

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012658.D
 Acq On : 17 Feb 2023 18:03
 Operator : KP/MD
 Sample : 01586-09
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-5

Quant Time: Feb 17 22:48:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 18:08:19 2023
 Response via : Initial Calibration

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

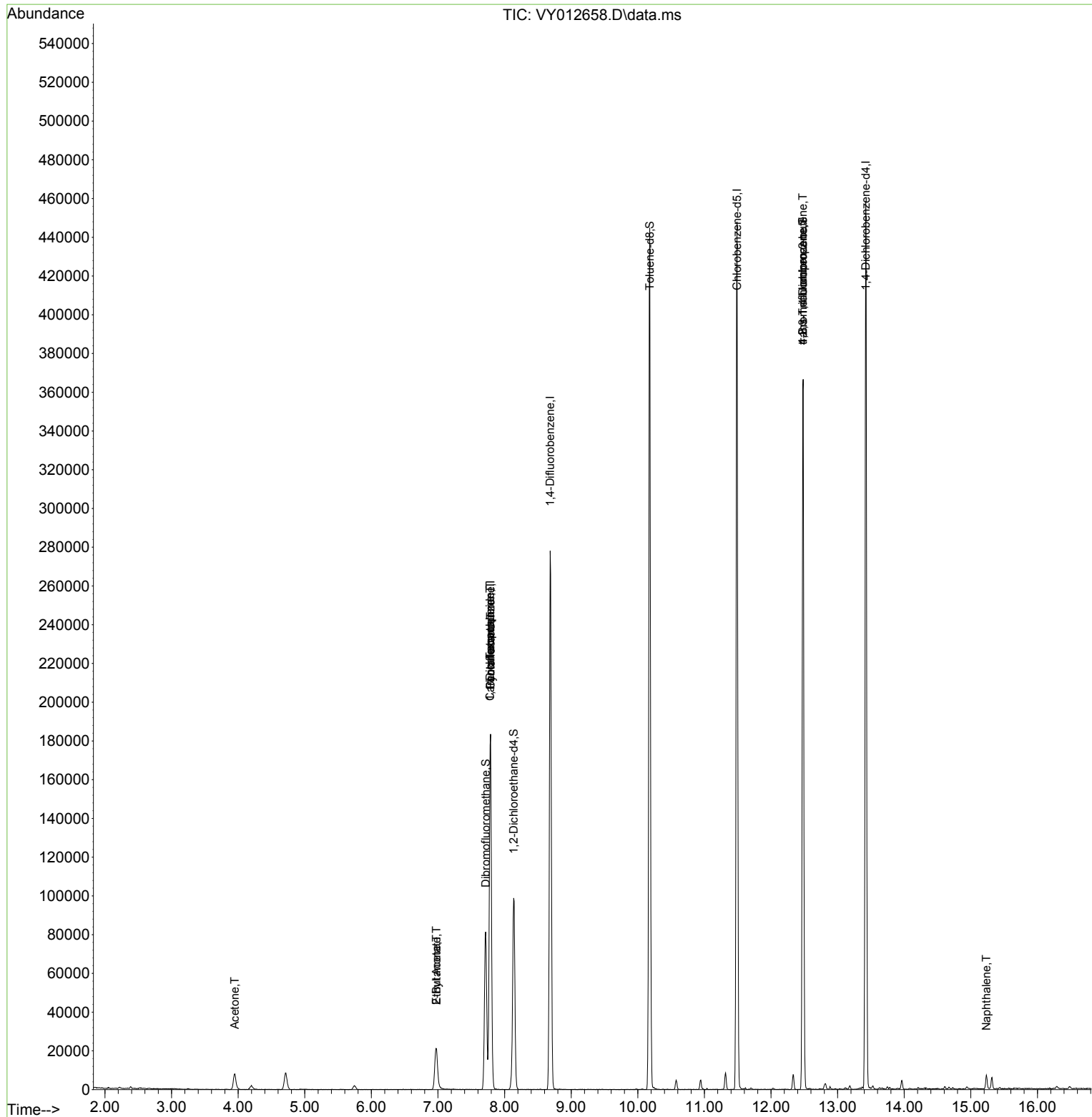
Internal Standards						
1) Pentafluorobenzene	7.789	168	149921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	250315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	255967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83920	44.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.040%
35) Dibromofluoromethane	7.716	113	55810	30.615	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	61.240%
50) Toluene-d8	10.179	98	296888	39.128	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.260%
62) 4-Bromofluorobenzene	12.477	95	102966	38.905	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.820%
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	27	Below Cal	#	3
11) Tert butyl alcohol	4.960	59	372	Below Cal	#	75
16) Acetone	3.948	43	14109	30.749	ug/l	88
25) 2-Butanone	6.978	43	2179	4.280	ug/l	99
31) Cyclohexane	7.789	56	2634	1.195	ug/l	# 18
36) 1,1-Dichloropropene	7.783	75	9573	3.880	ug/l	# 48
37) Ethyl Acetate	6.978	43	2179	1.957	ug/l	# 46
38) Carbon Tetrachloride	7.783	117	14667	4.429	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	55336	38.783	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	55336	87.457	ug/l	# 12
95) Naphthalene	15.233	128	6633	1.244	ug/l	99

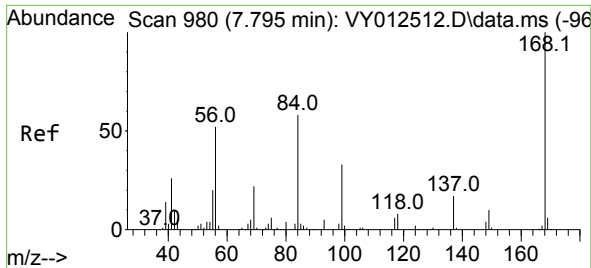
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
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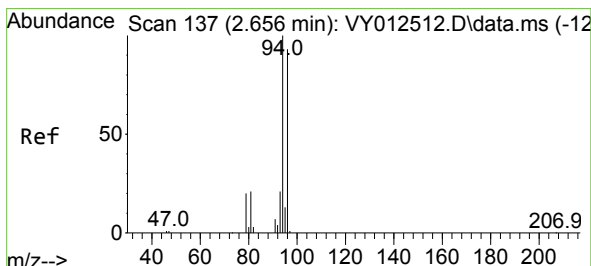
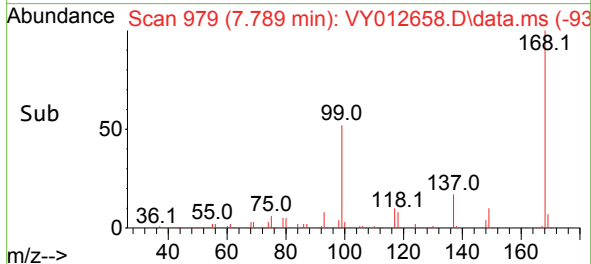
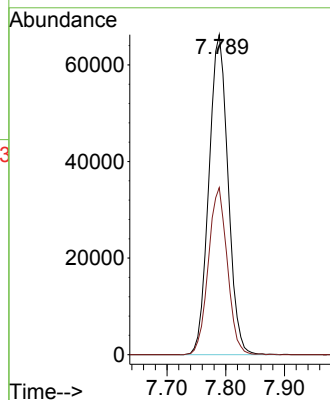
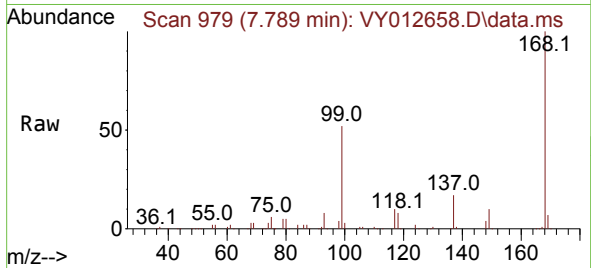




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012658.D
Acq: 17 Feb 2023 18:03

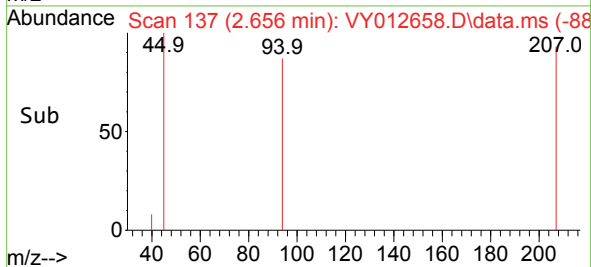
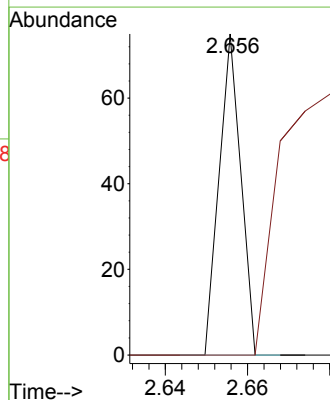
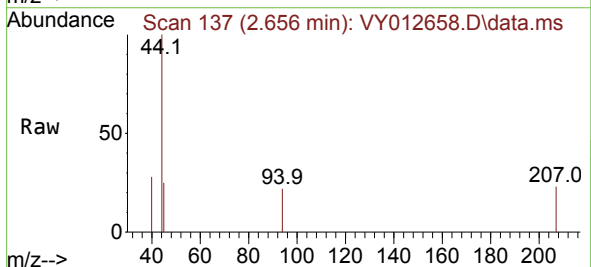
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

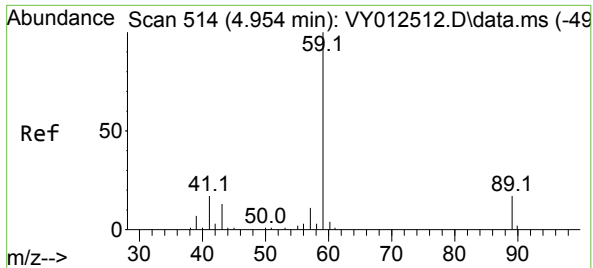
Tgt Ion:168 Resp: 149921
Ion Ratio Lower Upper
168 100
99 52.2 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY012658.D
Acq: 17 Feb 2023 18:03

Tgt Ion: 94 Resp: 27
Ion Ratio Lower Upper
94 100
96 0.0 74.7 112.1#

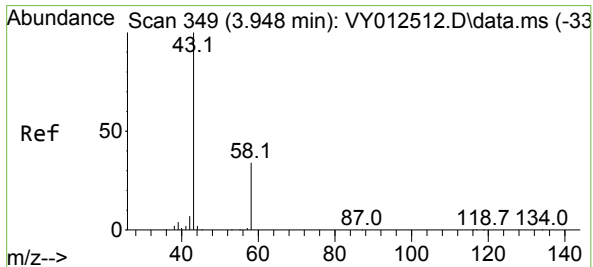
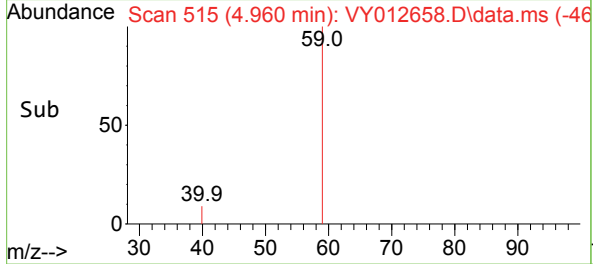
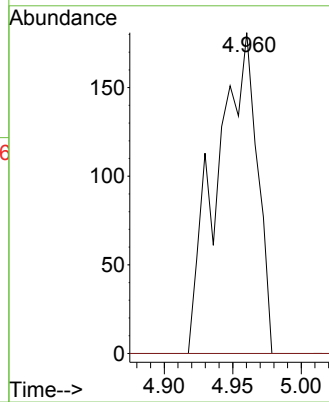
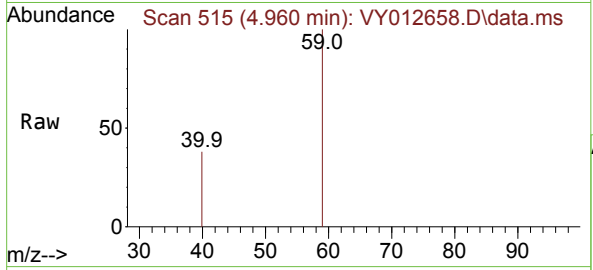




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY012658.D
Acq: 17 Feb 2023 18:03

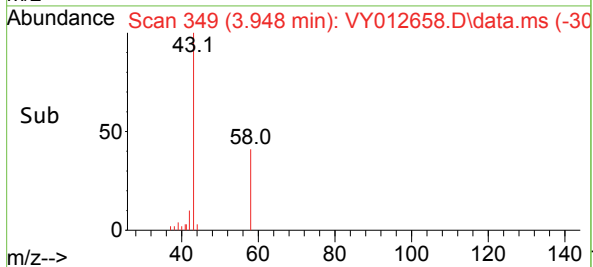
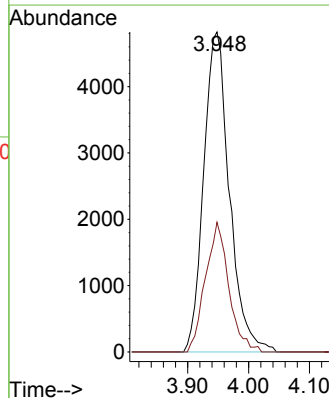
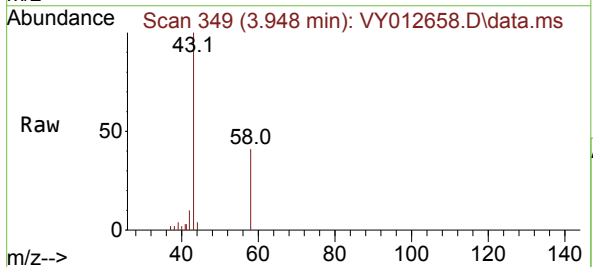
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

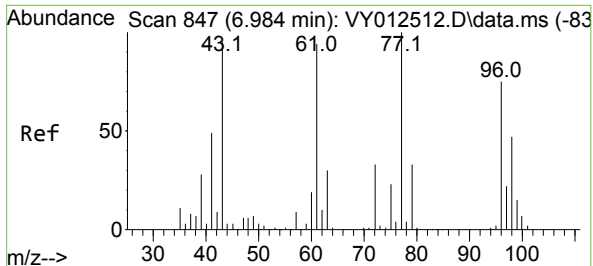
Tgt Ion: 59 Resp: 372
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 30.749 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012658.D
Acq: 17 Feb 2023 18:03

Tgt Ion: 43 Resp: 14109
Ion Ratio Lower Upper
43 100
58 40.5 27.1 40.7





#25

2-Butanone

Concen: 4.280 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY012658.D

Acq: 17 Feb 2023 18:03

Instrument :

MSVOA_Y

ClientSampleId :

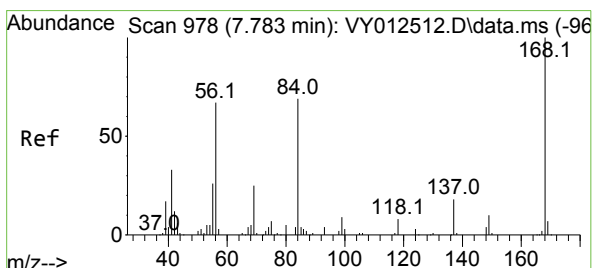
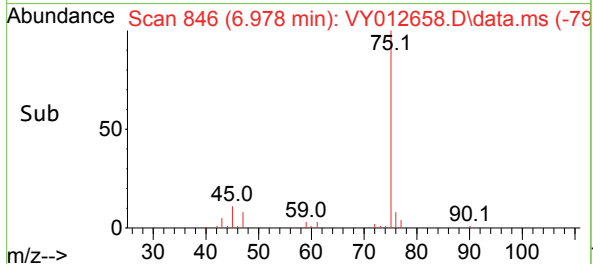
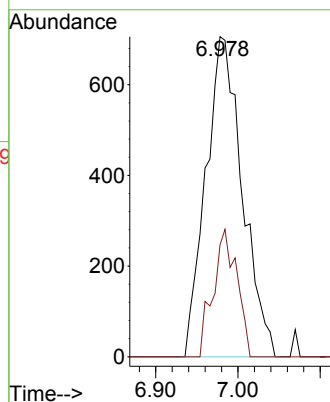
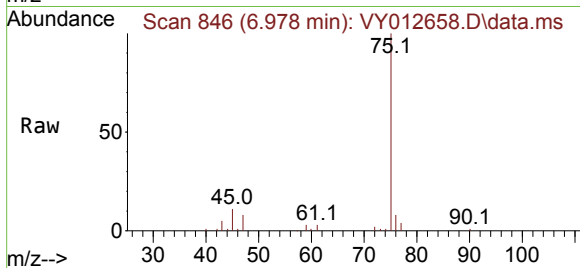
COMP-5

Tgt Ion: 43 Resp: 2179

Ion Ratio Lower Upper

43 100

72 35.0 27.4 41.2



#31

Cyclohexane

Concen: 1.195 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012658.D

Acq: 17 Feb 2023 18:03

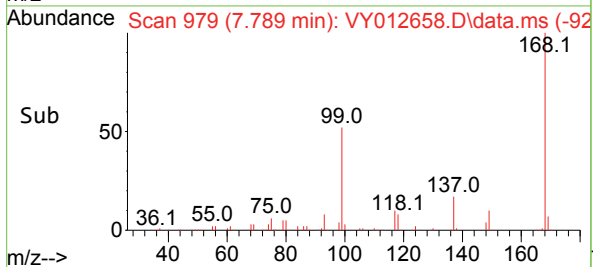
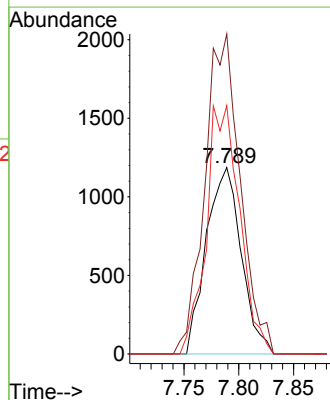
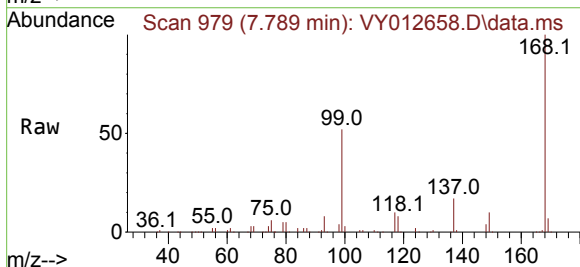
Tgt Ion: 56 Resp: 2634

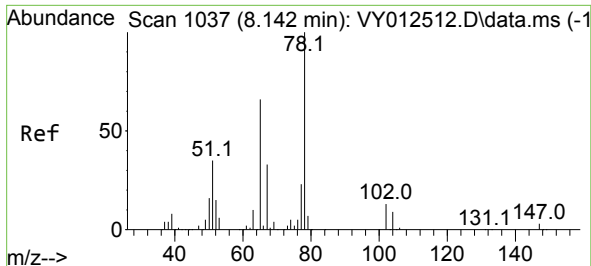
Ion Ratio Lower Upper

56 100

69 171.6 29.5 44.3#

84 133.2 81.9 122.9#





#33

1,2-Dichloroethane-d4

Concen: 44.019 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY012658.D

Acq: 17 Feb 2023 18:03

Instrument :

MSVOA_Y

ClientSampleId :

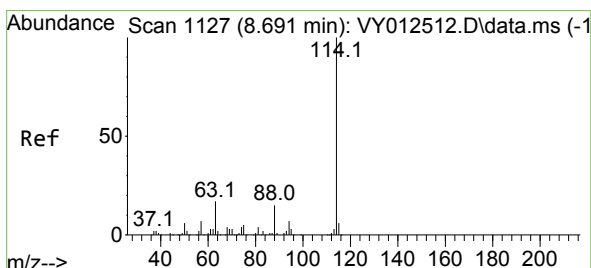
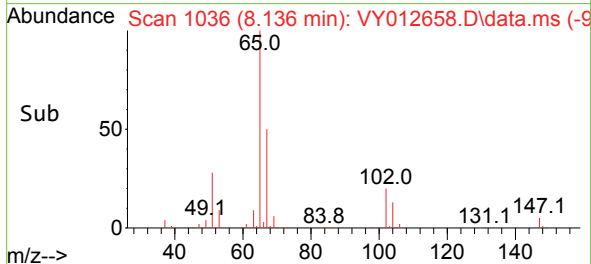
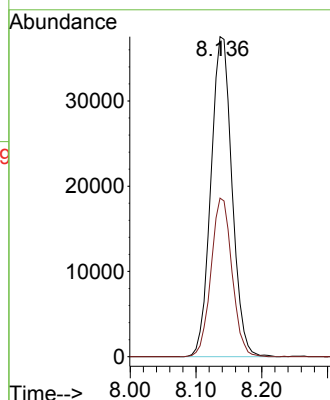
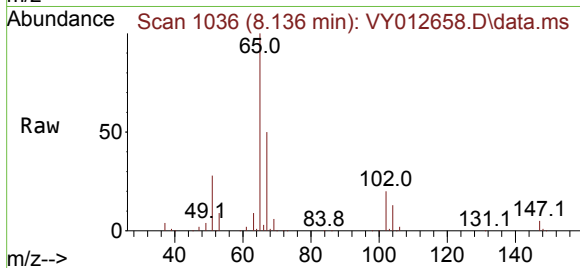
COMP-5

Tgt Ion: 65 Resp: 83920

Ion Ratio Lower Upper

65 100

67 49.2 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012658.D

Acq: 17 Feb 2023 18:03

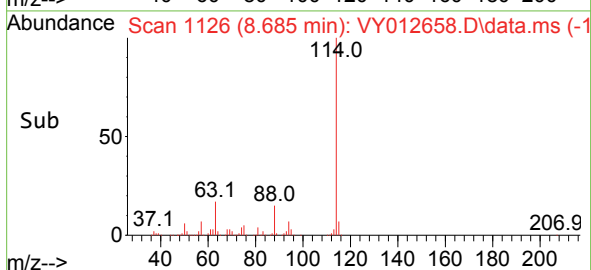
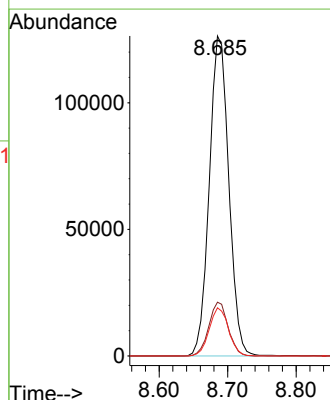
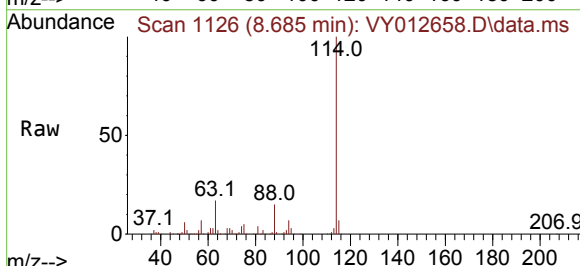
Tgt Ion: 114 Resp: 250315

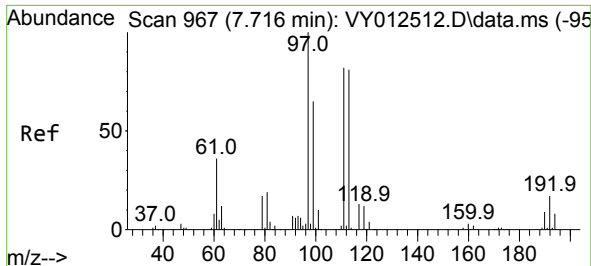
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.6

88 15.0 0.0 29.8

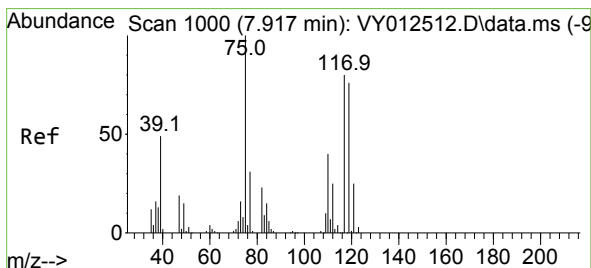
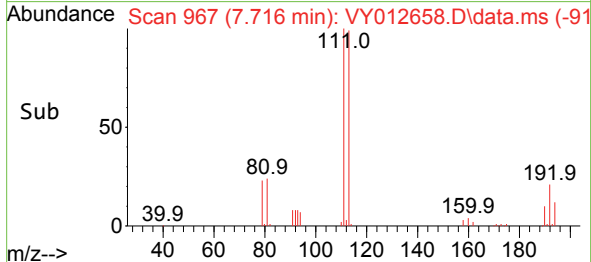
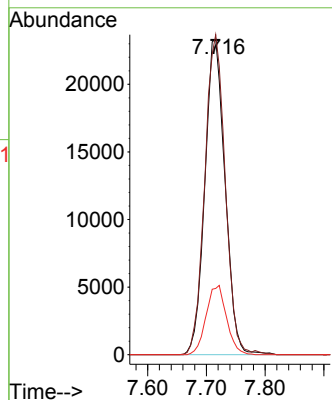
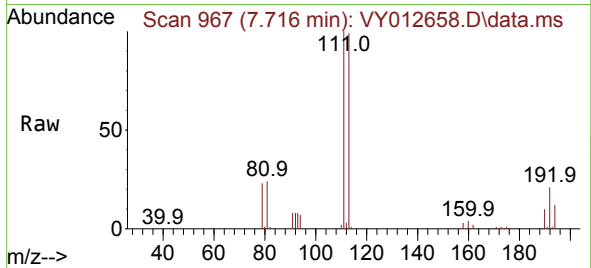




#35
Dibromofluoromethane
Concen: 30.615 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY012658.D
Acq: 17 Feb 2023 18:03

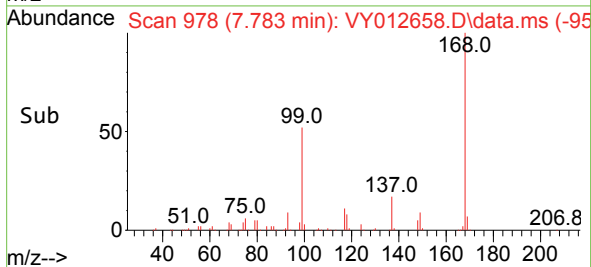
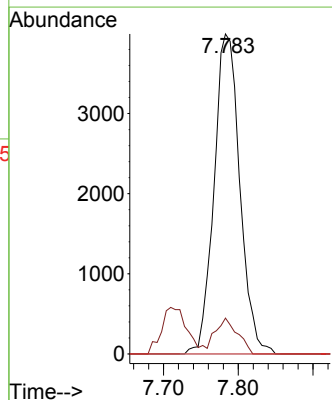
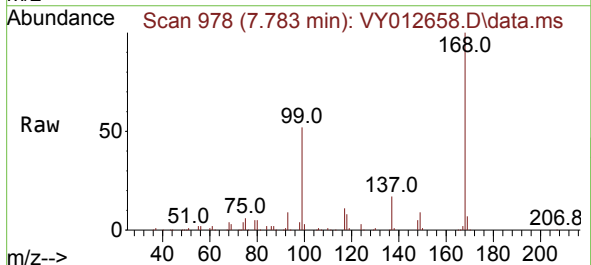
Instrument :
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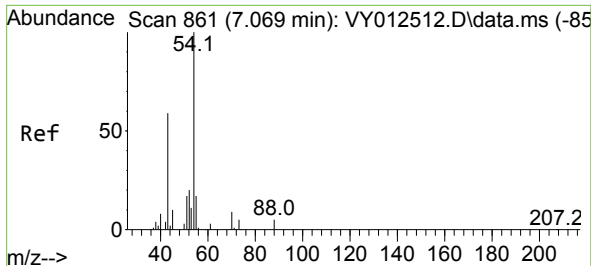
Tgt Ion:113 Resp: 55810
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 22.1 17.5 26.3



#36
1,1-Dichloropropene
Concen: 3.880 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012658.D
Acq: 17 Feb 2023 18:03

Tgt Ion: 75 Resp: 9573
Ion Ratio Lower Upper
75 100
110 9.5 19.5 58.5#
77 0.0 24.9 37.3#

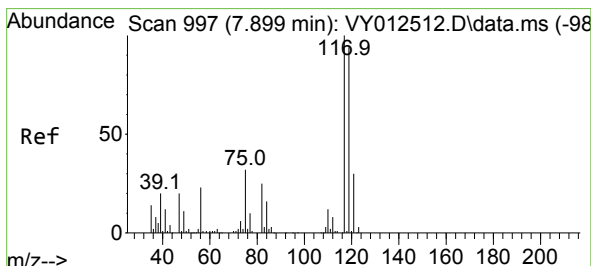
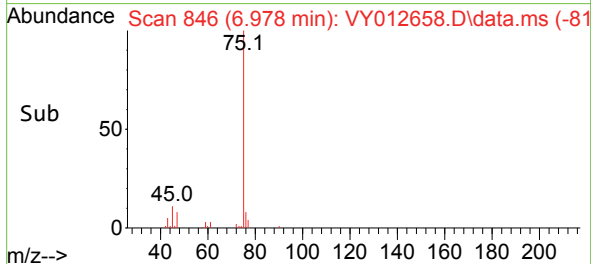
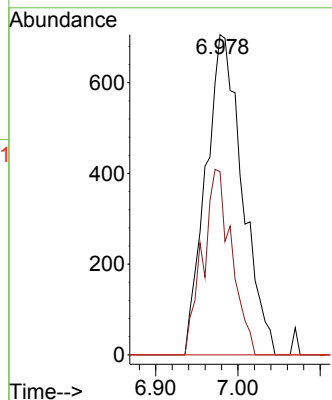
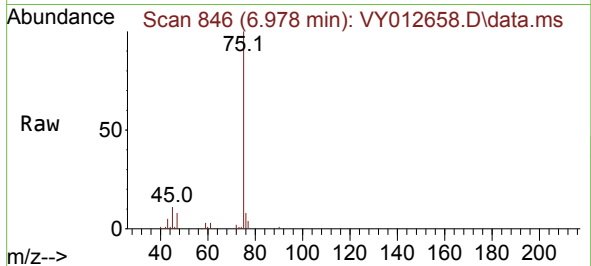




#37
Ethyl Acetate
Concen: 1.957 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.091 min
Lab File: VY012658.D
Acq: 17 Feb 2023 18:03

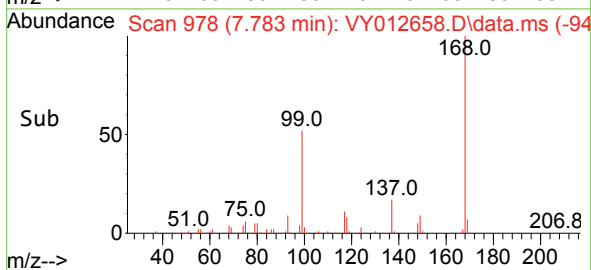
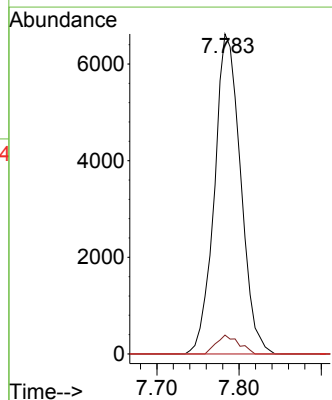
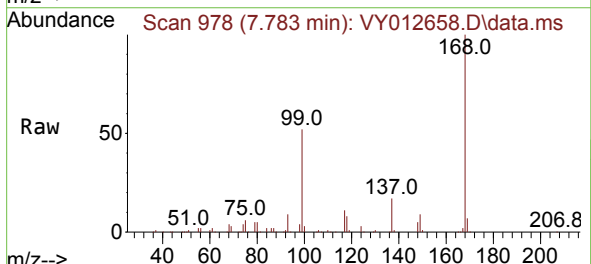
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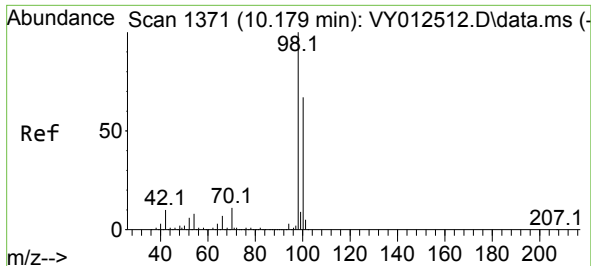
Tgt Ion: 43 Resp: 2179
Ion Ratio Lower Upper
43 100
61 45.6 12.5 18.7#
70 0.0 11.0 16.4#



#38
Carbon Tetrachloride
Concen: 4.429 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY012658.D
Acq: 17 Feb 2023 18:03

Tgt Ion: 117 Resp: 14667
Ion Ratio Lower Upper
117 100
119 5.9 75.1 112.7#
121 0.0 24.3 36.5#

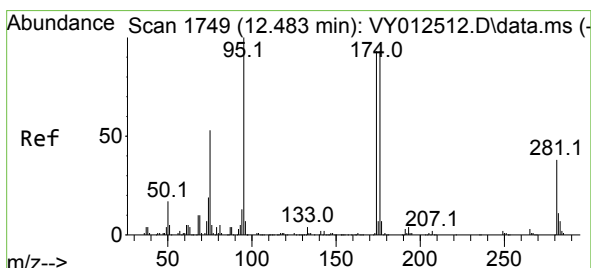
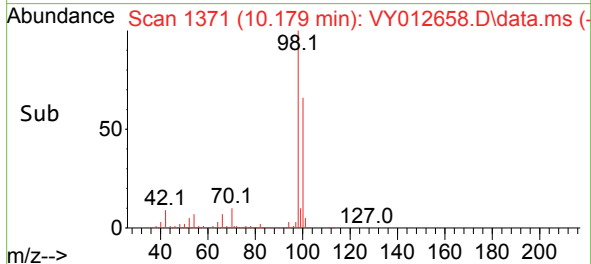
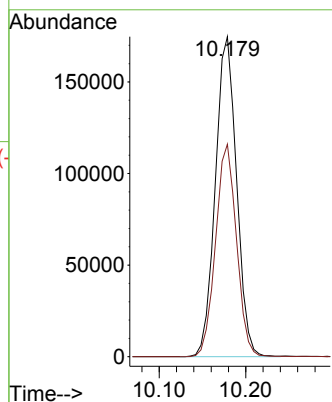
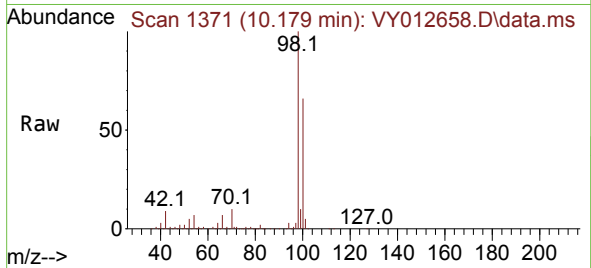




#50
Toluene-d8
Concen: 39.128 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012658.D
Acq: 17 Feb 2023 18:03

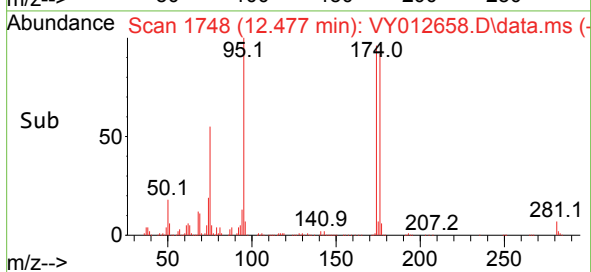
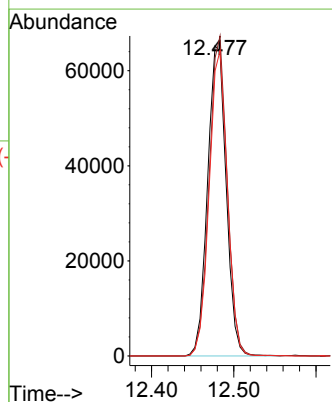
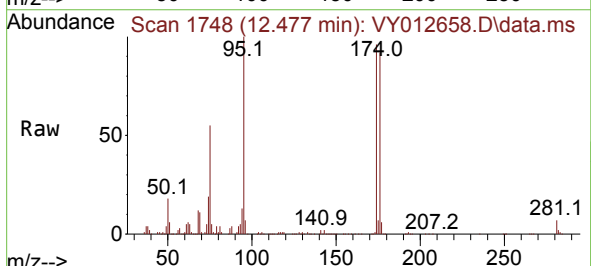
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

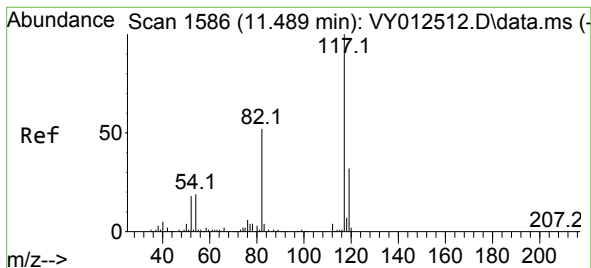
Tgt Ion: 98 Resp: 296888
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 38.905 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012658.D
Acq: 17 Feb 2023 18:03

Tgt Ion: 95 Resp: 102966
Ion Ratio Lower Upper
95 100
174 100.3 0.0 188.0
176 95.8 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012658.D

Acq: 17 Feb 2023 18:03

Instrument :

MSVOA_Y

ClientSampleId :

COMP-5

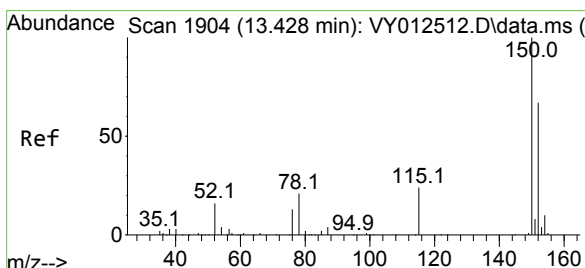
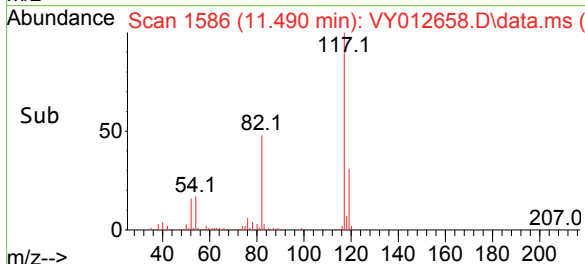
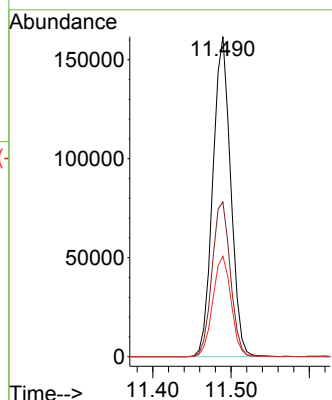
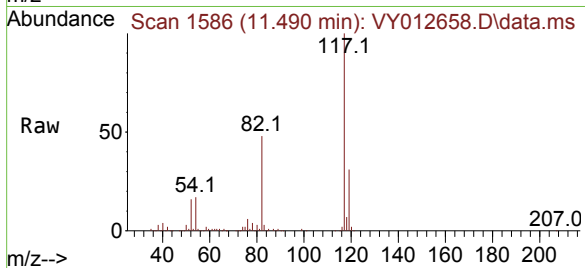
Tgt Ion:117 Resp: 255967

Ion Ratio Lower Upper

117 100

82 48.4 41.7 62.5

119 31.4 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012658.D

Acq: 17 Feb 2023 18:03

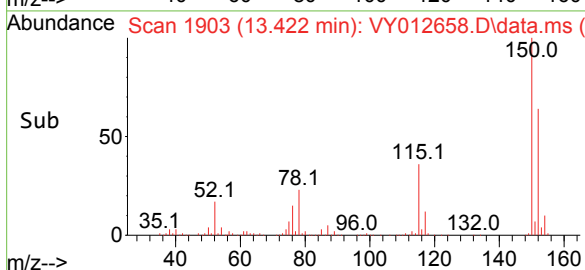
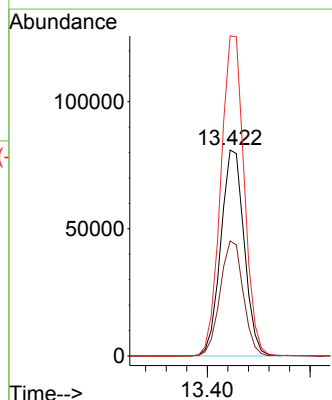
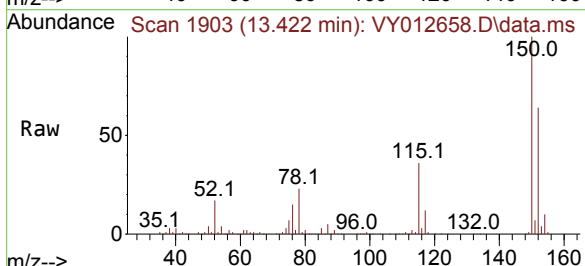
Tgt Ion:152 Resp: 127710

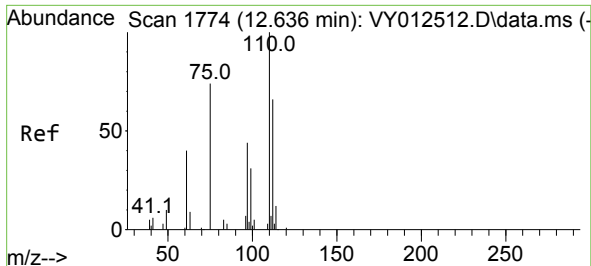
Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.3

150 155.7 0.0 351.0

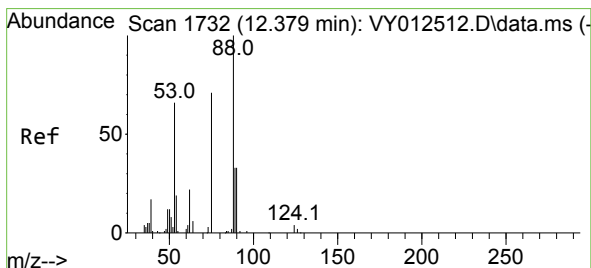
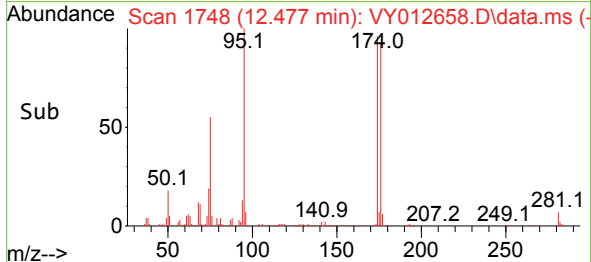
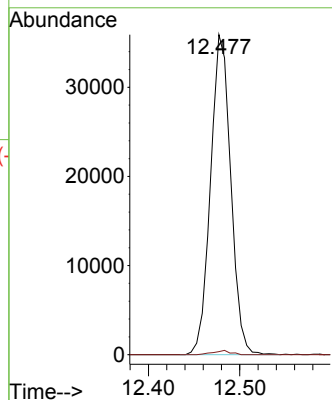
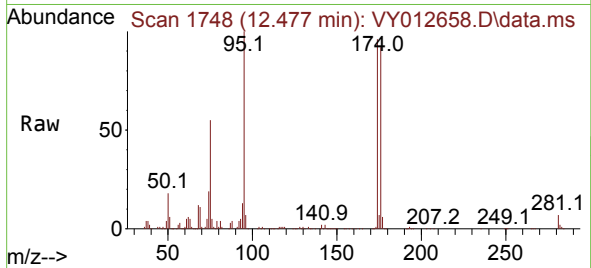




#76
1,2,3-Trichloropropane
Concen: 38.783 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY012658.D
Acq: 17 Feb 2023 18:03

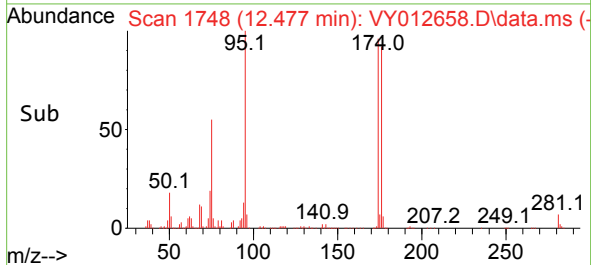
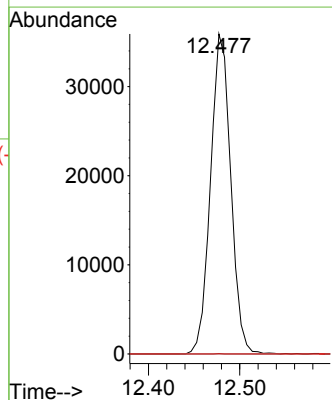
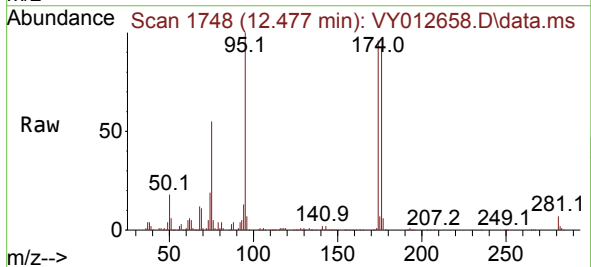
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

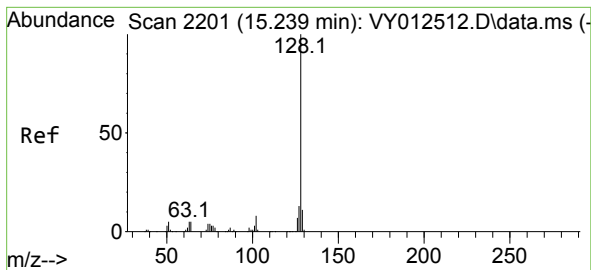
Tgt Ion: 75 Resp: 55336
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.457 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY012658.D
Acq: 17 Feb 2023 18:03

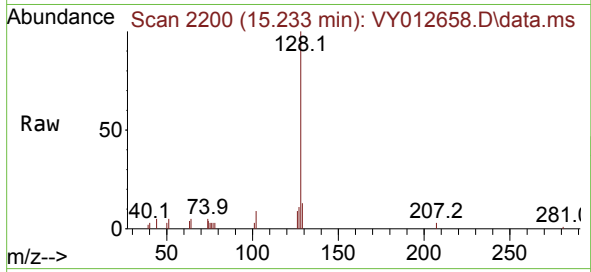
Tgt Ion: 75 Resp: 55336
Ion Ratio Lower Upper
75 100
53 0.0 73.1 109.7#
89 0.0 39.9 59.9#





#95
Naphthalene
Concen: 1.244 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY012658.D
Acq: 17 Feb 2023 18:03

Instrument :
MSVOA_Y
ClientSampleId :
COMP-5



Tgt Ion:	128	Resp:	6633
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.4	15.6
129	11.2	8.6	12.8

