

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020148.D
 Acq On : 04 Nov 2024 17:20
 Operator : SY/MD
 Sample : P4694-03
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 00:35:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

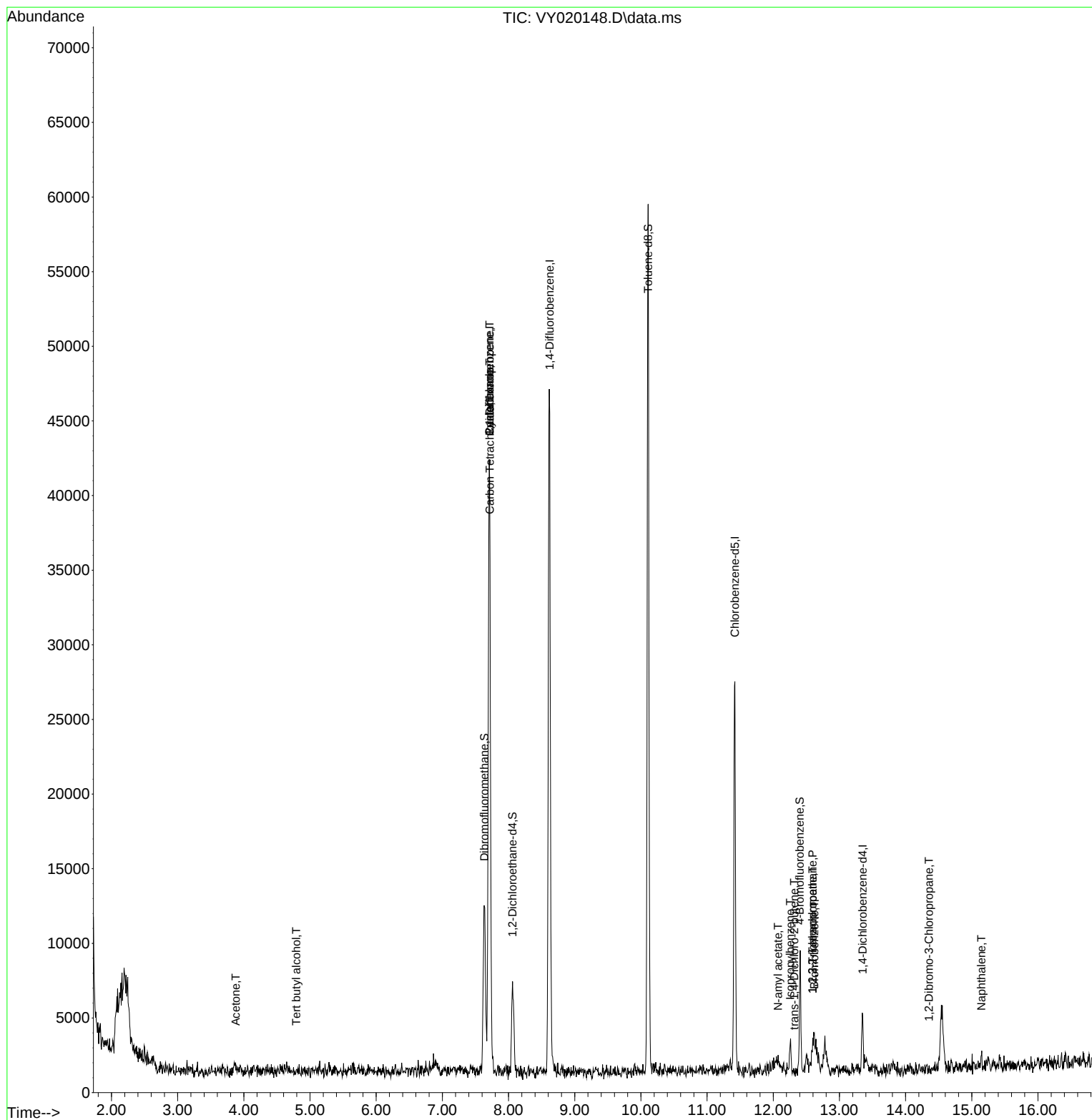
Internal Standards						
1) Pentafluorobenzene	7.713	168	28220	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	38712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	12953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	1019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	4417	12.541	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	25.080%#		
35) Dibromofluoromethane	7.634	113	8015	32.564	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	65.120%		
50) Toluene-d8	10.109	98	36805	37.567	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	75.140%		
62) 4-Bromofluorobenzene	12.401	95	2295	7.212	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	14.420%#		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.793	59	47	1.855	ug/l	# 88
16) Acetone	3.879	43	176	2.149	ug/l	# 76
31) Cyclohexane	7.713	56	1058	1.655	ug/l	# 29
36) 1,1-Dichloropropene	7.713	75	2905	7.640	ug/l	# 43
38) Carbon Tetrachloride	7.719	117	3217	8.414	ug/l	# 13
73) Isopropylbenzene	12.255	105	138	1.695	ug/l	# 48
74) N-amyl acetate	12.072	43	27	1.327	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.597	83	33	2.318	ug/l	# 26
76) 1,2,3-Trichloropropane	12.597	75	97	10.155	ug/l	# 100
77) Bromobenzene	12.621	156	2501	151.917	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.316	75	76	17.114	ug/l	# 16
92) 1,2-Dibromo-3-Chloropr...	14.352	75	42	19.453	ug/l	# 1
95) Naphthalene	15.145	128	710	24.322	ug/l	# 86

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

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MSVOA_Y
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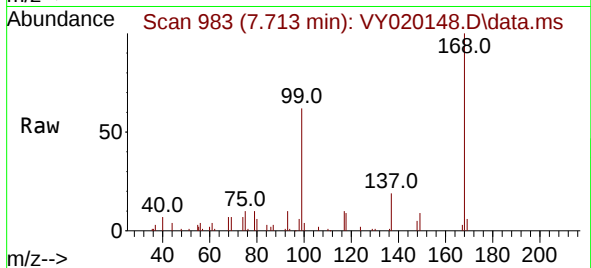
Quant Time: Nov 05 00:35:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
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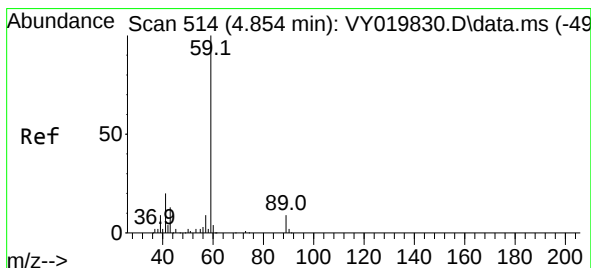
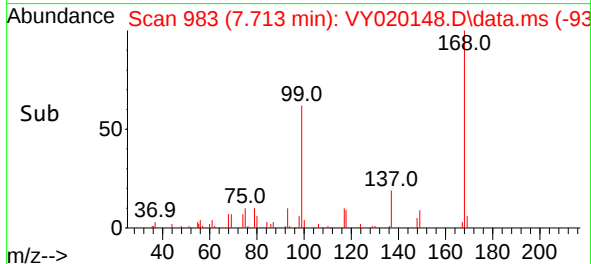
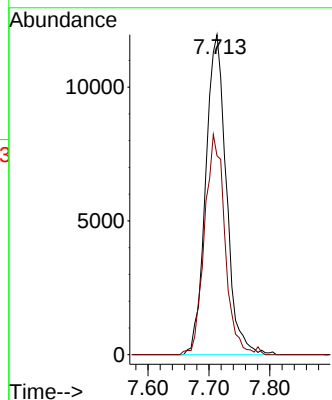


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020148.D
Acq: 04 Nov 2024 17:20

Instrument :
MSVOA_Y
ClientSampleId :

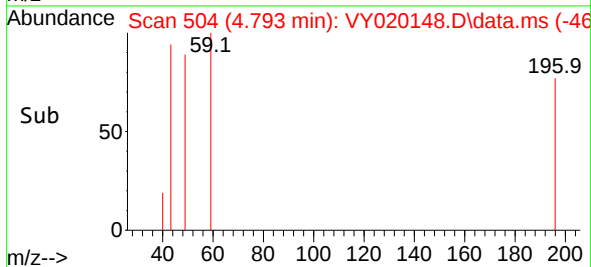
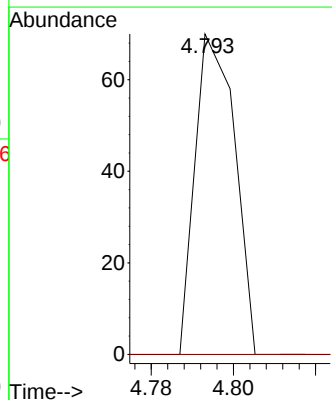
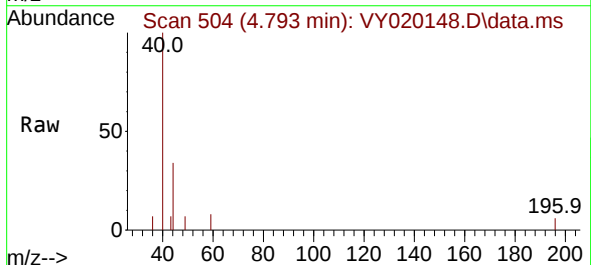


Tgt Ion:168 Resp: 28220
Ion Ratio Lower Upper
168 100
99 62.2 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.855 ug/l
RT: 4.793 min Scan# 504
Delta R.T. -0.067 min
Lab File: VY020148.D
Acq: 04 Nov 2024 17:20

Tgt Ion: 59 Resp: 47
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

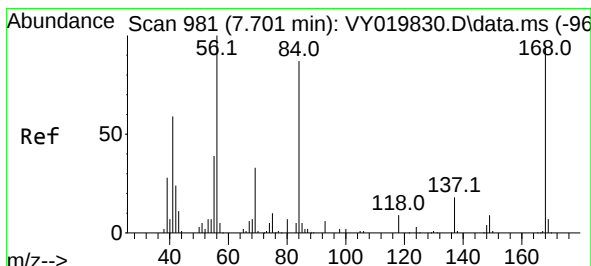
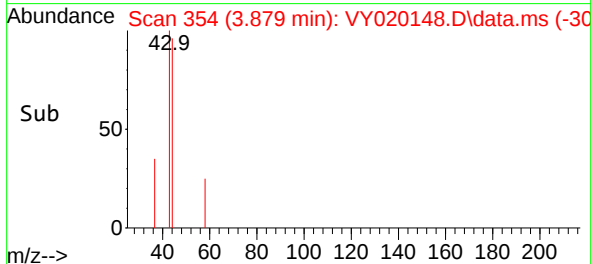
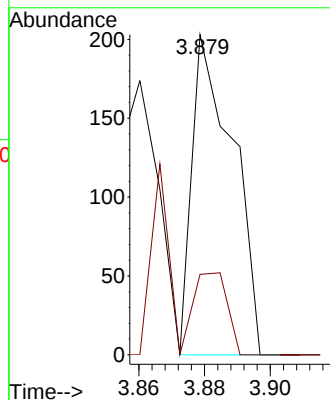
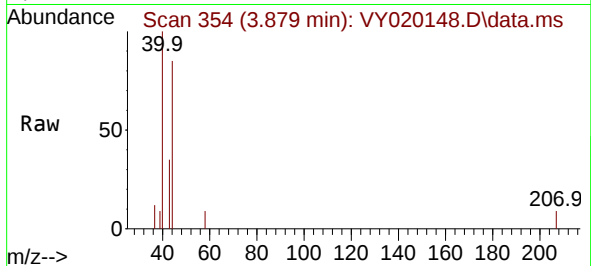




#16
Acetone
Concen: 2.149 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020148.D
Acq: 04 Nov 2024 17:20

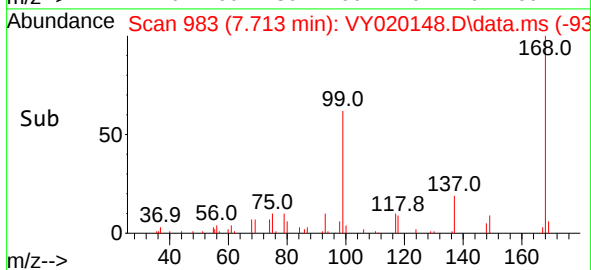
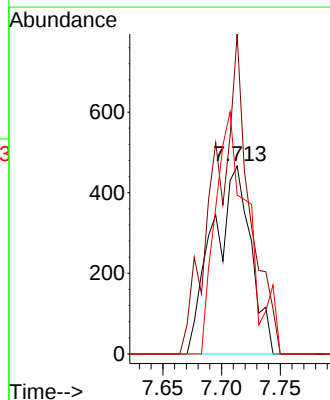
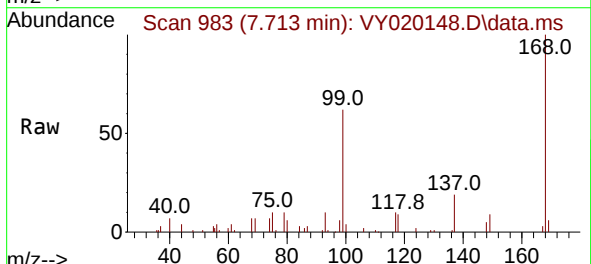
Instrument :
MSVOA_Y
ClientSampleId :

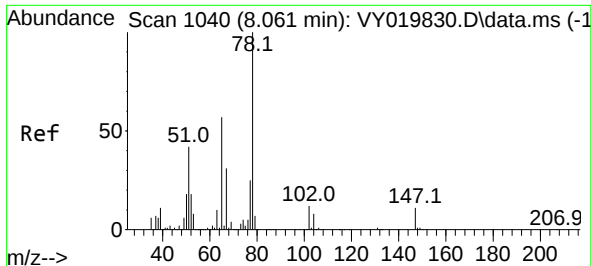
Tgt Ion: 43 Resp: 176
Ion Ratio Lower Upper
43 100
58 25.1 31.7 47.5#



#31
Cyclohexane
Concen: 1.655 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY020148.D
Acq: 04 Nov 2024 17:20

Tgt Ion: 56 Resp: 1058
Ion Ratio Lower Upper
56 100
69 170.4 28.7 43.1#
84 84.5 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 12.541 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY020148.D

Acq: 04 Nov 2024 17:20

Instrument :

MSVOA_Y

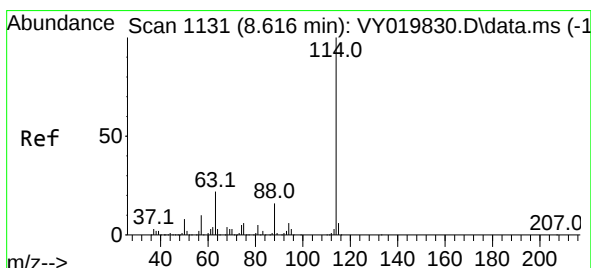
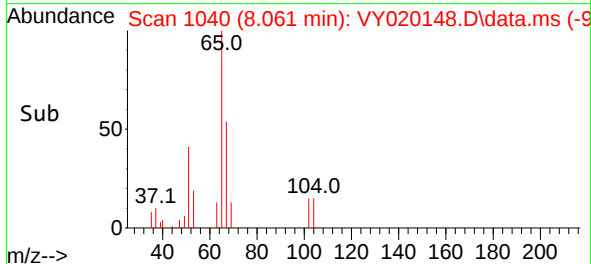
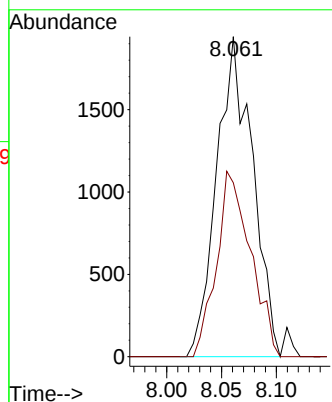
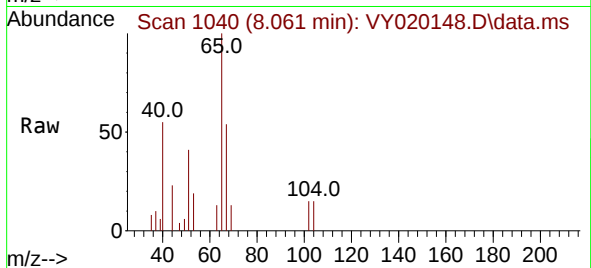
ClientSampleId :

Tgt Ion: 65 Resp: 4417

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020148.D

Acq: 04 Nov 2024 17:20

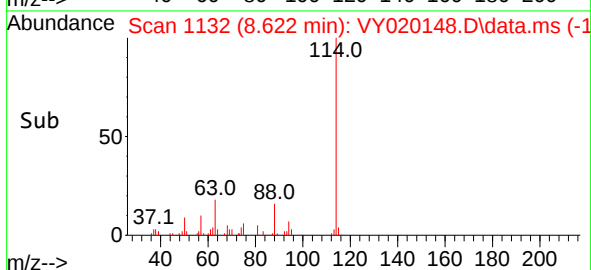
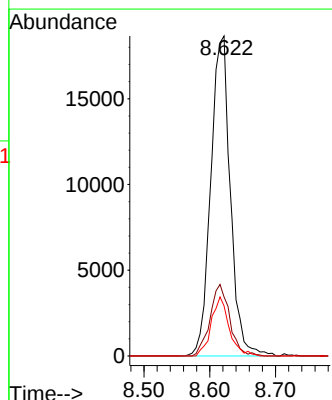
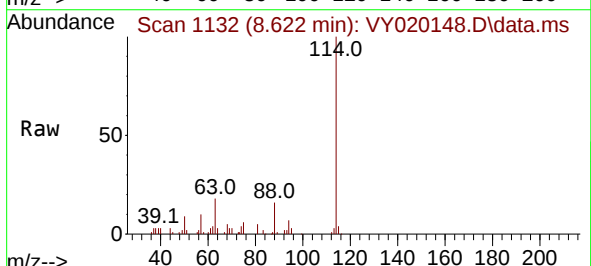
Tgt Ion: 114 Resp: 38712

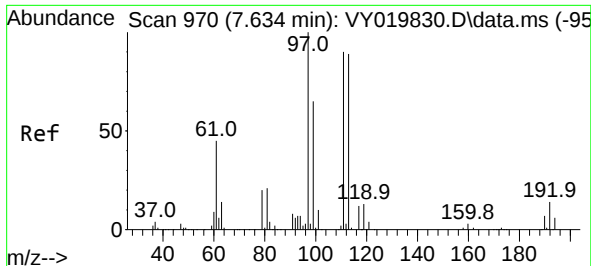
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

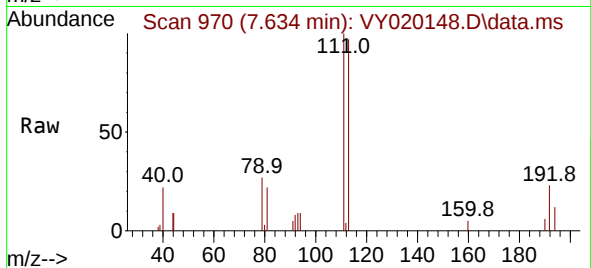
88 15.7 0.0 27.2



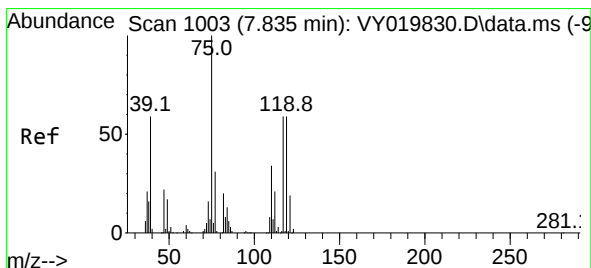
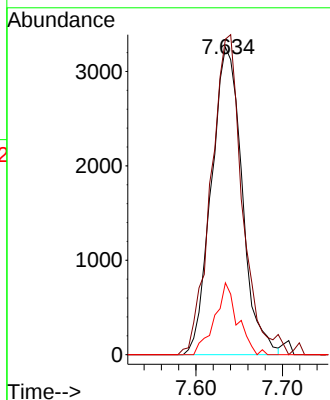
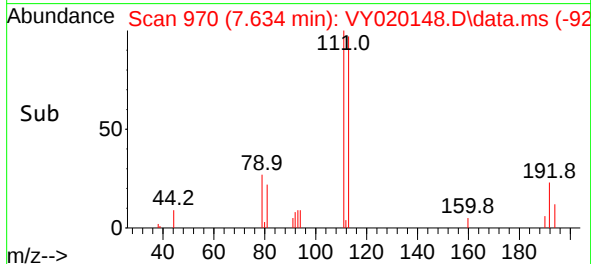


#35
Dibromofluoromethane
Concen: 32.564 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020148.D
Acq: 04 Nov 2024 17:20

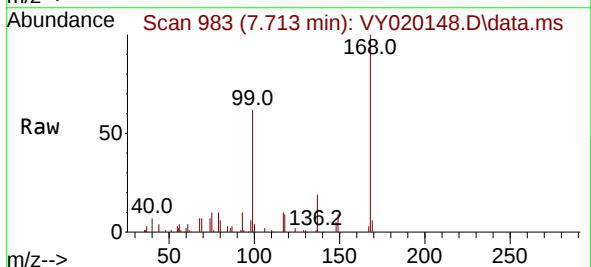
Instrument :
MSVOA_Y
ClientSampleId :



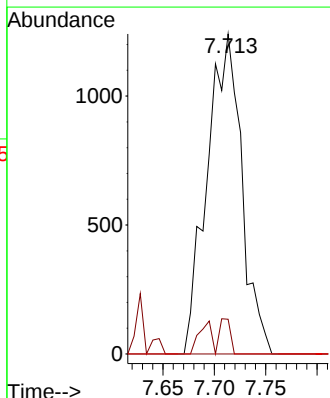
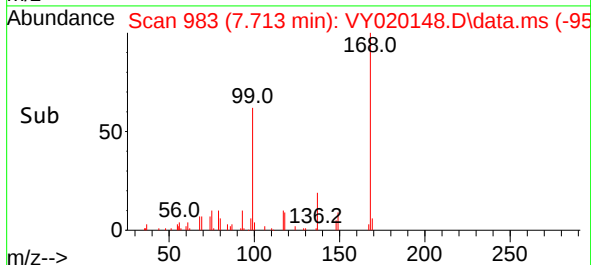
Tgt Ion:113 Resp: 8015
Ion Ratio Lower Upper
113 100
111 105.8 82.2 123.4
192 17.4 15.9 23.9

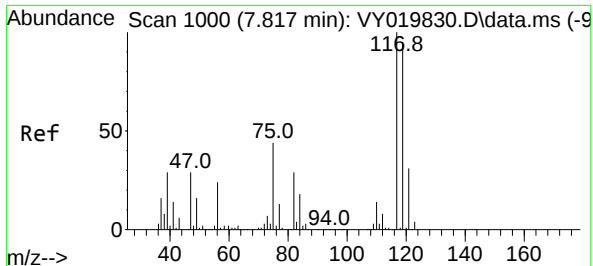


#36
1,1-Dichloropropene
Concen: 7.640 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY020148.D
Acq: 04 Nov 2024 17:20



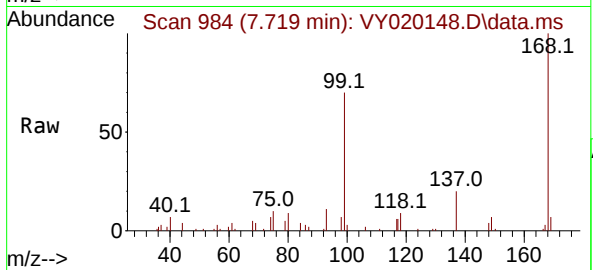
Tgt Ion: 75 Resp: 2905
Ion Ratio Lower Upper
75 100
110 3.4 19.0 57.0#
77 0.0 25.3 37.9#



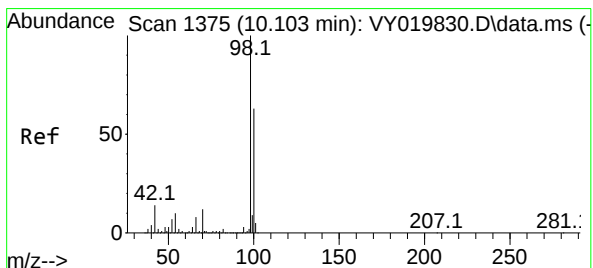
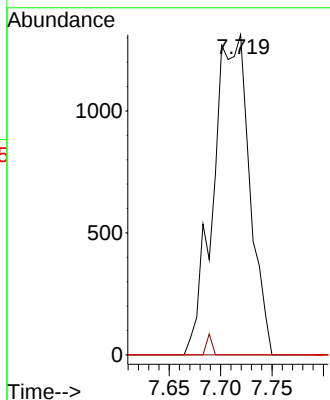
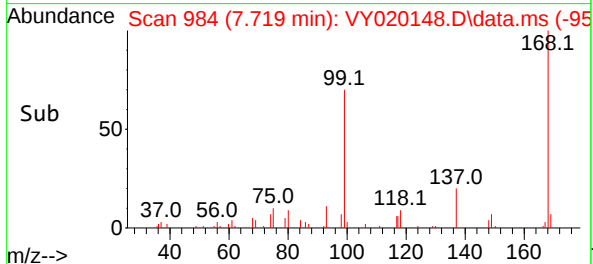


#38
Carbon Tetrachloride
Concen: 8.414 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY020148.D
Acq: 04 Nov 2024 17:20

Instrument :
MSVOA_Y
ClientSampleId :

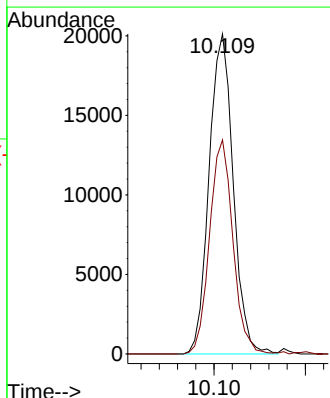
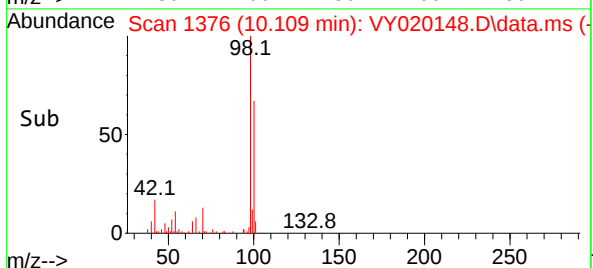
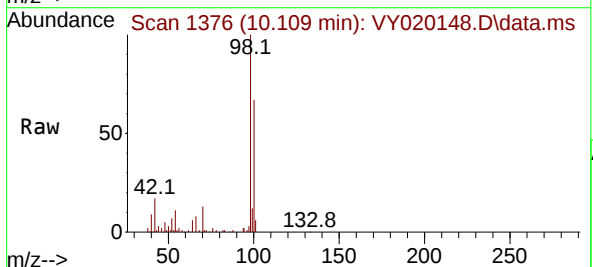


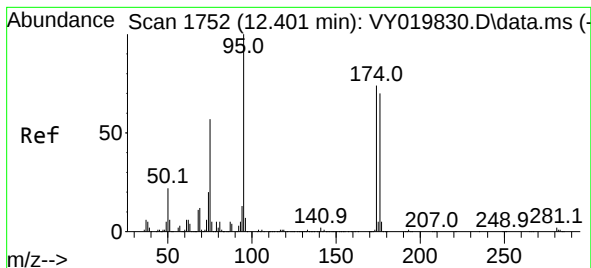
Tgt Ion:117 Resp: 3217
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 37.567 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020148.D
Acq: 04 Nov 2024 17:20

Tgt Ion: 98 Resp: 36805
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

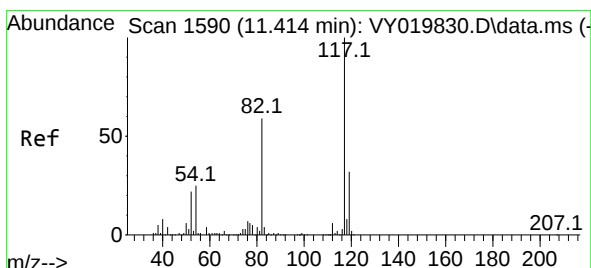
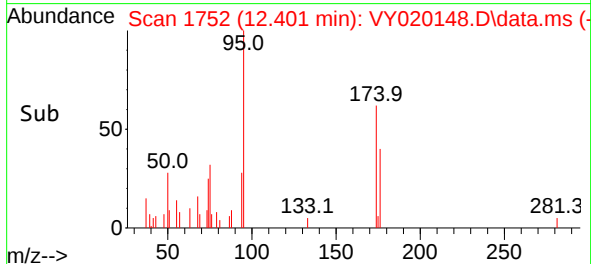
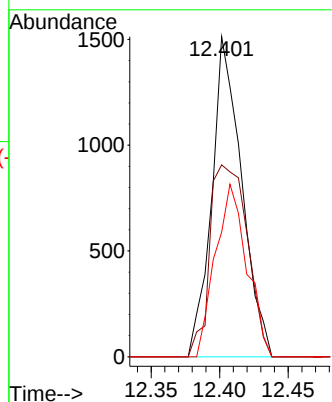
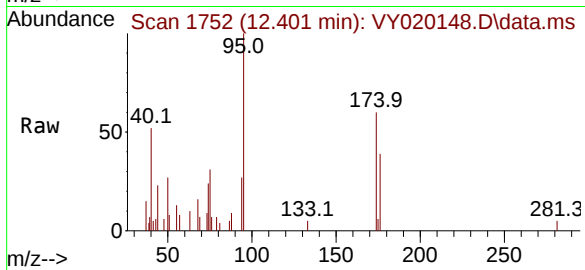




#62
4-Bromofluorobenzene
Concen: 7.212 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020148.D
Acq: 04 Nov 2024 17:20

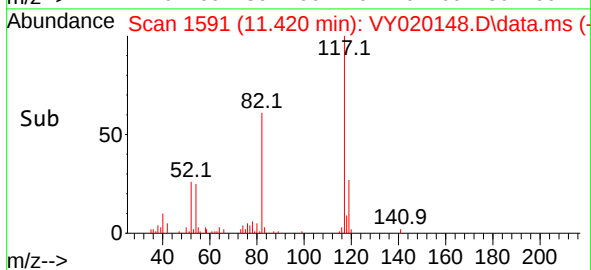
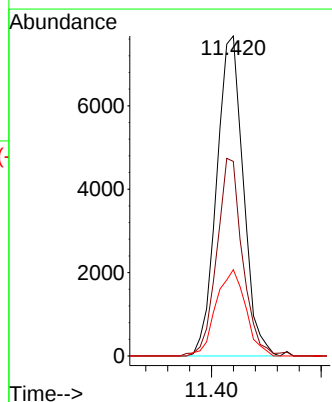
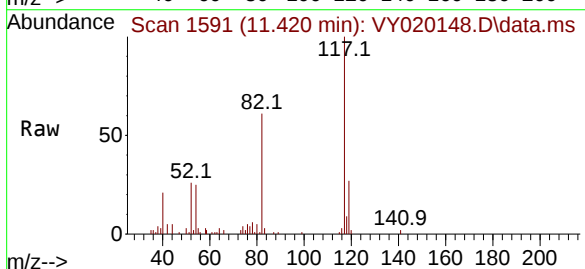
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MSVOA_Y
ClientSampleId :

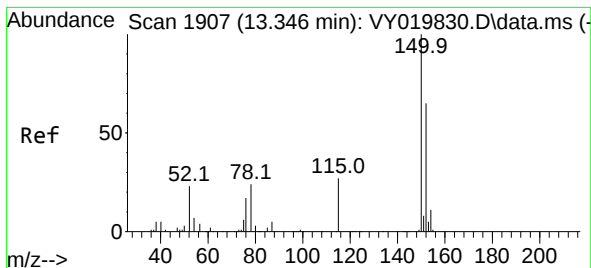
Tgt Ion: 95 Resp: 2295
Ion Ratio Lower Upper
95 100
174 75.2 0.0 175.6
176 56.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020148.D
Acq: 04 Nov 2024 17:20

Tgt Ion: 117 Resp: 12953
Ion Ratio Lower Upper
117 100
82 60.8 42.4 63.6
119 27.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY020148.D

Acq: 04 Nov 2024 17:20

Instrument :

MSVOA_Y

ClientSampleId :

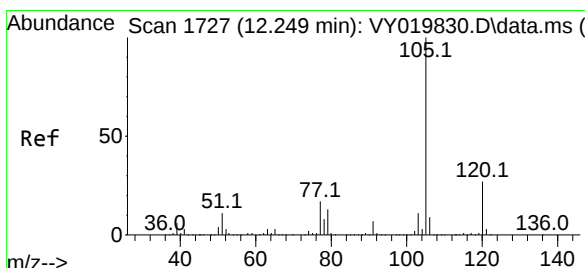
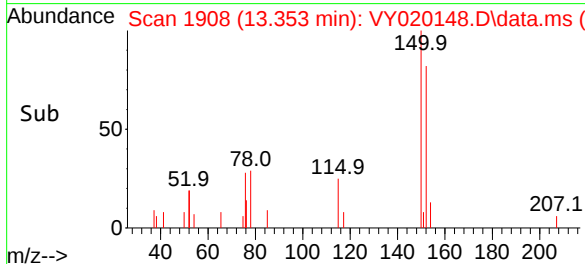
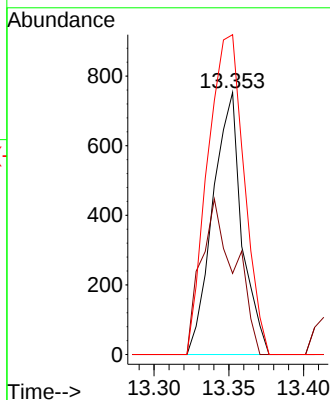
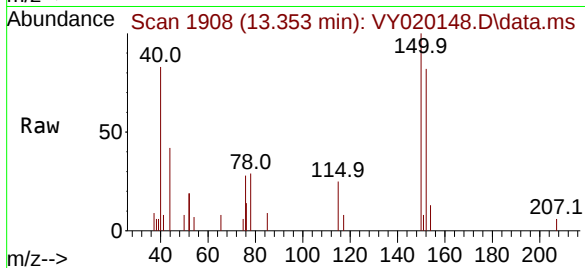
Tgt Ion:152 Resp: 1019

Ion Ratio Lower Upper

152 100

115 68.9 28.2 84.7

150 152.8 0.0 345.6



#73

Isopropylbenzene

Concen: 1.695 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY020148.D

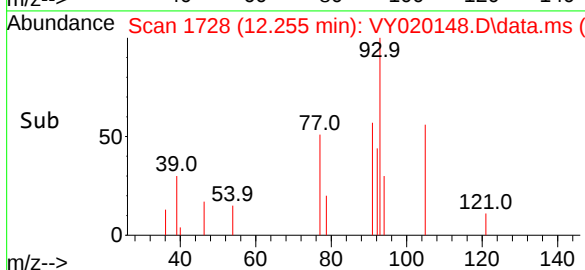
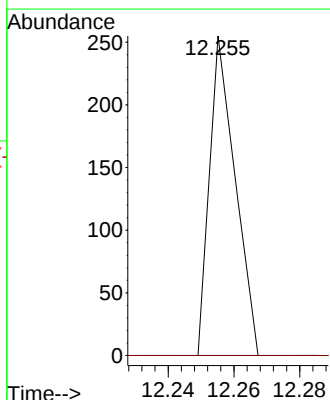
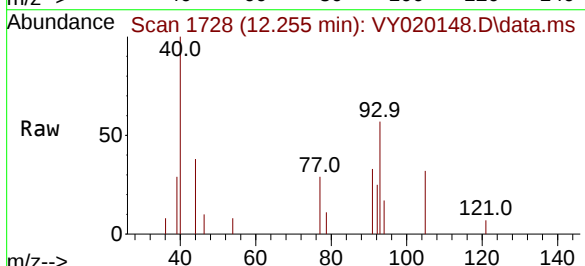
Acq: 04 Nov 2024 17:20

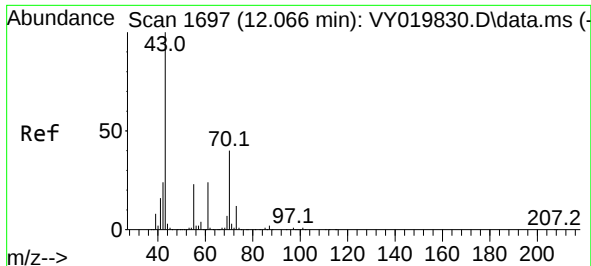
Tgt Ion:105 Resp: 138

Ion Ratio Lower Upper

105 100

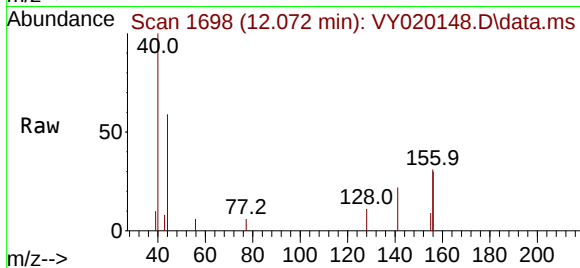
120 0.0 13.4 40.1#



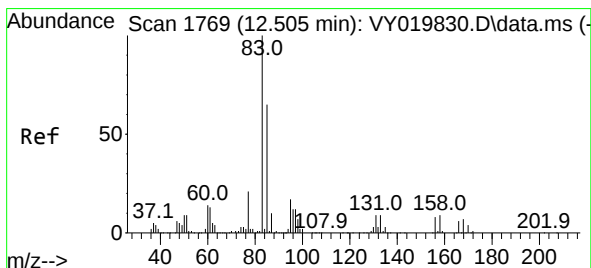
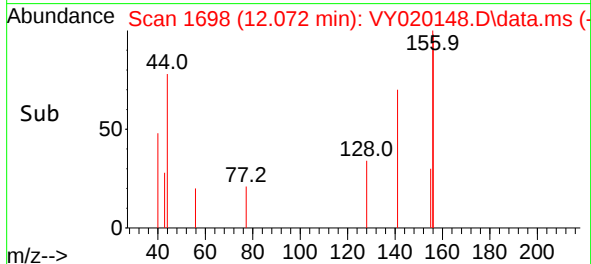
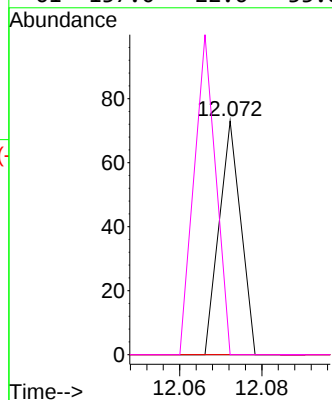


#74
N-amy1 acetate
Concen: 1.327 ug/l
RT: 12.072 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020148.D
Acq: 04 Nov 2024 17:20

Instrument :
MSVOA_Y
ClientSampleId :

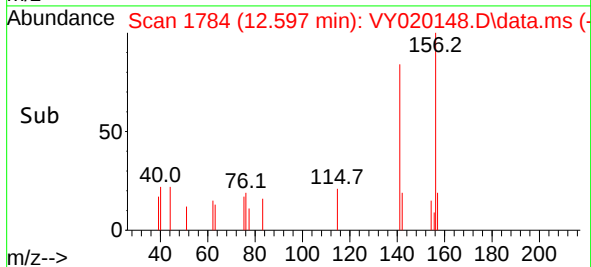
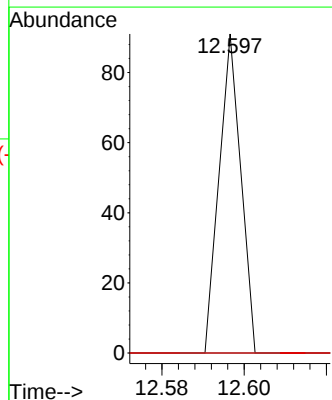
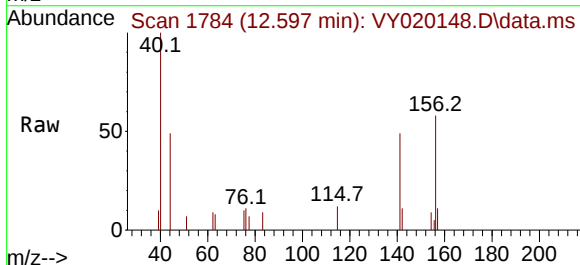


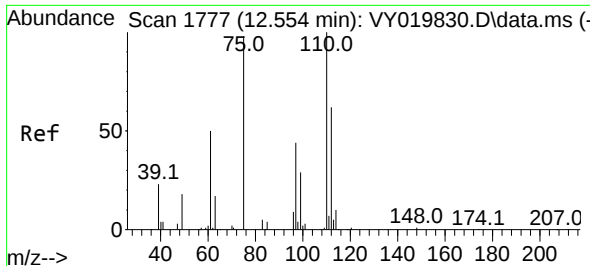
Tgt Ion: 43	Resp: 27
Ion Ratio	Lower Upper
43 100	
70 0.0	41.4 62.2#
55 0.0	23.3 34.9#
61 137.0	22.6 33.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 2.318 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.086 min
Lab File: VY020148.D
Acq: 04 Nov 2024 17:20

Tgt Ion: 83	Resp: 33		
Ion Ratio	Lower	Upper	
83 100			
131 0.0	5.0	14.9#	
85 0.0	32.0	96.0#	

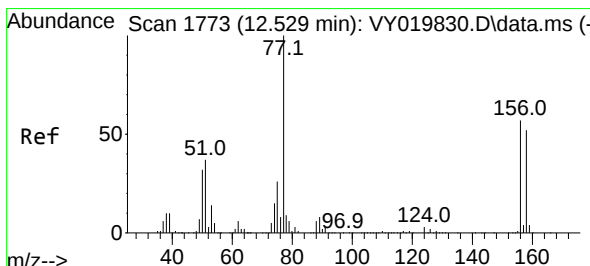
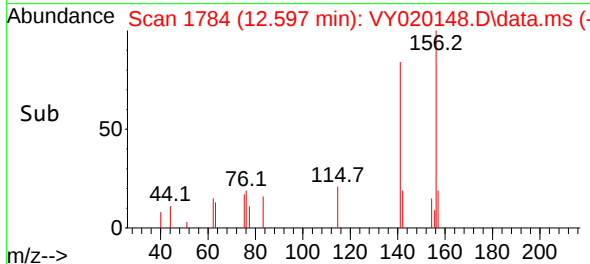
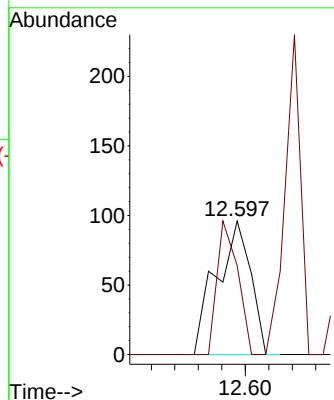
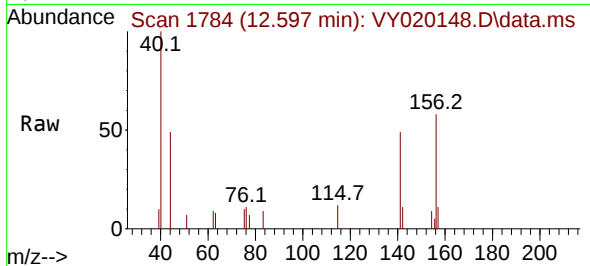




#76
1,2,3-Trichloropropane
Concen: 10.155 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.037 min
Lab File: VY020148.D
Acq: 04 Nov 2024 17:20

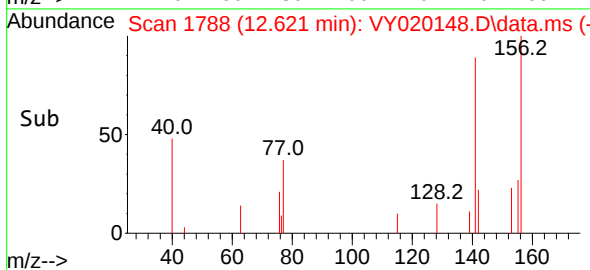
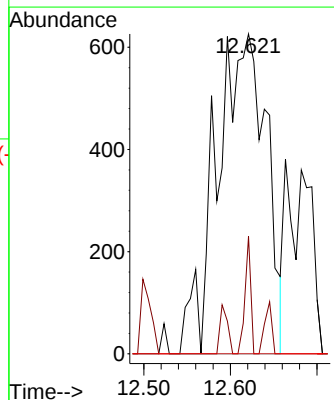
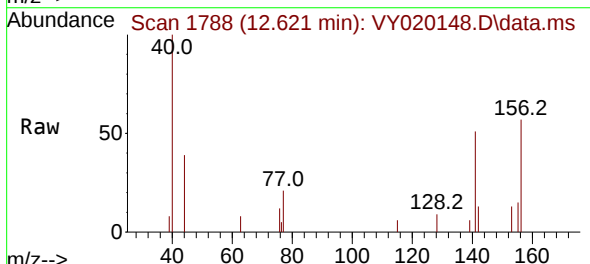
Instrument :
MSVOA_Y
ClientSampleId :

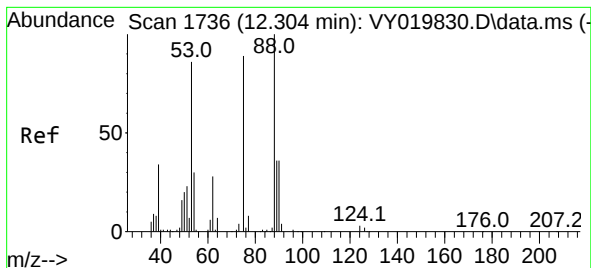
Tgt Ion: 75 Resp: 97
Ion Ratio Lower Upper
75 100
77 60.8 0.0 0.0#



#77
Bromobenzene
Concen: 151.917 ug/l
RT: 12.621 min Scan# 1788
Delta R.T. 0.086 min
Lab File: VY020148.D
Acq: 04 Nov 2024 17:20

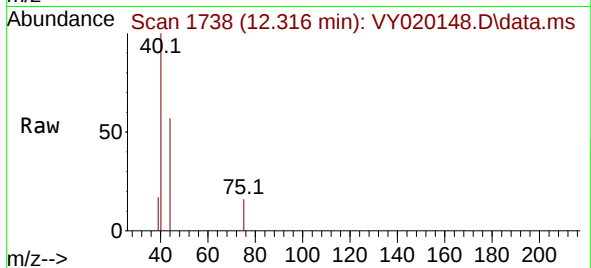
Tgt Ion: 156 Resp: 2501
Ion Ratio Lower Upper
156 100
77 4.2 87.1 261.3#
158 0.0 48.6 145.9#



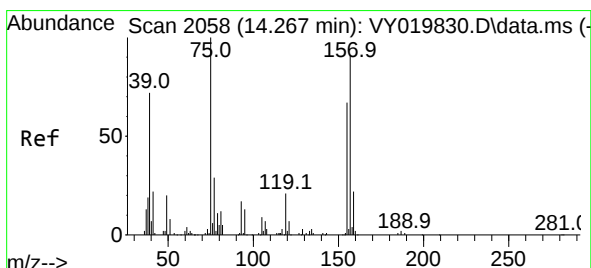
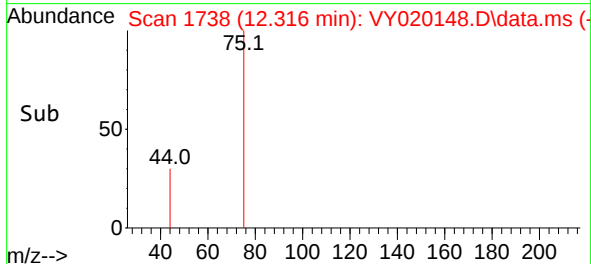
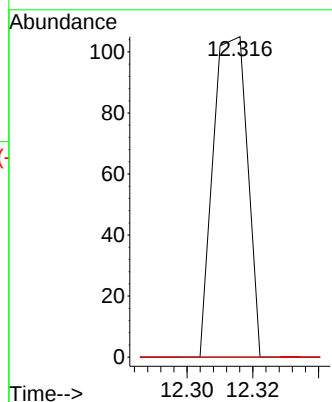


#81
trans-1,4-Dichloro-2-butene
Concen: 17.114 ug/l
RT: 12.316 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY020148.D
Acq: 04 Nov 2024 17:20

Instrument :
MSVOA_Y
ClientSampleId :

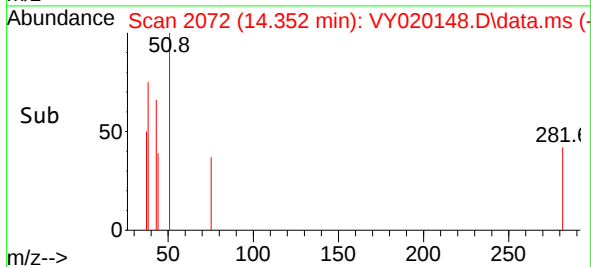
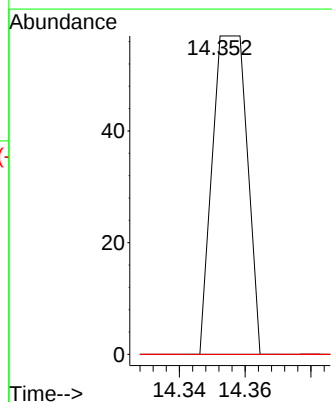
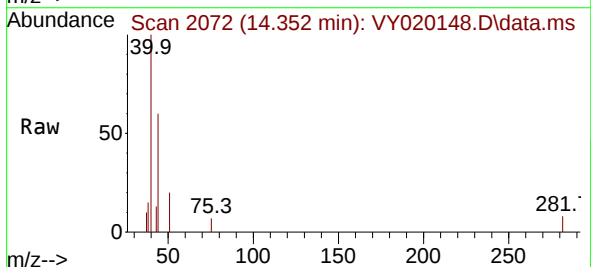


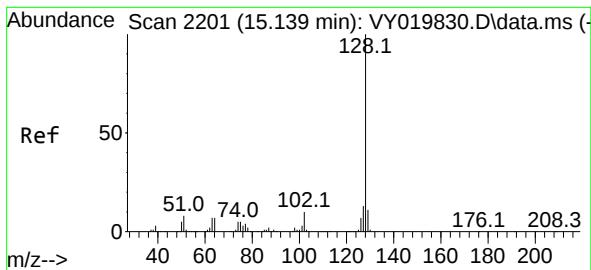
Tgt Ion: 75 Resp: 76
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.453 ug/l
RT: 14.352 min Scan# 2072
Delta R.T. 0.080 min
Lab File: VY020148.D
Acq: 04 Nov 2024 17:20

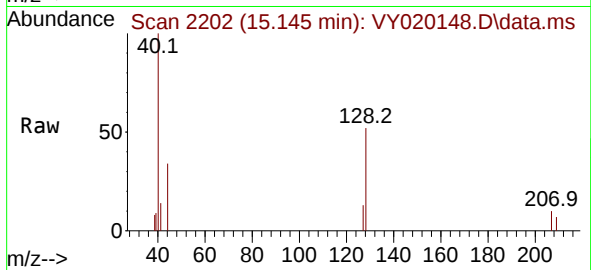
Tgt Ion: 75 Resp: 42
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#





#95
Naphthalene
Concen: 24.322 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020148.D
Acq: 04 Nov 2024 17:20

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 710
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 0.0 8.6 13.0#

