

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008590.D
 Acq On : 03 May 2022 14:32
 Operator : KP/MD
 Sample : N2610-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-042822

Quant Time: May 04 02:40:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

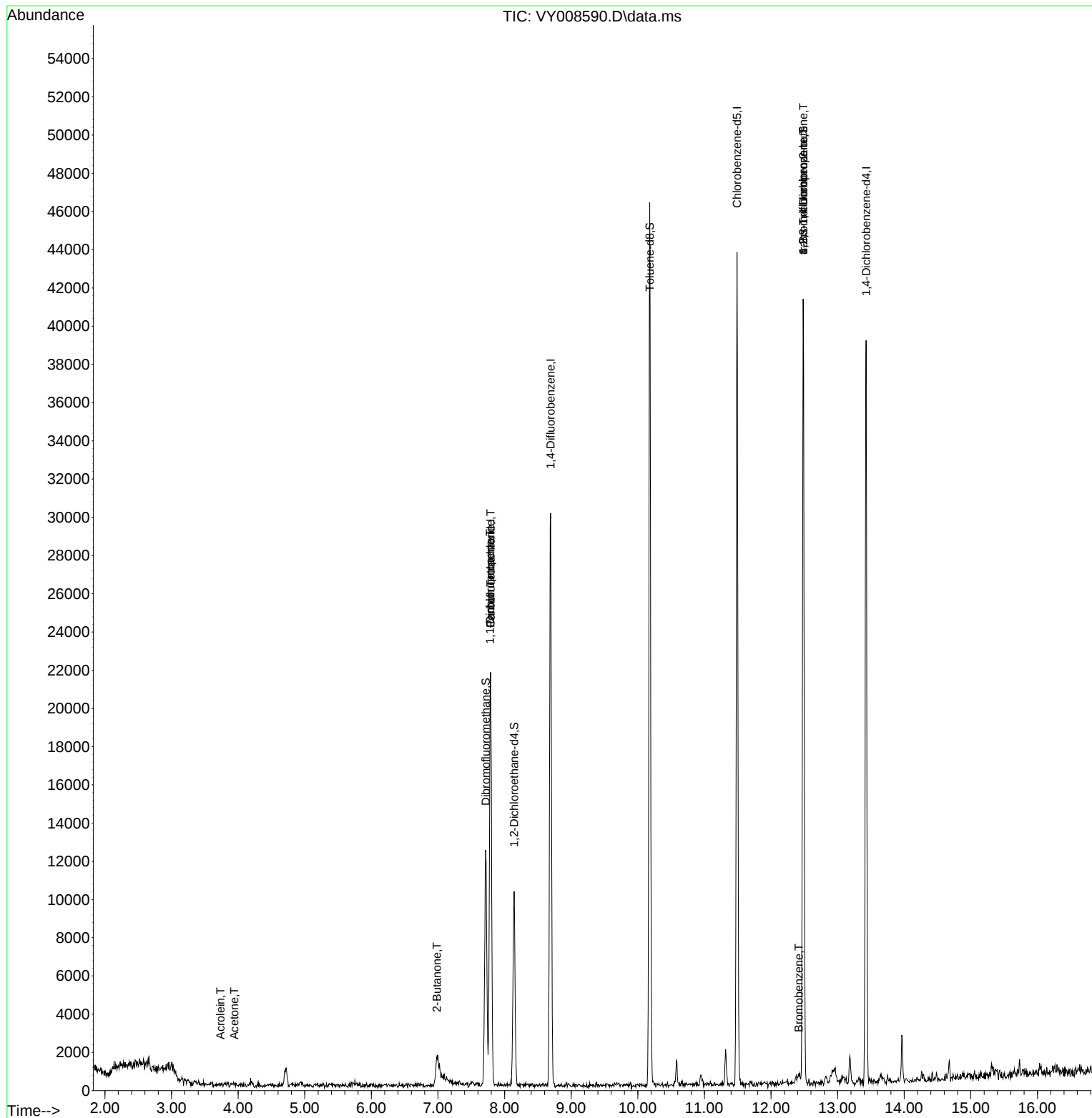
Internal Standards						
1) Pentafluorobenzene	7.789	168	18668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	28565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	25953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	7655	42.190	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.380%		
35) Dibromofluoromethane	7.716	113	8702	46.039	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.080%		
50) Toluene-d8	10.179	98	32760	48.922	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.840%		
62) 4-Bromofluorobenzene	12.483	95	10287	41.913	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	83.820%		
Target Compounds						
5) Bromomethane	2.662	94	203	Below Cal	Qvalue 82	
11) Tert butyl alcohol	4.942	59	318	Below Cal	# 77	
13) Acrolein	3.735	56	50	2.039 ug/l	# 14	
16) Acetone	3.942	43	227	5.807 ug/l	# 47	
20) Methylene Chloride	4.722	84	781	Below Cal	# 44	
25) 2-Butanone	6.984	43	83	1.323 ug/l	# 54	
36) 1,1-Dichloropropene	7.783	75	1272	4.328 ug/l	# 42	
38) Carbon Tetrachloride	7.789	117	1744	5.201 ug/l	# 11	
76) 1,2,3-Trichloropropane	12.483	75	5186	44.501 ug/l	# 100	
77) Bromobenzene	12.416	156	953	4.241 ug/l	# 1	
81) trans-1,4-Dichloro-2-b...	12.483	75	5186	90.222 ug/l	# 7	

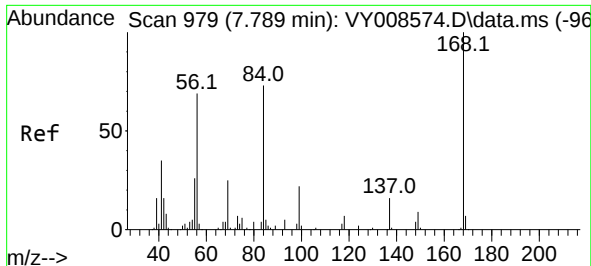
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
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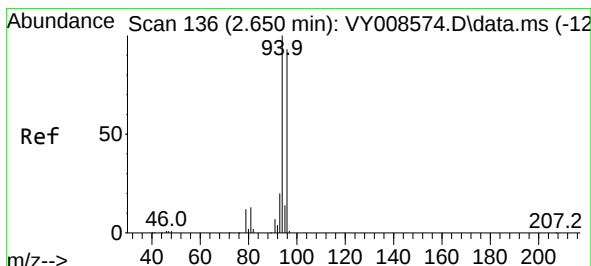
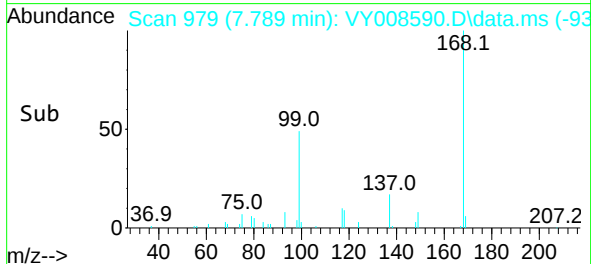
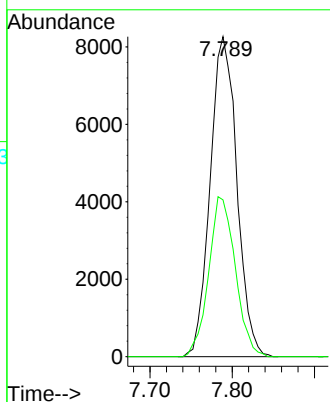
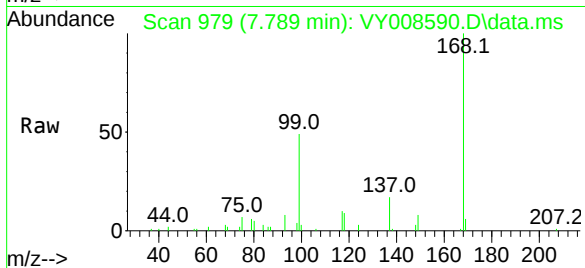




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008590.D
Acq: 03 May 2022 14:32

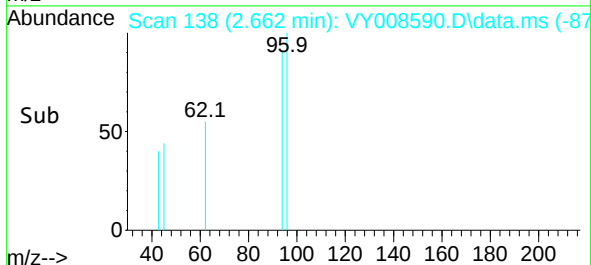
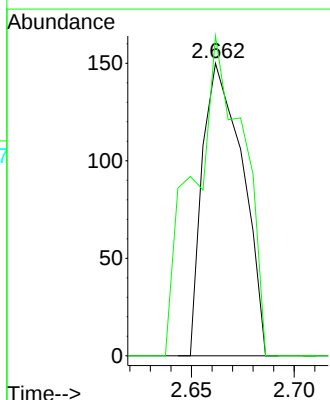
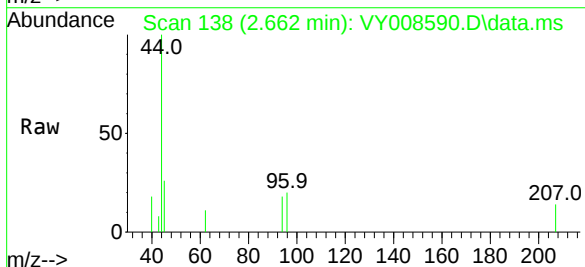
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-042822

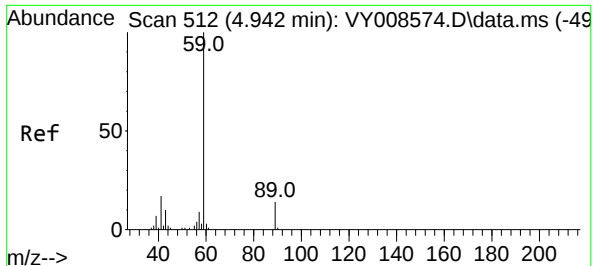
Tgt Ion:168 Resp: 18668
Ion Ratio Lower Upper
168 100
99 49.0 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY008590.D
Acq: 03 May 2022 14:32

Tgt Ion: 94 Resp: 203
Ion Ratio Lower Upper
94 100
96 109.3 73.5 110.3

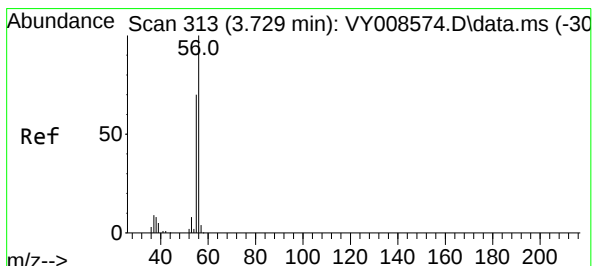
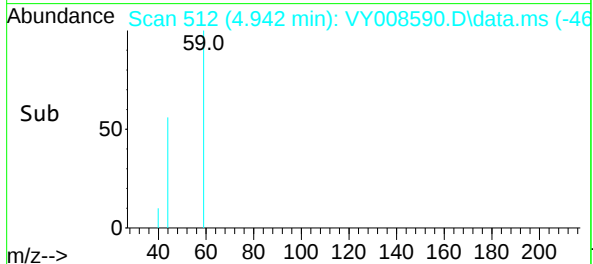
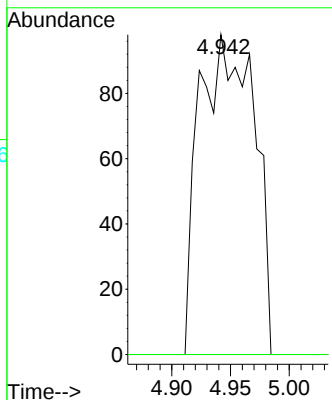
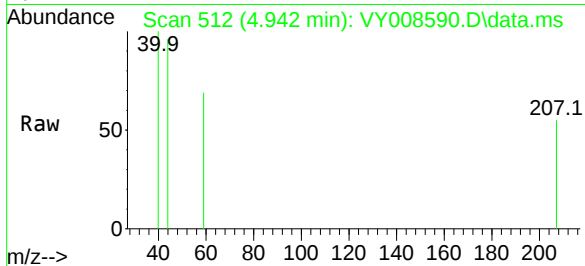




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY008590.D
Acq: 03 May 2022 14:32

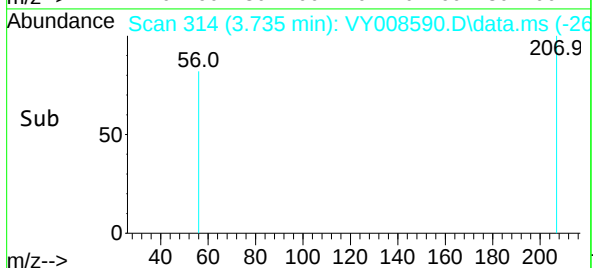
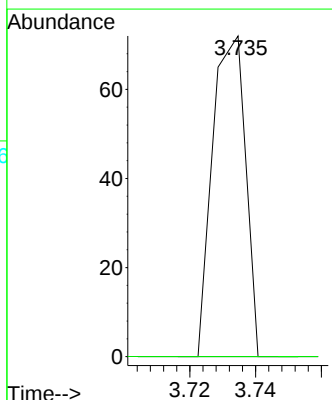
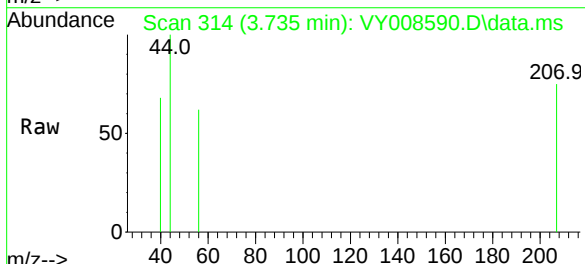
Instrument :
MSVOA_Y
ClientSampleId :
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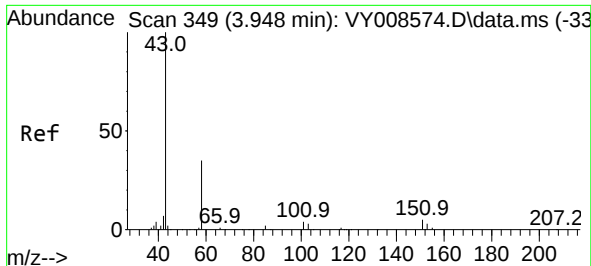
Tgt Ion: 59 Resp: 318
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#13
Acrolein
Concen: 2.039 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY008590.D
Acq: 03 May 2022 14:32

Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

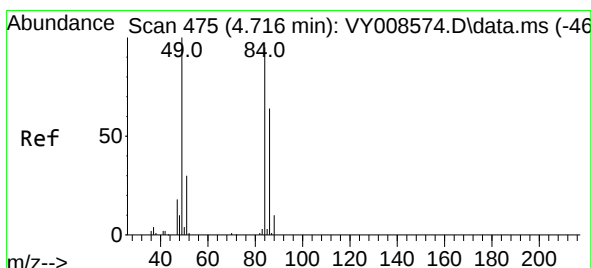
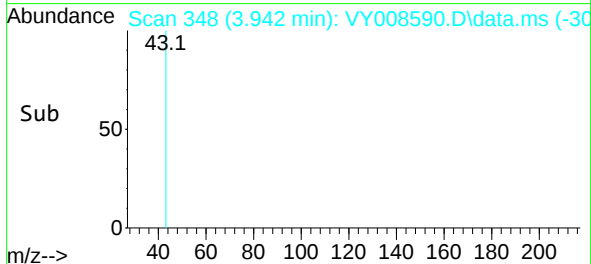
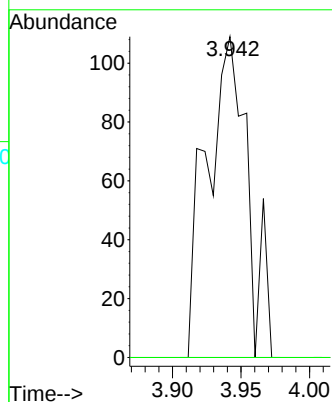
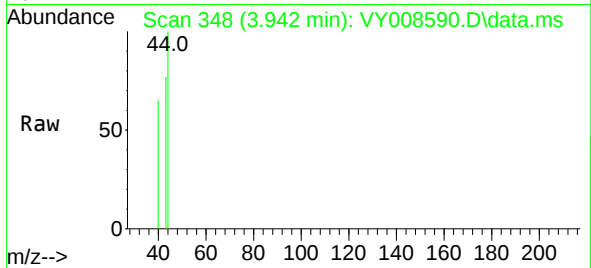




#16
Acetone
Concen: 5.807 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008590.D
Acq: 03 May 2022 14:32

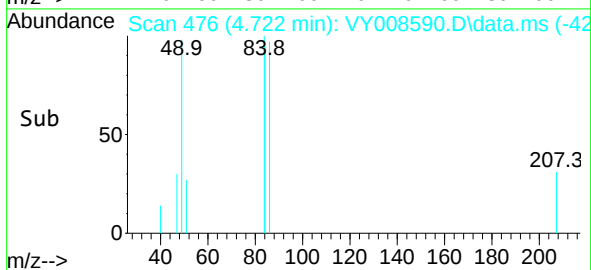
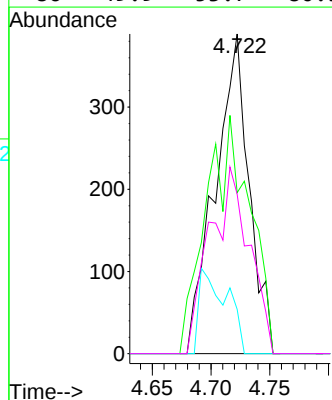
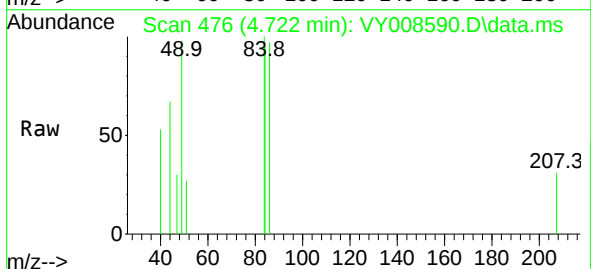
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-042822

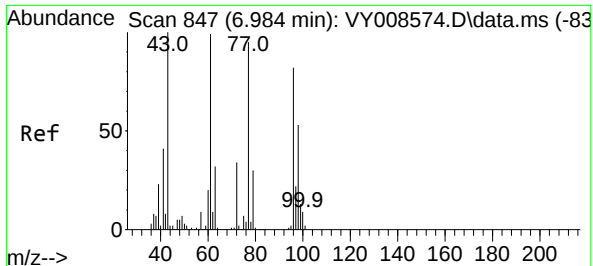
Tgt Ion: 43 Resp: 227
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY008590.D
Acq: 03 May 2022 14:32

Tgt Ion: 84 Resp: 781
Ion Ratio Lower Upper
84 100
49 50.4 114.4 171.6#
51 13.9 35.3 52.9#
86 49.9 53.7 80.5#

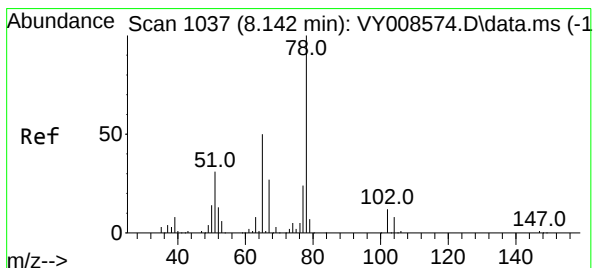
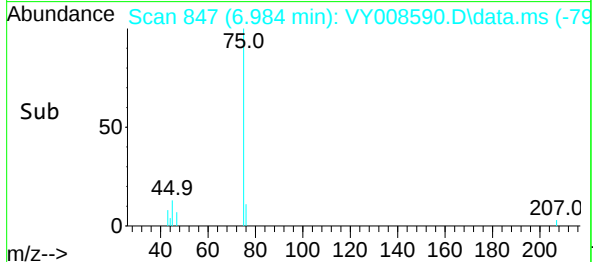
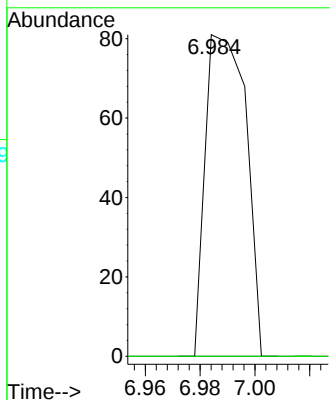
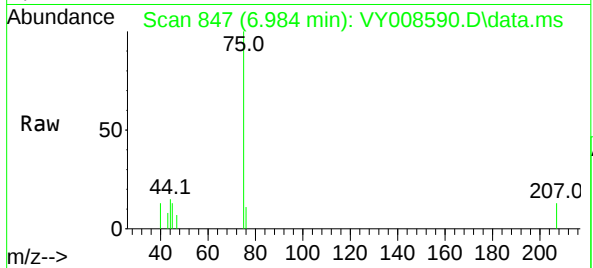




#25
2-Butanone
Concen: 1.323 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY008590.D
Acq: 03 May 2022 14:32

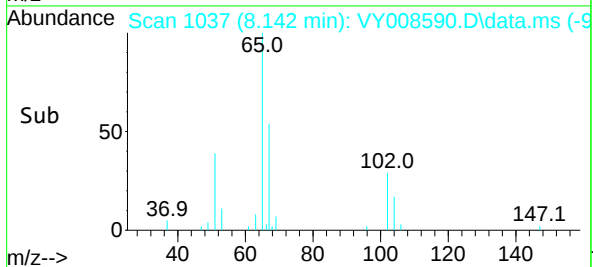
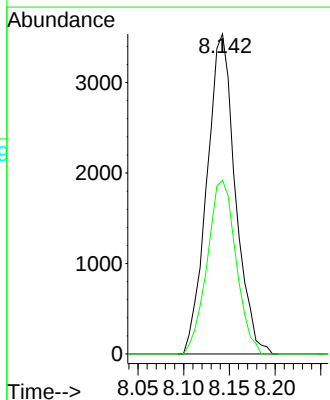
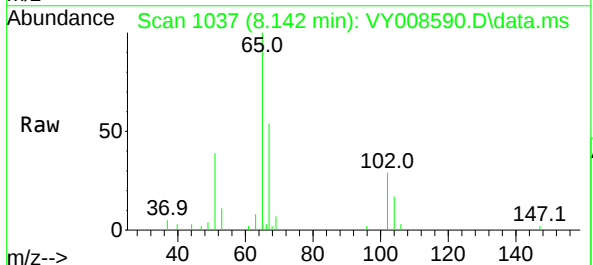
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-042822

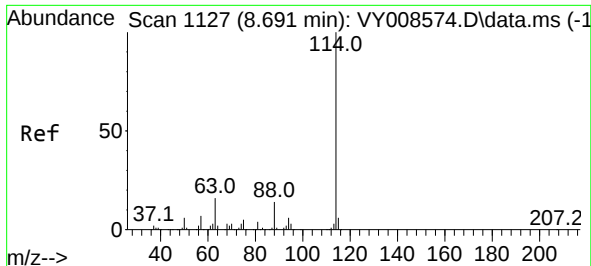
Tgt Ion: 43 Resp: 83
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 42.190 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008590.D
Acq: 03 May 2022 14:32

Tgt Ion: 65 Resp: 7655
Ion Ratio Lower Upper
65 100
67 54.9 0.0 99.4

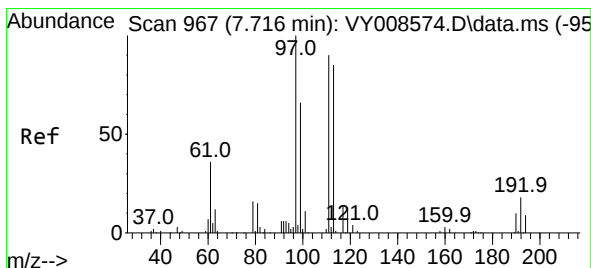
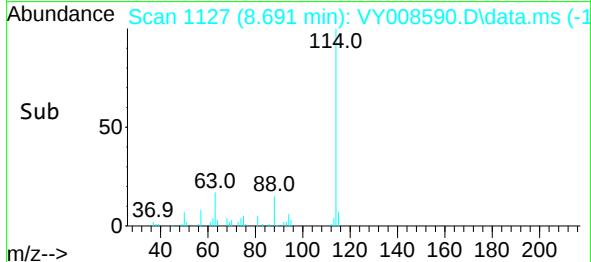
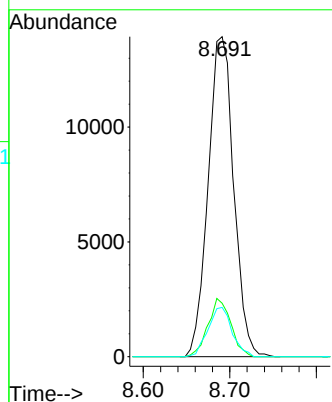
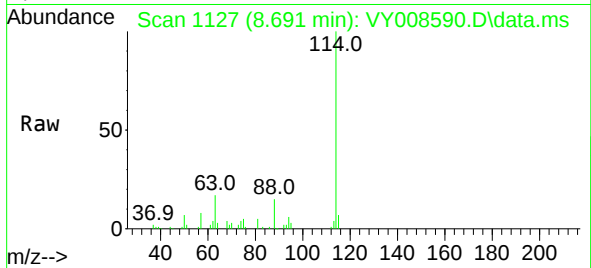




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY008590.D
Acq: 03 May 2022 14:32

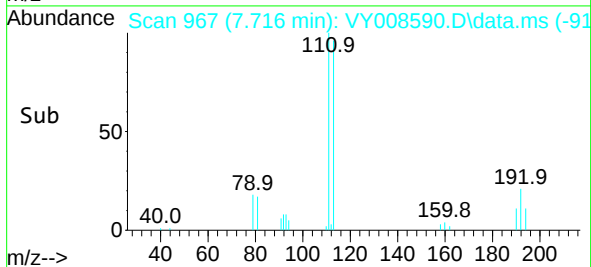
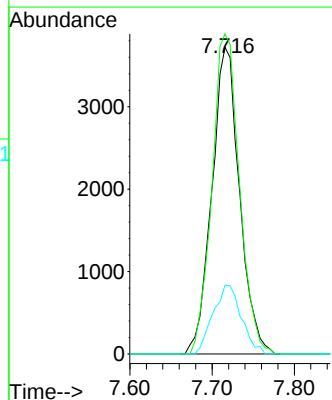
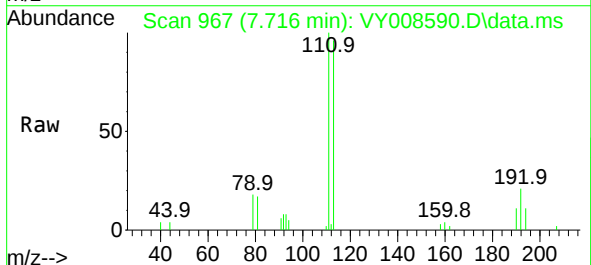
Instrument :
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ClientSampleId :
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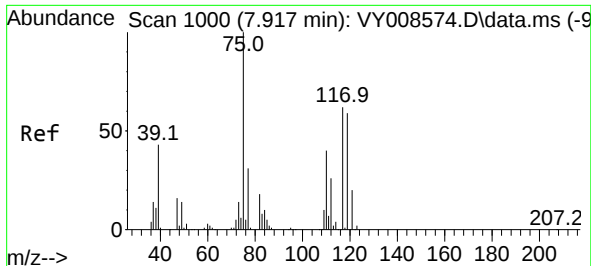
Tgt Ion:114	Resp:	28565
Ion Ratio	Lower	Upper
114	100	
63	16.7	0.0 43.2
88	15.4	0.0 31.8



#35
Dibromofluoromethane
Concen: 46.039 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008590.D
Acq: 03 May 2022 14:32

Tgt Ion:113	Resp:	8702
Ion Ratio	Lower	Upper
113	100	
111	103.6	82.6 124.0
192	22.9	17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.328 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008590.D

Acq: 03 May 2022 14:32

Instrument :

MSVOA_Y

ClientSampleId :

HR-03-042822

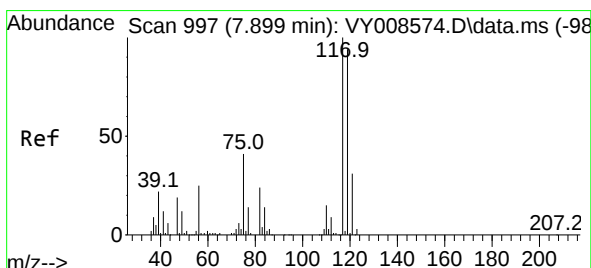
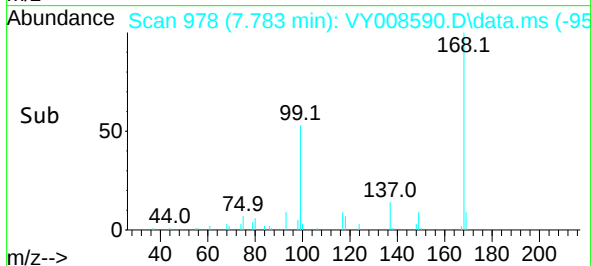
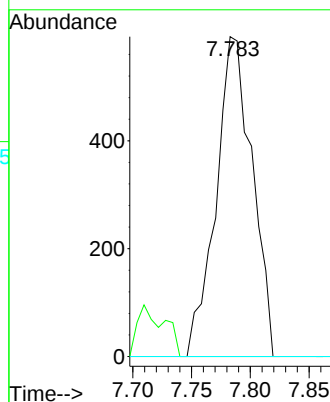
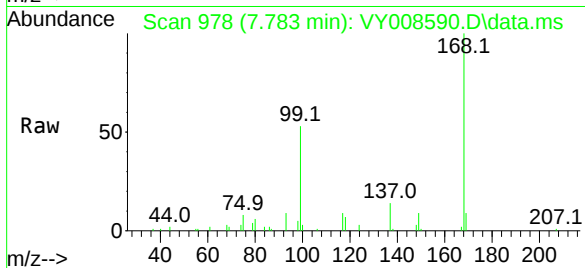
Tgt Ion: 75 Resp: 1272

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.201 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008590.D

Acq: 03 May 2022 14:32

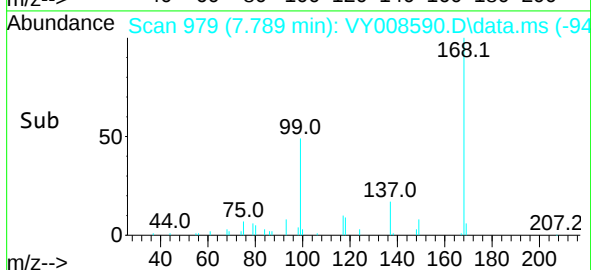
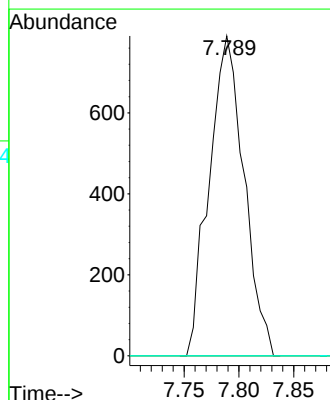
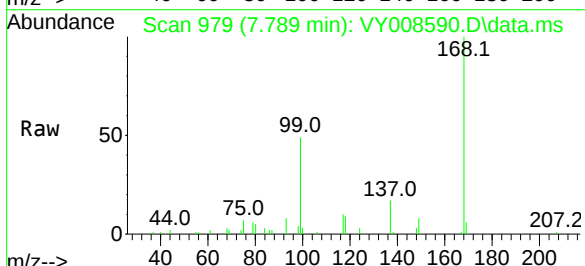
Tgt Ion: 117 Resp: 1744

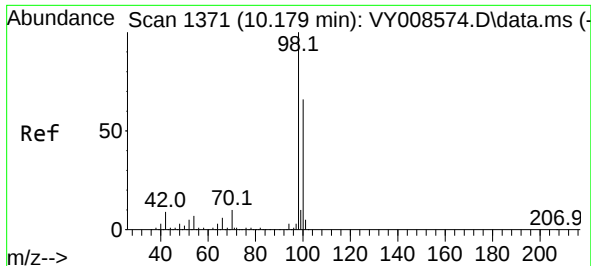
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

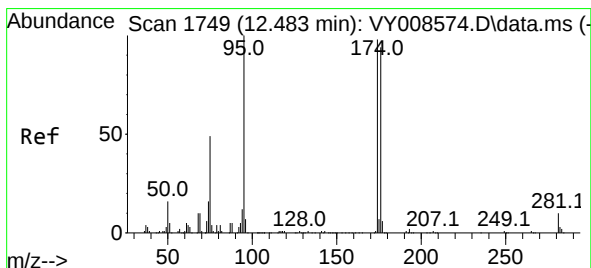
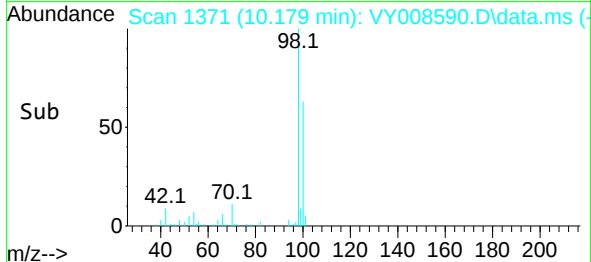
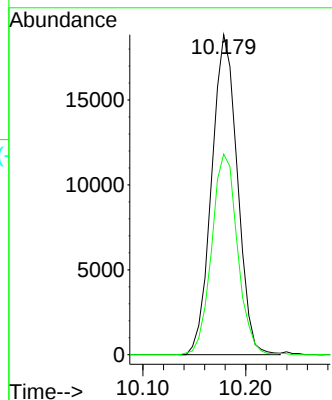
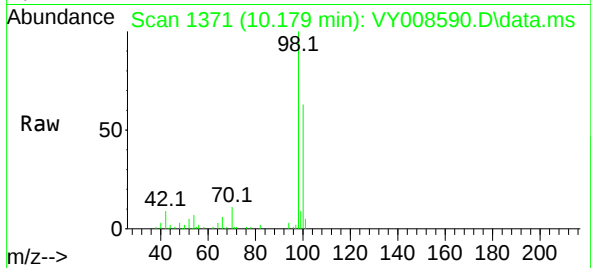




#50
Toluene-d8
Concen: 48.922 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008590.D
Acq: 03 May 2022 14:32

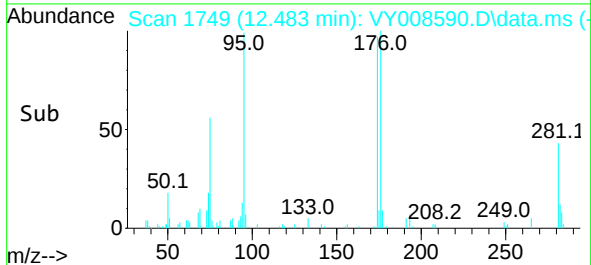
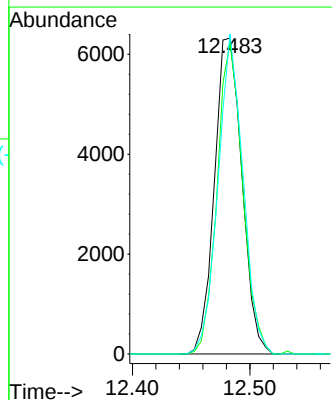
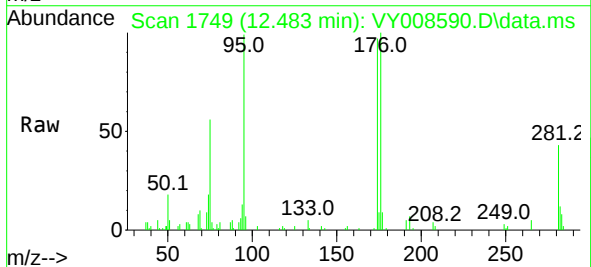
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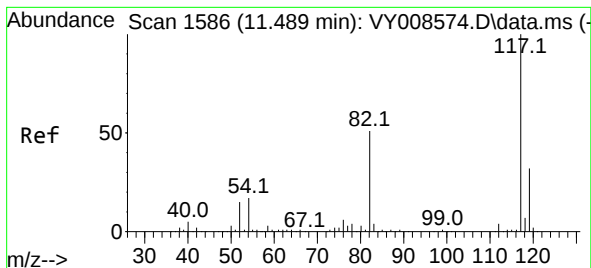
Tgt Ion: 98 Resp: 32760
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.913 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008590.D
Acq: 03 May 2022 14:32

Tgt Ion: 95 Resp: 10287
Ion Ratio Lower Upper
95 100
174 91.6 0.0 177.0
176 92.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008590.D

Acq: 03 May 2022 14:32

Instrument :

MSVOA_Y

ClientSampleId :

HR-03-042822

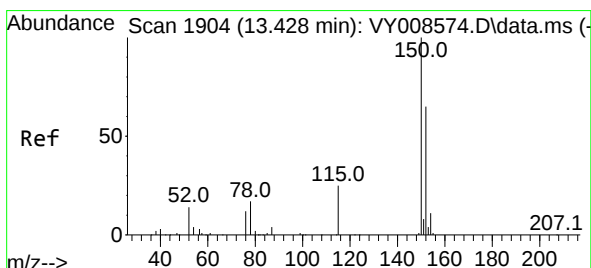
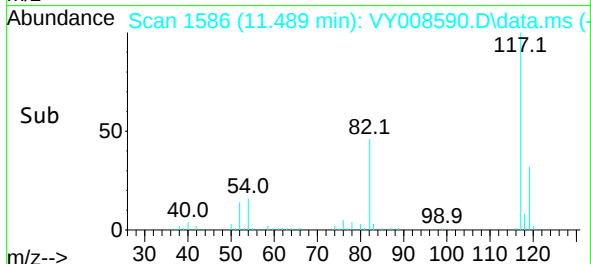
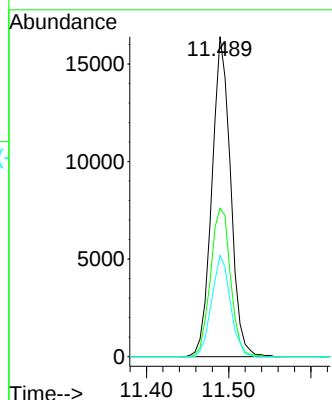
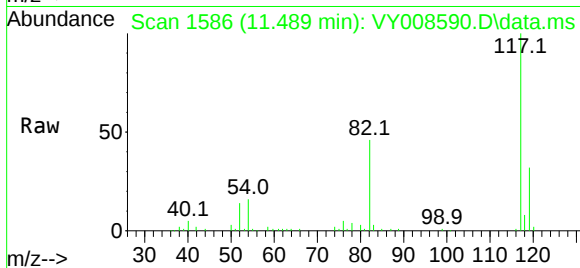
Tgt Ion:117 Resp: 25953

Ion Ratio Lower Upper

117 100

82 46.4 43.0 64.4

119 31.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY008590.D

Acq: 03 May 2022 14:32

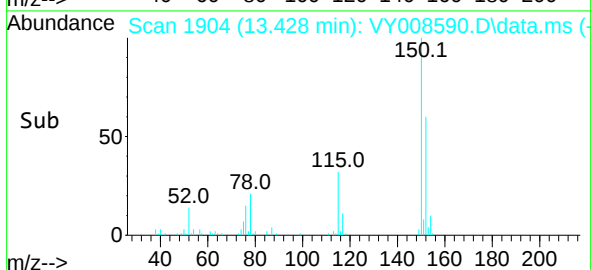
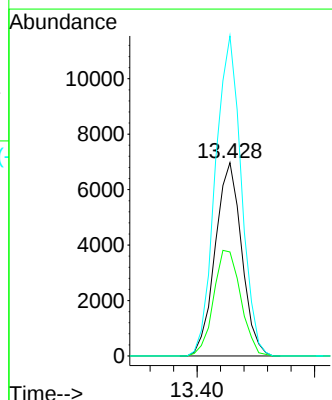
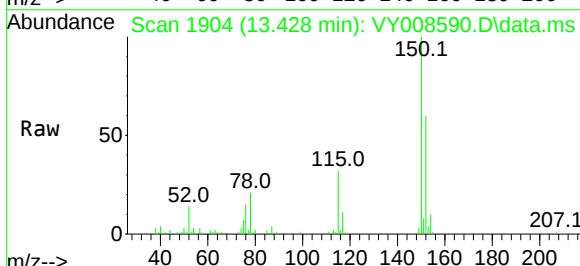
Tgt Ion:152 Resp: 10917

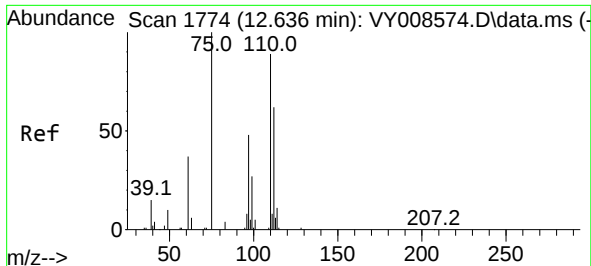
Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 162.3 0.0 347.6

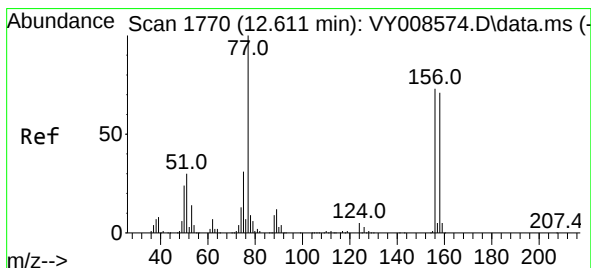
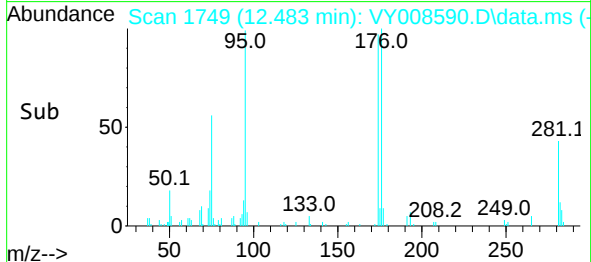
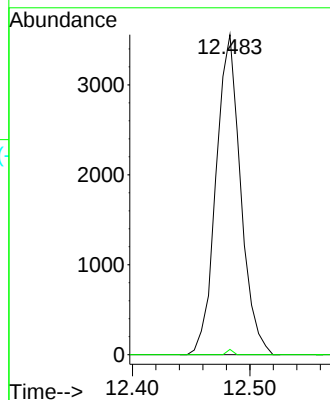
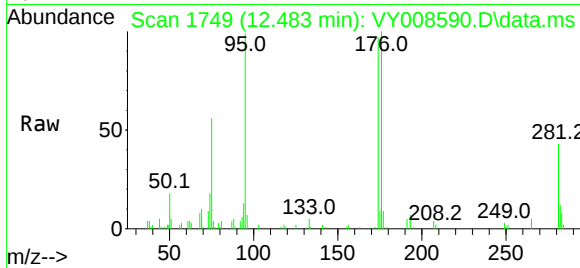




#76
1,2,3-Trichloropropane
Concen: 44.501 ug/l
RT: 12.483 min Scan# 1738
Delta R.T. -0.152 min
Lab File: VY008590.D
Acq: 03 May 2022 14:32

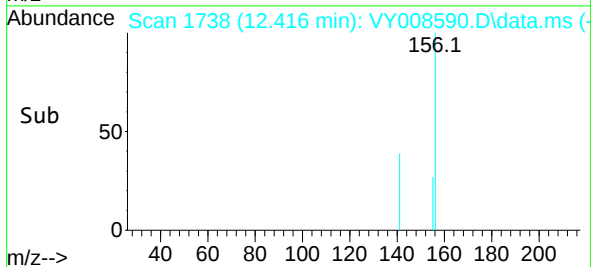
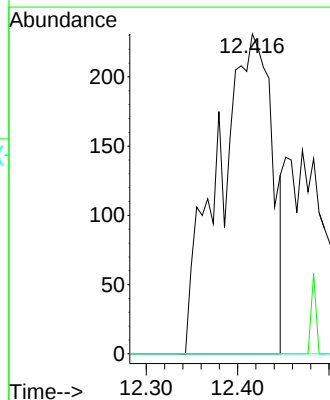
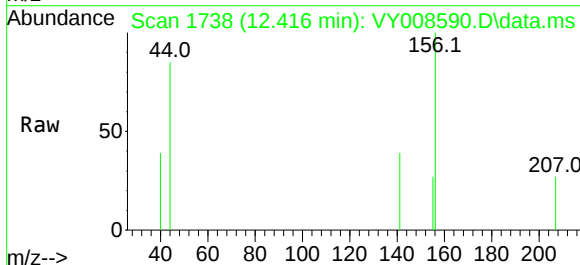
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-042822

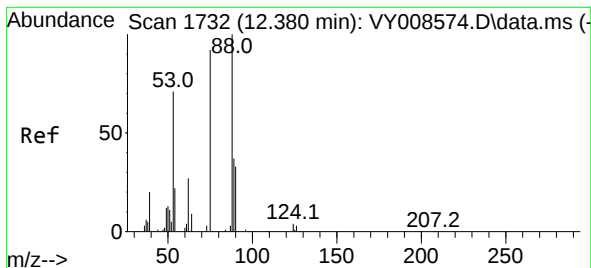
Tgt Ion: 75 Resp: 5186
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#77
Bromobenzene
Concen: 4.241 ug/l
RT: 12.416 min Scan# 1738
Delta R.T. -0.195 min
Lab File: VY008590.D
Acq: 03 May 2022 14:32

Tgt Ion: 156 Resp: 953
Ion Ratio Lower Upper
156 100
77 0.0 95.5 286.4#
158 0.0 48.0 144.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.222 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008590.D
 Acq: 03 May 2022 14:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-042822

Tgt Ion: 75 Resp: 5186
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.4 37.0 55.4#

