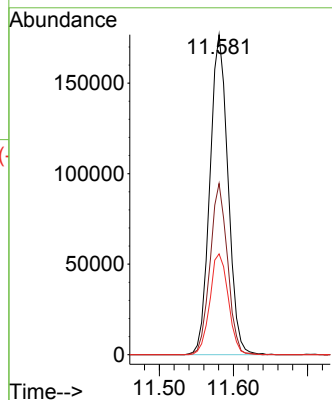
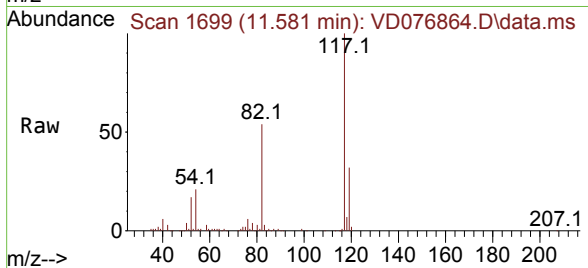
Tgt Ion:117 Resp: 299510

Ion Ratio Lower Upper

117 100

82 53.5 38.3 57.5

119 31.5 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: VD076864.D

Acq: 28 Jul 2023 19:45

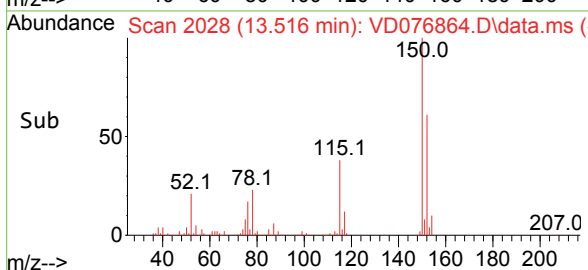
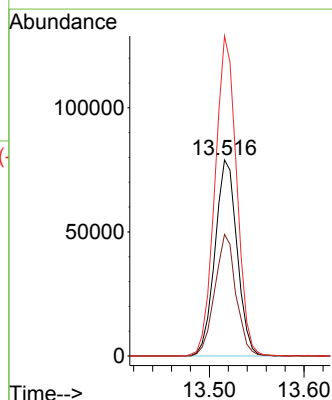
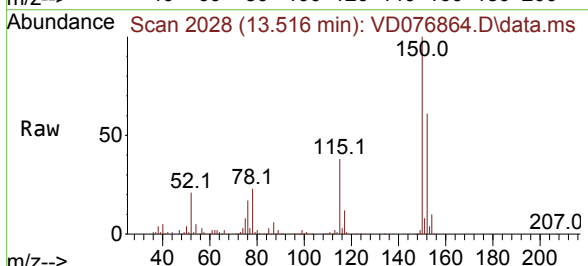
Tgt Ion:152 Resp: 128194

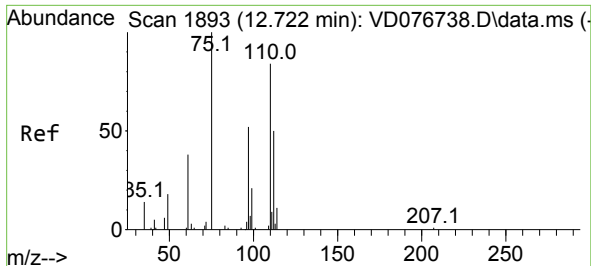
Ion Ratio Lower Upper

152 100

115 59.8 27.1 81.3

150 160.1 0.0 353.6

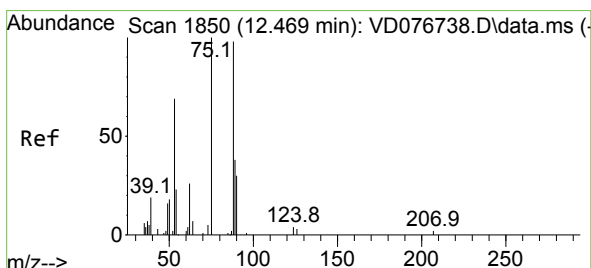
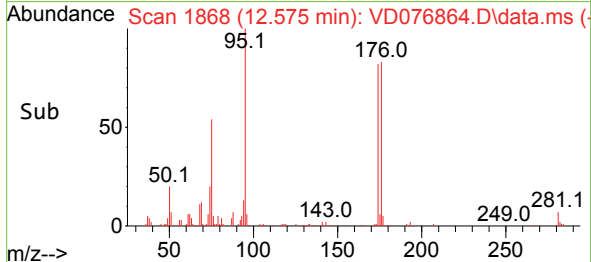
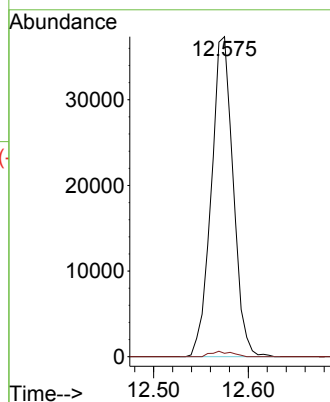
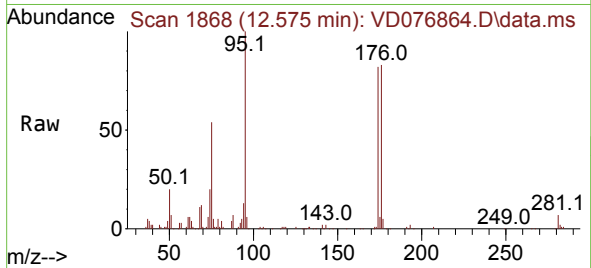




#76
1,2,3-Trichloropropane
Concen: 49.138 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076864.D
Acq: 28 Jul 2023 19:45

Instrument :
MSVOA_D
ClientSampleId :
B-P08B

Tgt Ion: 75 Resp: 59905
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.579 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076864.D
Acq: 28 Jul 2023 19:45

Tgt Ion: 75 Resp: 59905
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.1 37.9 56.9#

