

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017214.D
 Acq On : 03 Feb 2024 04:29
 Operator : SY/MD
 Sample : P1304-02
 Misc : 4.11g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BRIGHTON-WEST-8TH-STREET

Quant Time: Feb 03 05:11:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

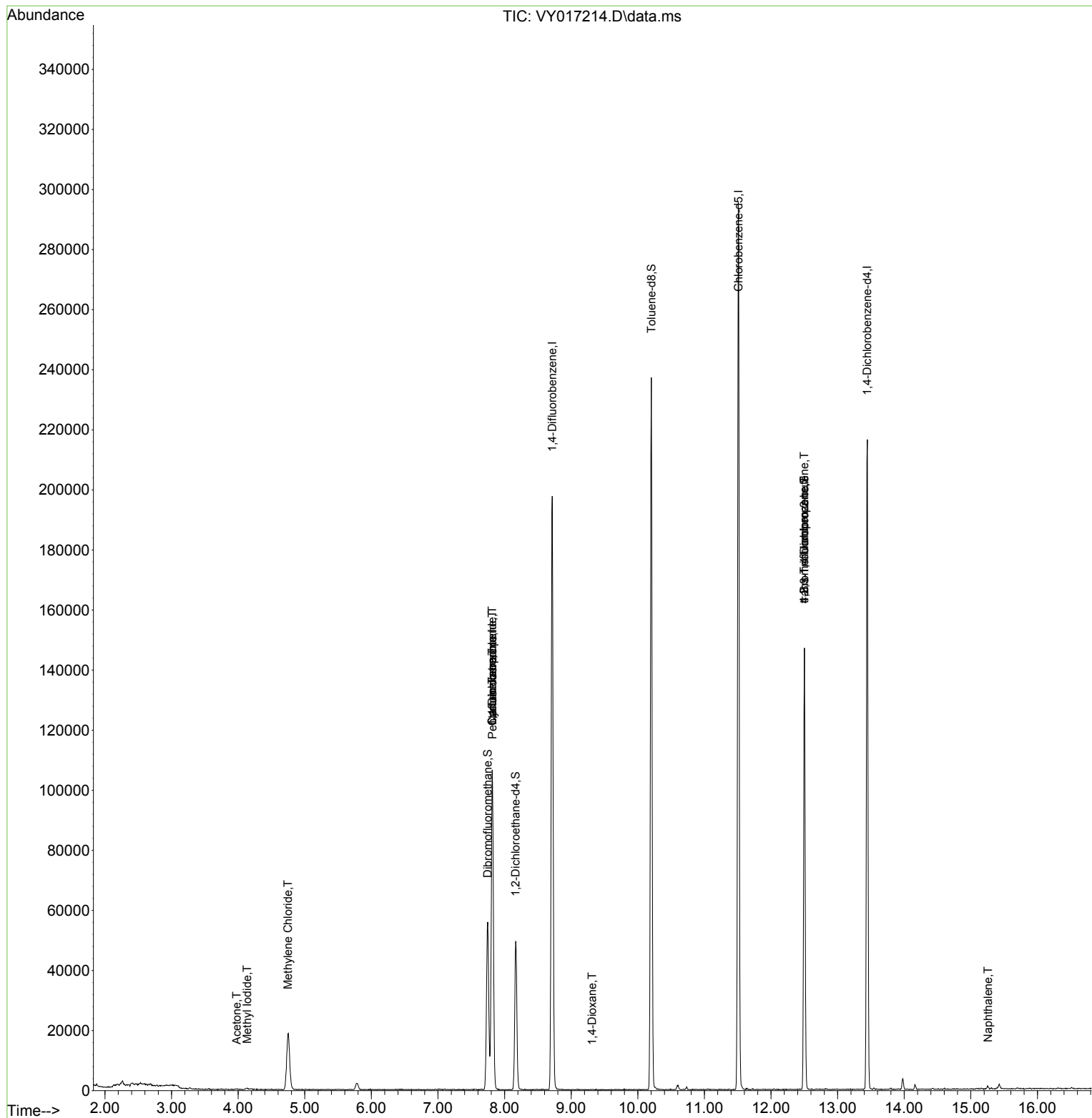
Internal Standards						
1) Pentafluorobenzene	7.819	168	79994	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	171427	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	164114	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	54860	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	37620	52.644	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.280%			
35) Dibromofluoromethane	7.746	113	40854	44.138	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.280%			
50) Toluene-d8	10.203	98	151188	44.863	ug/l	0.02
Spiked Amount 50.000	Range 58 - 134		Recovery = 89.720%			
62) 4-Bromofluorobenzene	12.501	95	44616	40.415	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery = 80.820%			
Target Compounds						Qvalue
10) Methyl Iodide	4.137	142	891	1.024	ug/l #	82
11) Tert butyl alcohol	5.003	59	46	Below Cal	#	75
16) Acetone	3.978	43	265	1.262	ug/l #	41
20) Methylene Chloride	4.747	84	14921	14.885	ug/l	94
31) Cyclohexane	7.813	56	1865	1.295	ug/l #	4
36) 1,1-Dichloropropene	7.813	75	6686	4.188	ug/l #	49
38) Carbon Tetrachloride	7.813	117	8311	5.437	ug/l #	16
49) 1,4-Dioxane	9.313	88	30	4.556	ug/l #	25
76) 1,2,3-Trichloropropane	12.501	75	22527	44.489	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	22527	92.442	ug/l #	12
95) Naphthalene	15.257	128	1170	4.176	ug/l #	83

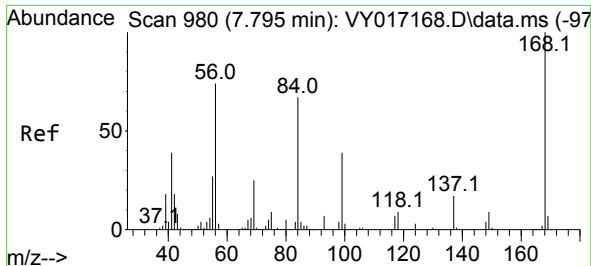
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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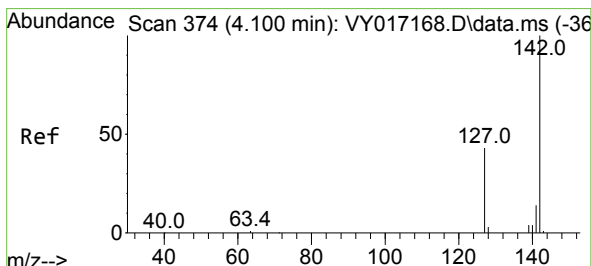
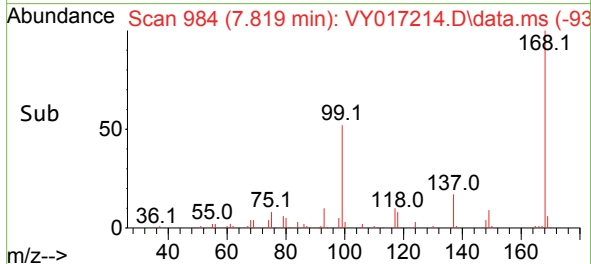
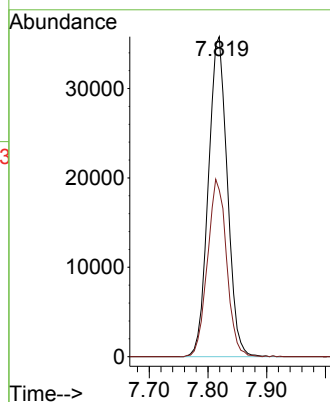
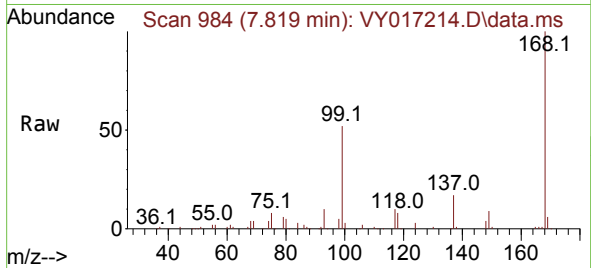




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017214.D
Acq: 03 Feb 2024 04:29

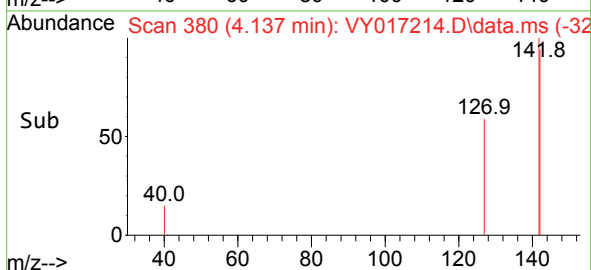
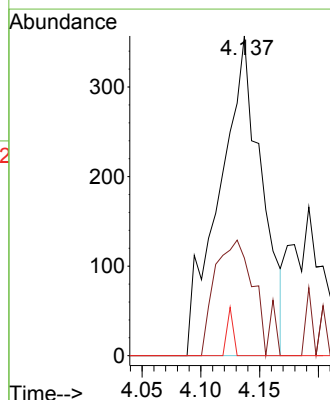
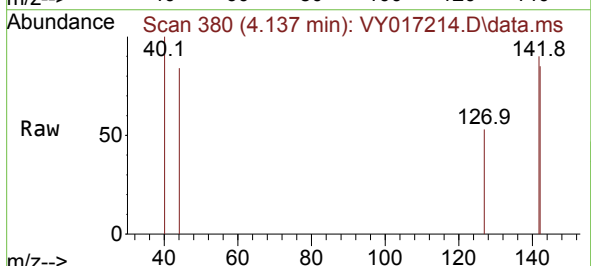
Instrument :
MSVOA_Y
ClientSampleId :
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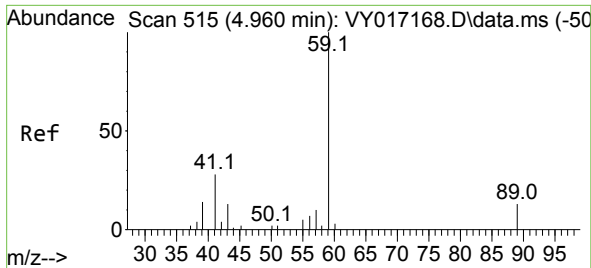
Tgt Ion:168 Resp: 79994
Ion Ratio Lower Upper
168 100
99 52.1 44.2 66.4



#10
Methyl Iodide
Concen: 1.024 ug/l
RT: 4.137 min Scan# 380
Delta R.T. 0.037 min
Lab File: VY017214.D
Acq: 03 Feb 2024 04:29

Tgt Ion:142 Resp: 891
Ion Ratio Lower Upper
142 100
127 34.6 35.1 52.7#
141 2.2 11.8 17.6#

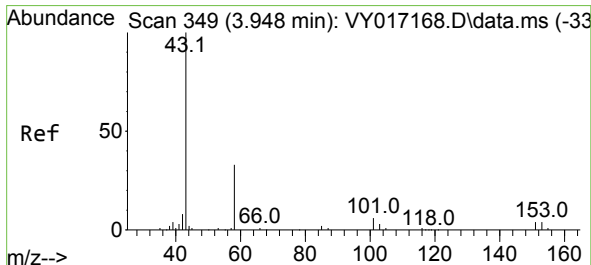
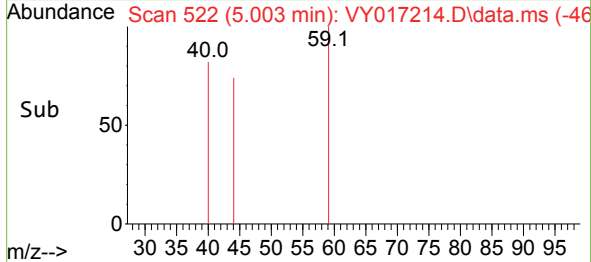
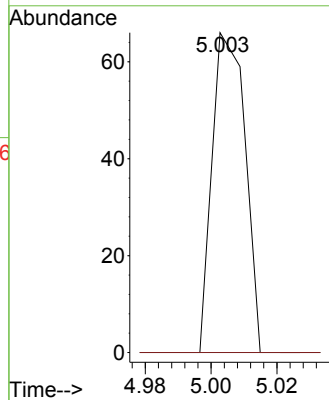
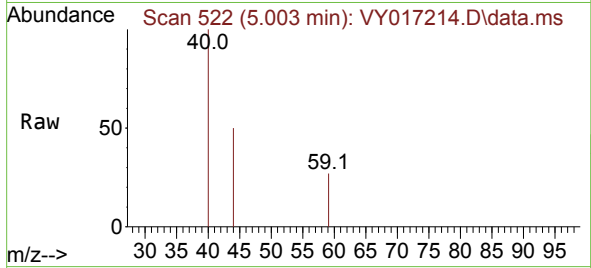




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.003 min Scan# 51
Delta R.T. 0.043 min
Lab File: VY017214.D
Acq: 03 Feb 2024 04:29

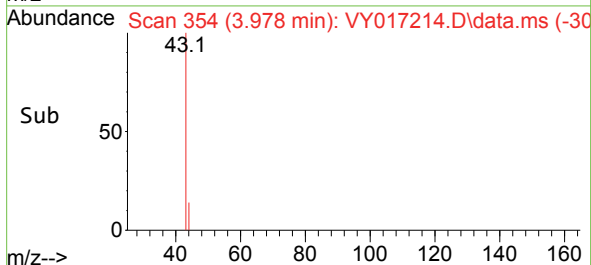
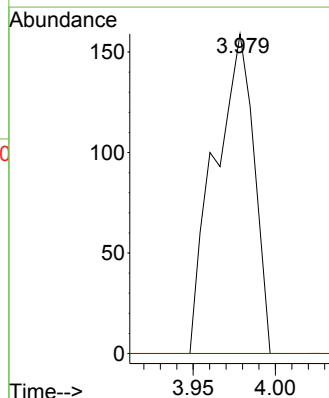
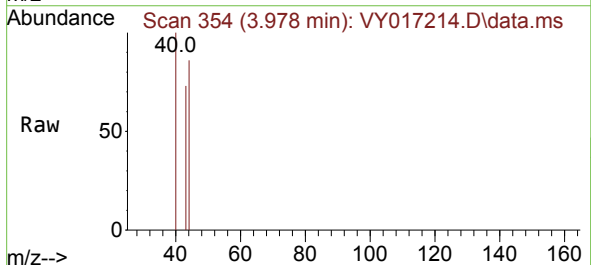
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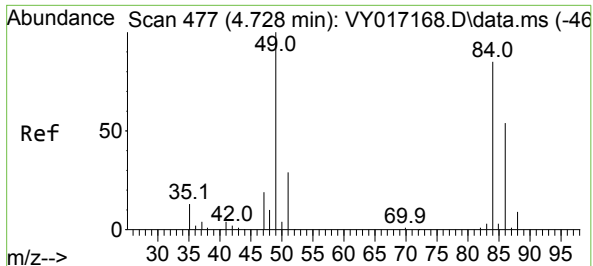
Tgt Ion: 59 Resp: 46
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#16
Acetone
Concen: 1.262 ug/l
RT: 3.978 min Scan# 354
Delta R.T. 0.031 min
Lab File: VY017214.D
Acq: 03 Feb 2024 04:29

Tgt Ion: 43 Resp: 265
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#

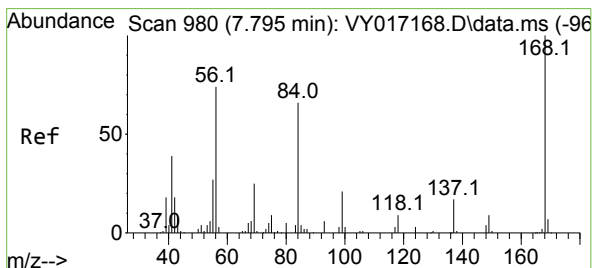
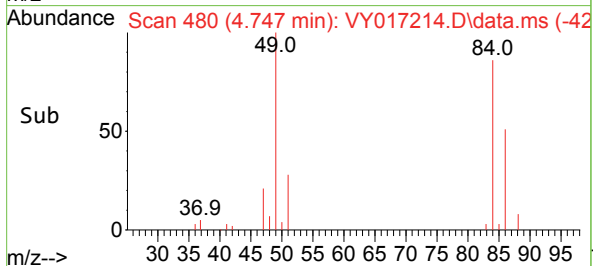
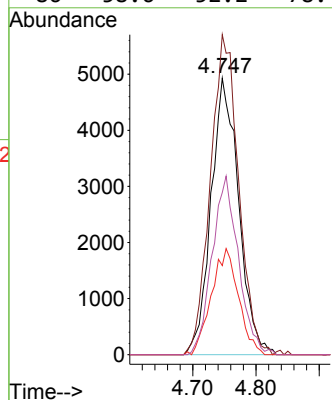
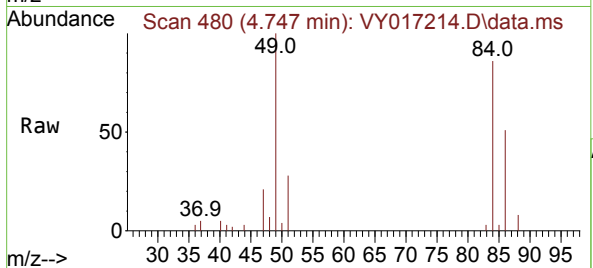




#20
Methylene Chloride
Concen: 14.885 ug/l
RT: 4.747 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY017214.D
Acq: 03 Feb 2024 04:29

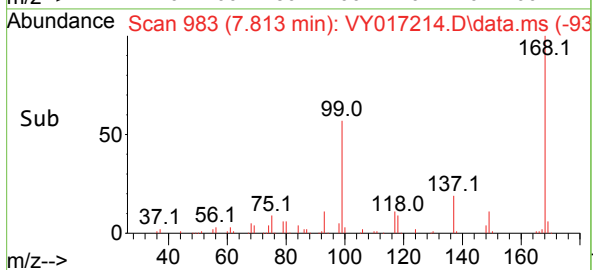
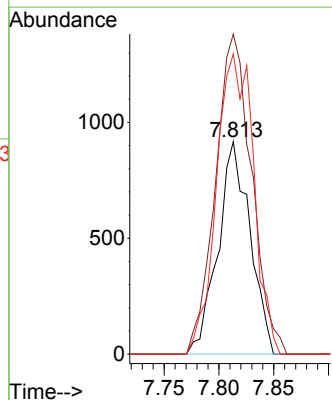
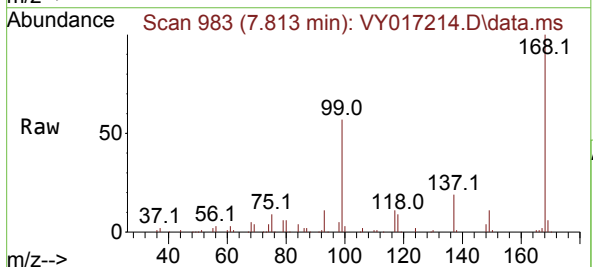
Instrument :
MSVOA_Y
ClientSampleId :
BRIGHTON-WEST-8TH-STREET

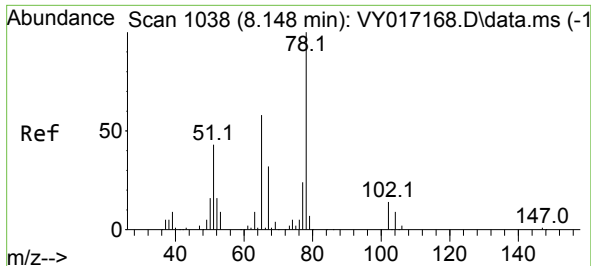
Tgt Ion: 84	Resp: 14921
Ion Ratio	Lower Upper
84 100	
49 115.7	95.2 142.8
51 32.2	29.9 44.9
86 58.6	52.2 78.4



#31
Cyclohexane
Concen: 1.295 ug/l
RT: 7.813 min Scan# 983
Delta R.T. 0.018 min
Lab File: VY017214.D
Acq: 03 Feb 2024 04:29

Tgt Ion: 56	Resp: 1865		
Ion Ratio	Lower	Upper	
56	100		
69	150.5	27.0	40.6#
84	141.2	71.8	107.6#





#33

1,2-Dichloroethane-d4

Concen: 52.644 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY017214.D

Acq: 03 Feb 2024 04:29

Instrument :

MSVOA_Y

ClientSampleId :

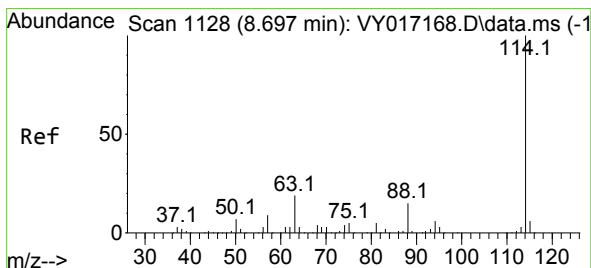
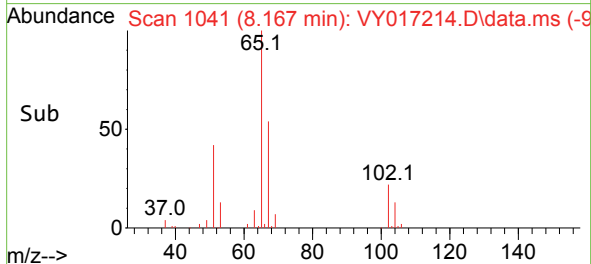
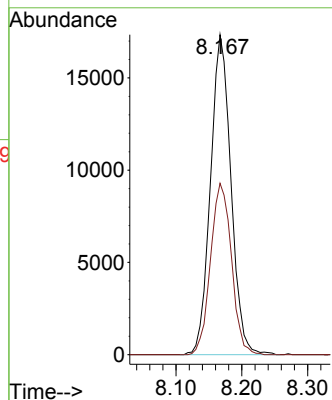
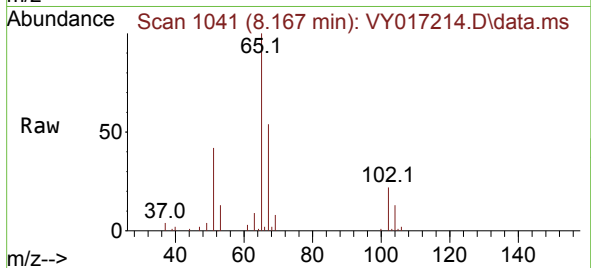
BRIGHTON-WEST-8TH-STREET

Tgt Ion: 65 Resp: 37620

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.715 min Scan# 1131

Delta R.T. 0.019 min

Lab File: VY017214.D

Acq: 03 Feb 2024 04:29

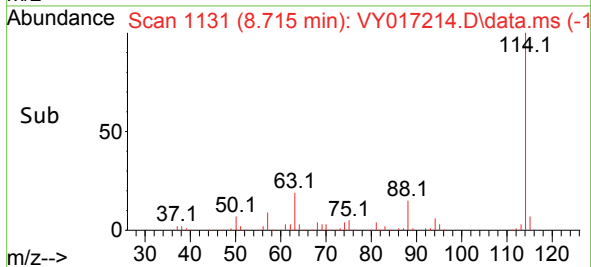
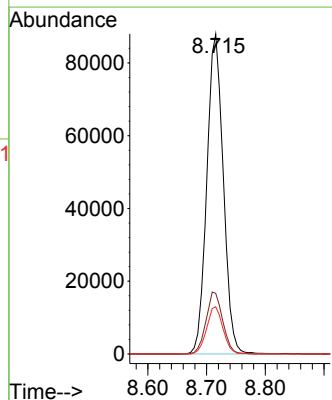
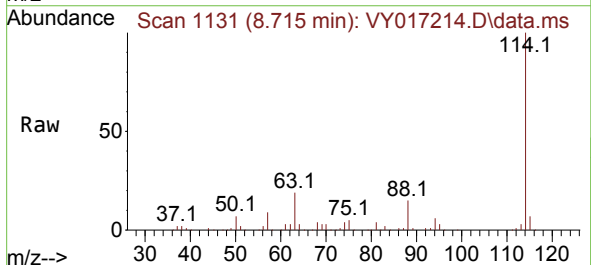
Tgt Ion: 114 Resp: 171427

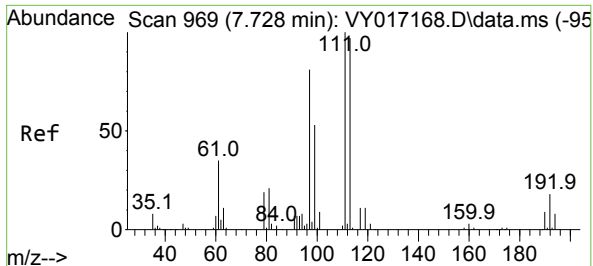
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 14.8 0.0 29.0

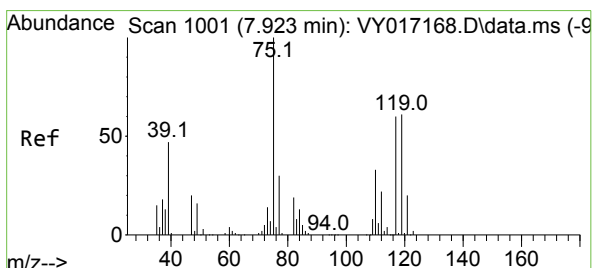
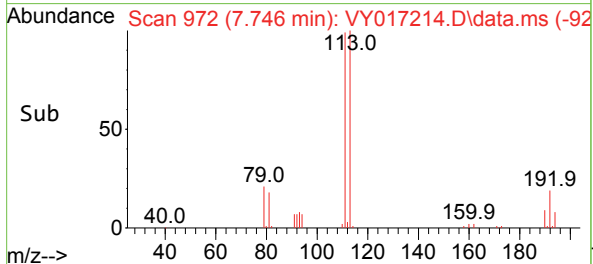
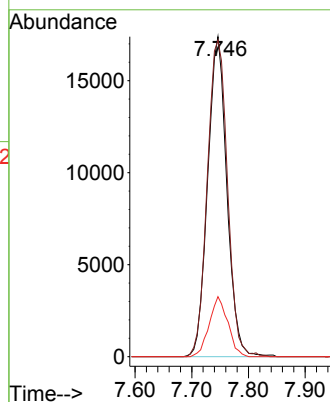
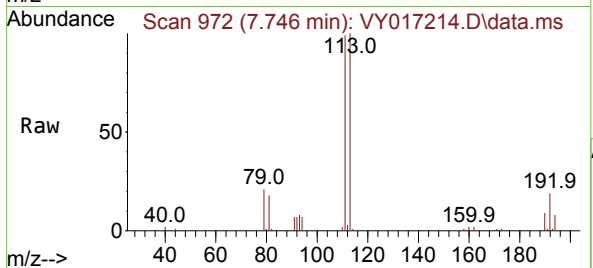




#35
Dibromofluoromethane
Concen: 44.138 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017214.D
Acq: 03 Feb 2024 04:29

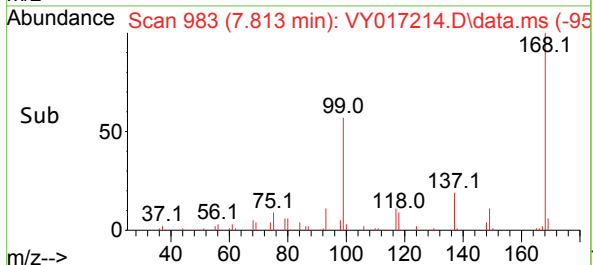
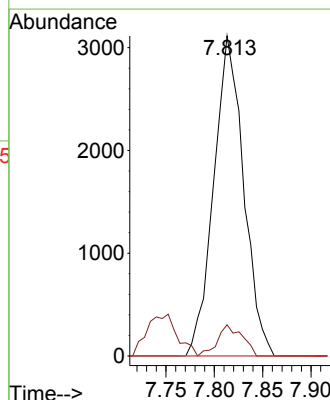
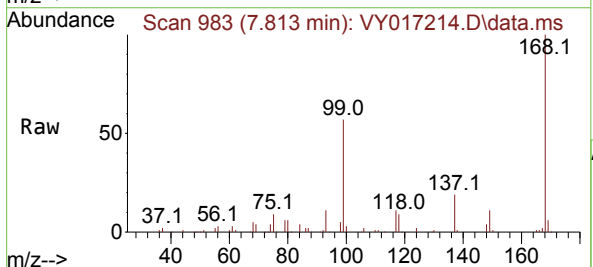
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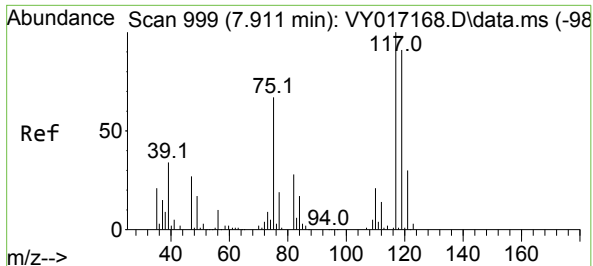
Tgt Ion:113 Resp: 40854
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 18.3 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.188 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY017214.D
Acq: 03 Feb 2024 04:29

Tgt Ion: 75 Resp: 6686
Ion Ratio Lower Upper
75 100
110 8.0 17.4 52.3#
77 0.0 24.7 37.1#

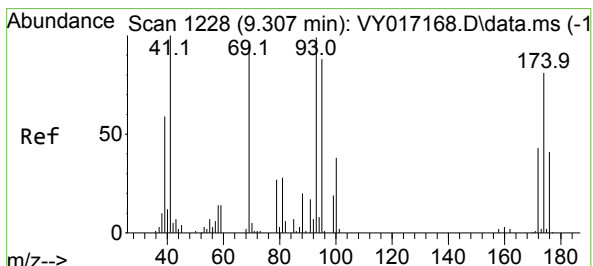
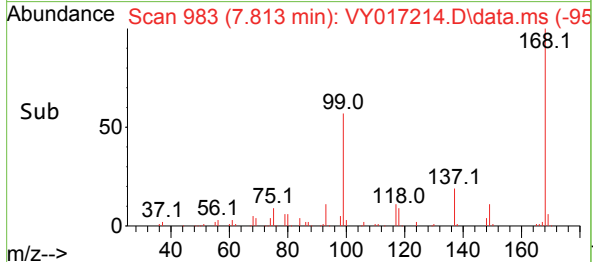
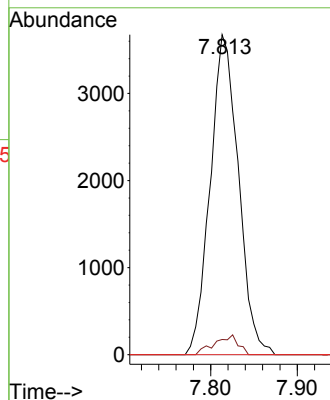
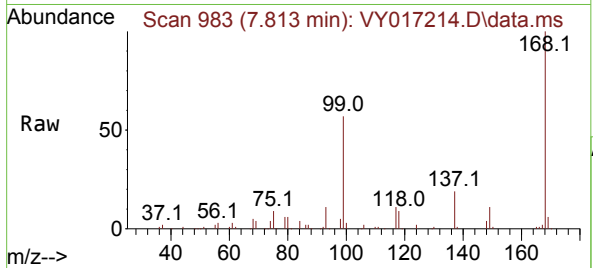




#38
Carbon Tetrachloride
Concen: 5.437 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY017214.D
Acq: 03 Feb 2024 04:29

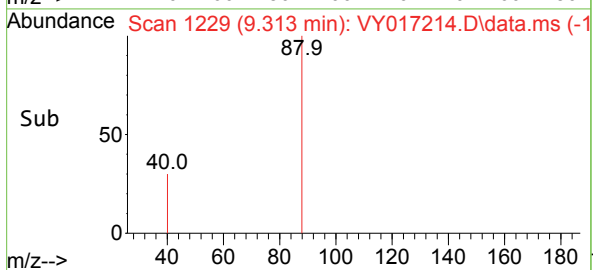
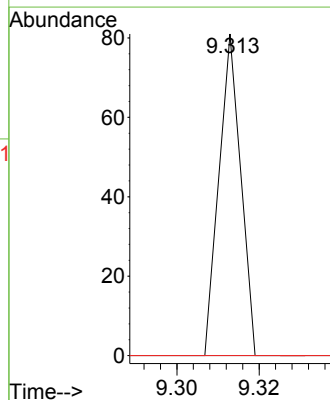
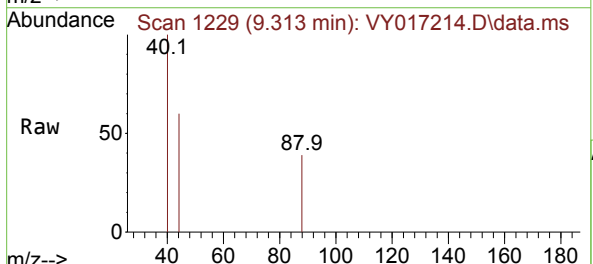
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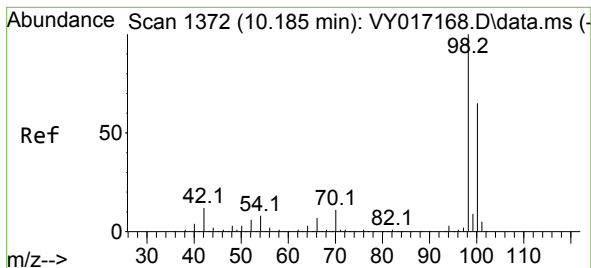
Tgt Ion:117 Resp: 8311
Ion Ratio Lower Upper
117 100
119 4.7 76.0 114.0#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 4.556 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY017214.D
Acq: 03 Feb 2024 04:29

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 0.0 28.2 42.4#
58 0.0 52.2 78.2#





#50

Toluene-d8

Concen: 44.863 ug/l

RT: 10.203 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017214.D

Acq: 03 Feb 2024 04:29

Instrument :

MSVOA_Y

ClientSampleId :

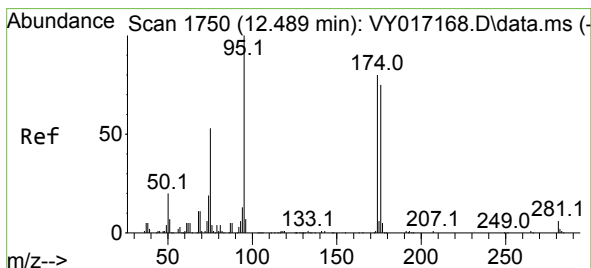
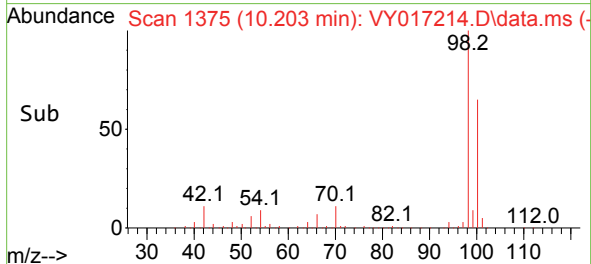
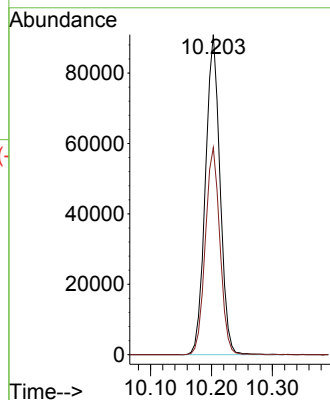
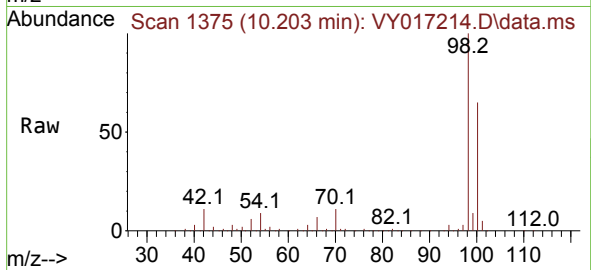
BRIGHTON-WEST-8TH-STREET

Tgt Ion: 98 Resp: 151188

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 40.415 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY017214.D

Acq: 03 Feb 2024 04:29

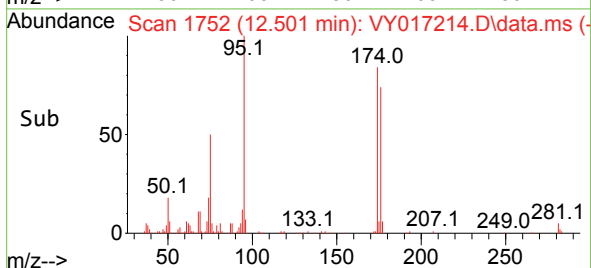
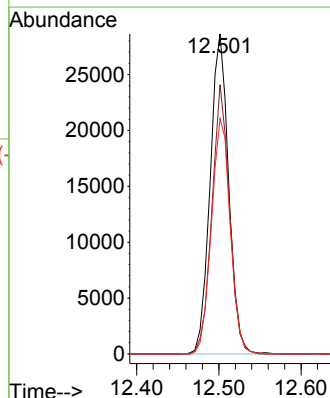
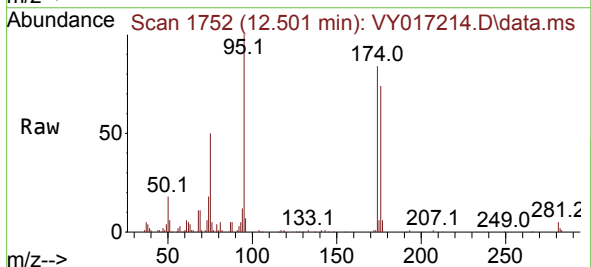
Tgt Ion: 95 Resp: 44616

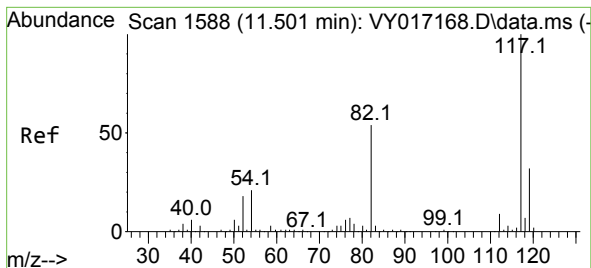
Ion Ratio Lower Upper

95 100

174 80.6 0.0 160.0

176 74.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017214.D

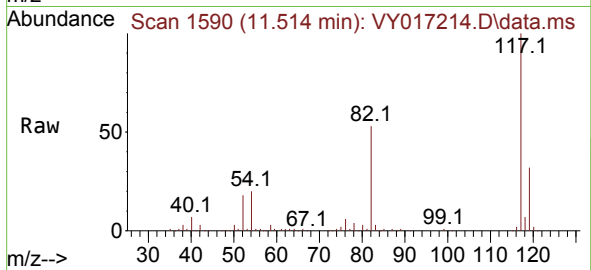
Acq: 03 Feb 2024 04:29

Instrument :

MSVOA_Y

ClientSampleId :

BRIGHTON-WEST-8TH-STREET



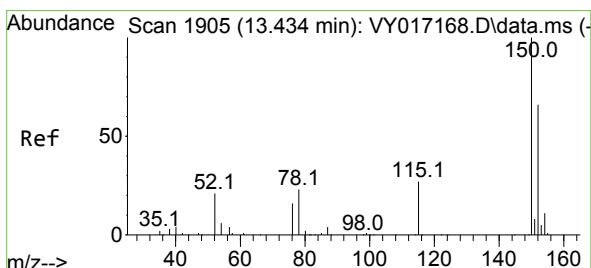
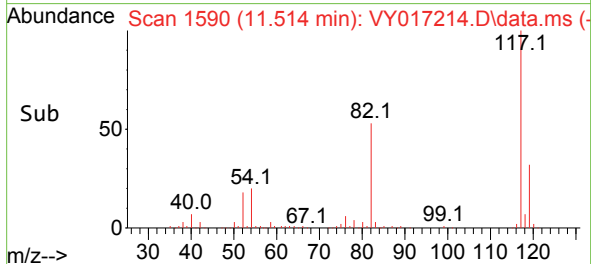
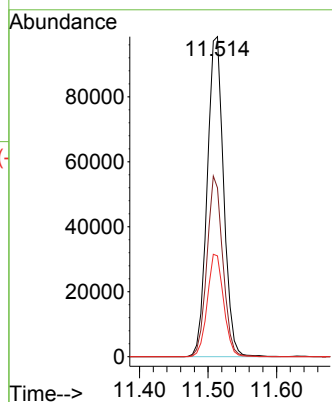
Tgt Ion:117 Resp: 164114

Ion Ratio Lower Upper

117 100

82 52.7 43.8 65.8

119 31.5 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY017214.D

Acq: 03 Feb 2024 04:29

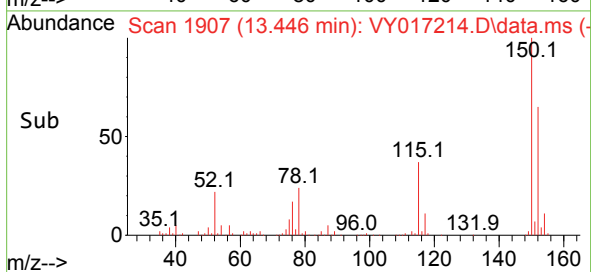
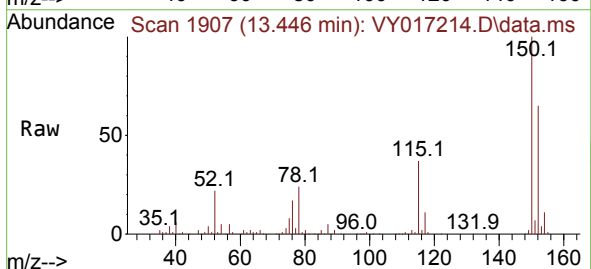
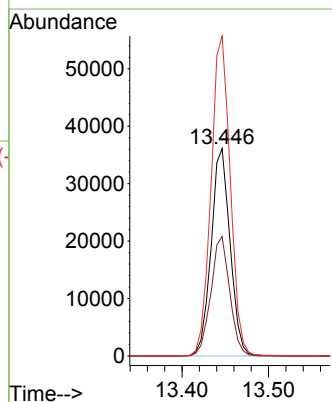
Tgt Ion:152 Resp: 54860

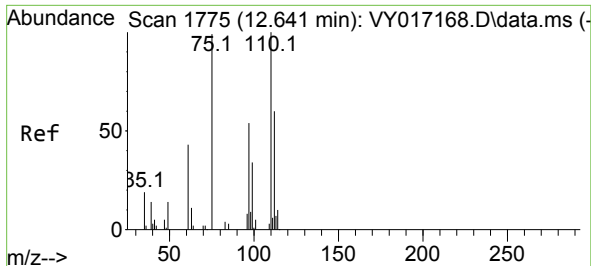
Ion Ratio Lower Upper

152 100

115 57.4 30.0 90.0

150 156.5 0.0 344.6

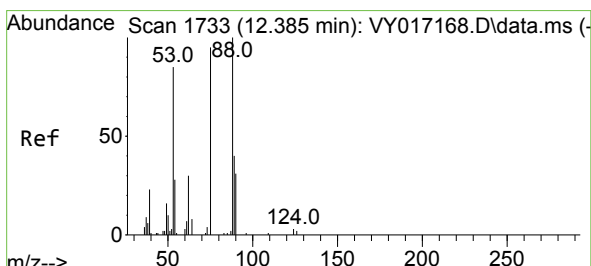
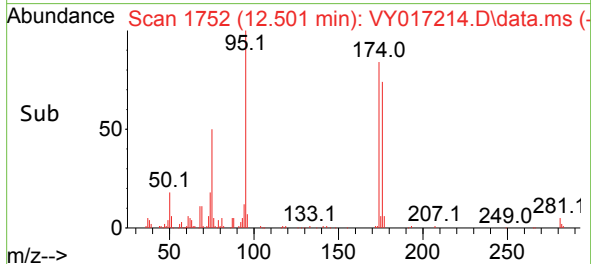
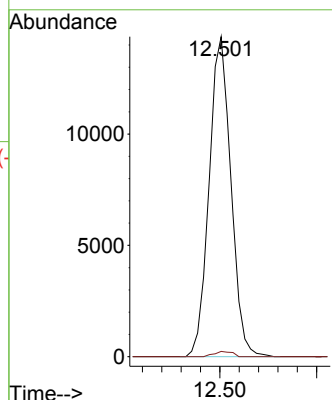
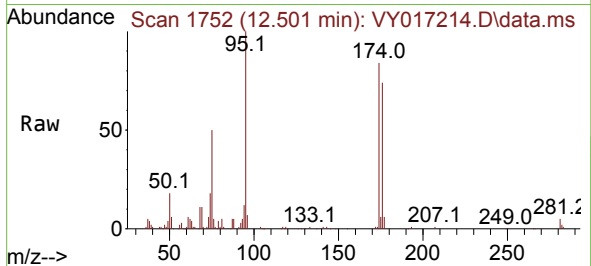




#76
1,2,3-Trichloropropane
Concen: 44.489 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. -0.140 min
Lab File: VY017214.D
Acq: 03 Feb 2024 04:29

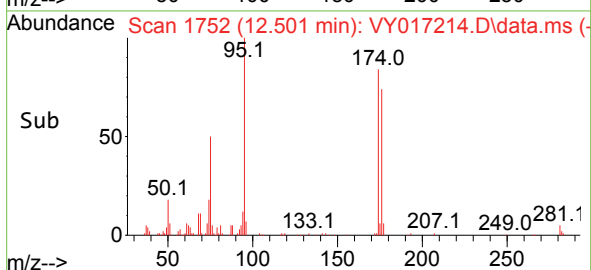
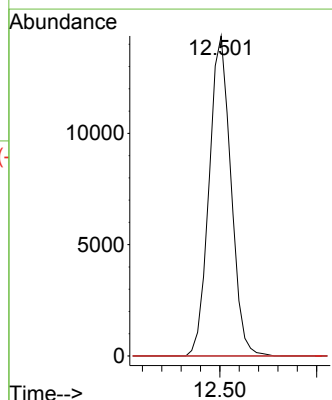
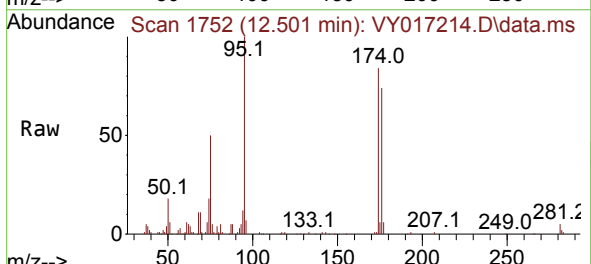
Instrument :
MSVOA_Y
ClientSampleId :
BRIGHTON-WEST-8TH-STREET

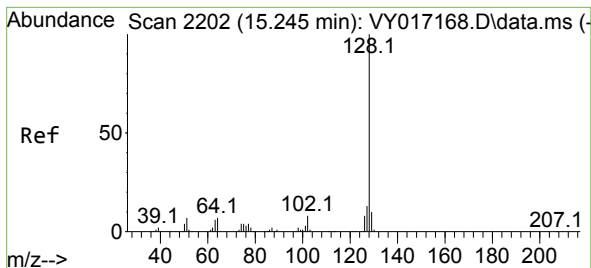
Tgt Ion: 75 Resp: 22527
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.442 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.116 min
Lab File: VY017214.D
Acq: 03 Feb 2024 04:29

Tgt Ion: 75 Resp: 22527
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95

Naphthalene

Concen: 4.176 ug/l

RT: 15.257 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY017214.D

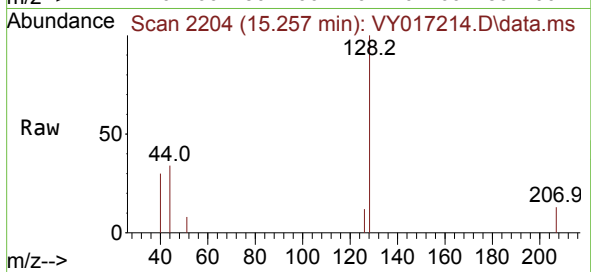
Acq: 03 Feb 2024 04:29

Instrument :

MSVOA_Y

ClientSampleId :

BRIGHTON-WEST-8TH-STREET



Tgt Ion:128 Resp: 1170

Ion Ratio Lower Upper

128 100

127 5.0 10.2 15.4#

129 5.3 8.6 12.8#

