

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020184.D
 Acq On : 06 Nov 2024 16:16
 Operator : SY/MD
 Sample : P4697-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 00:28:13 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)

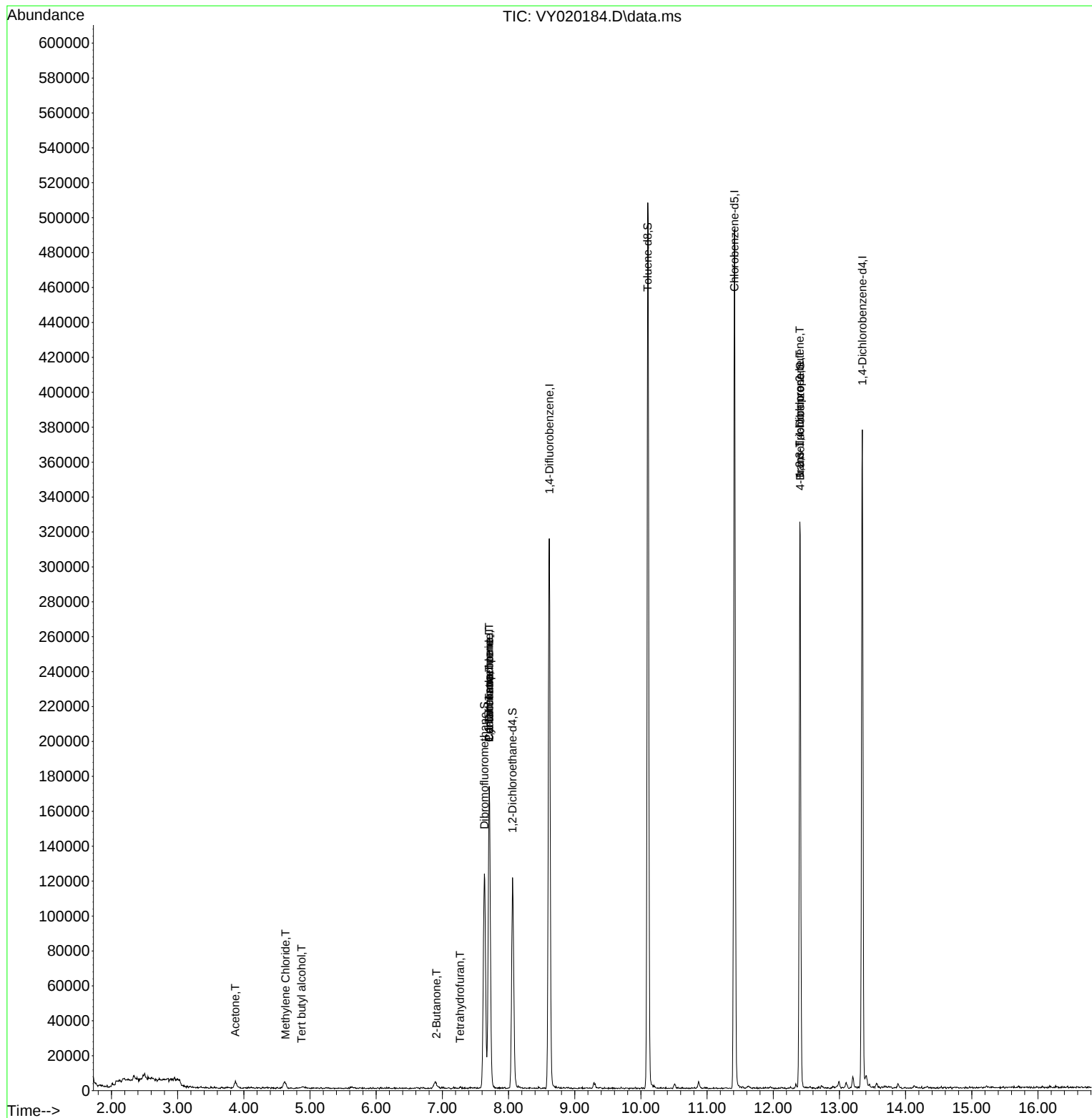
Internal Standards						
1) Pentafluorobenzene	7.707	168	118682	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	248904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	233381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	82304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	91853	62.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.020%	
35) Dibromofluoromethane	7.634	113	86406	54.600	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.200%	
50) Toluene-d8	10.103	98	318237	50.520	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.040%	
62) 4-Bromofluorobenzene	12.408	95	93037	45.471	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 90.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	773	7.255	ug/l	# 88
16) Acetone	3.873	43	6235	18.100	ug/l	88
20) Methylene Chloride	4.629	84	2034	1.314	ug/l	# 86
25) 2-Butanone	6.909	43	1675	3.587	ug/l	# 77
29) Tetrahydrofuran	7.268	42	395	1.466	ug/l	# 26
31) Cyclohexane	7.707	56	3591	1.336	ug/l	# 49
36) 1,1-Dichloropropene	7.707	75	12240	5.007	ug/l	# 49
38) Carbon Tetrachloride	7.707	117	13194	5.367	ug/l	# 16
76) 1,2,3-Trichloropropane	12.402	75	56303	72.977	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	56303	156.972	ug/l	# 16

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

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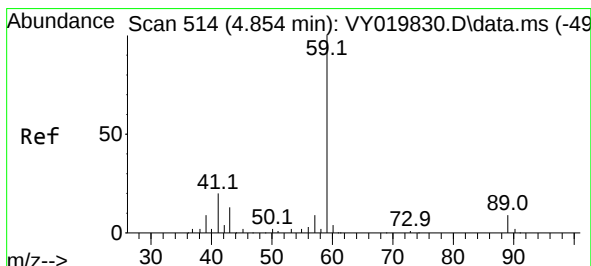
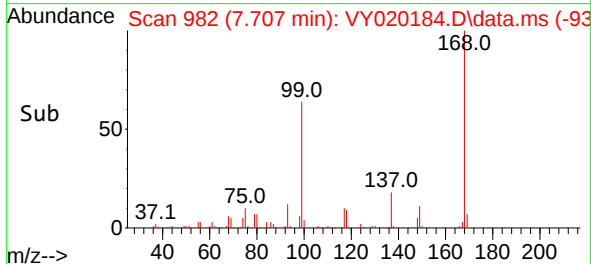
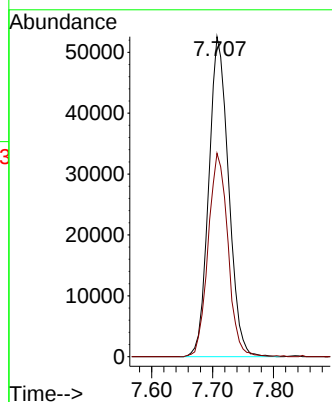
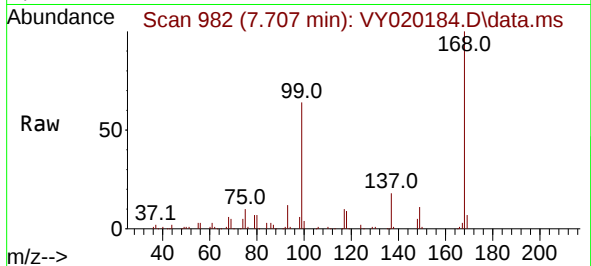




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020184.D
Acq: 06 Nov 2024 16:16

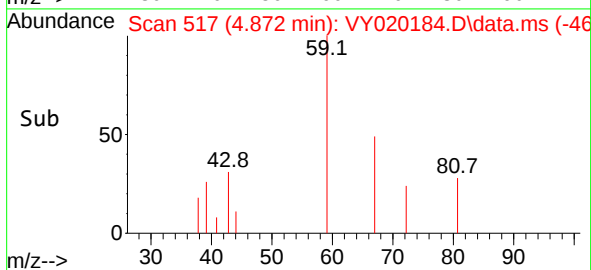
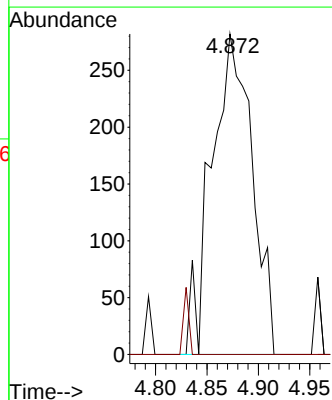
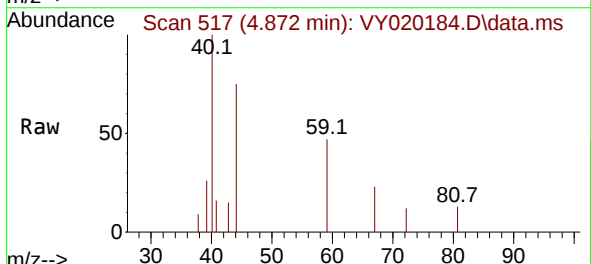
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 118682
Ion Ratio Lower Upper
168 100
99 63.5 39.1 58.7#



#11
Tert butyl alcohol
Concen: 7.255 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY020184.D
Acq: 06 Nov 2024 16:16

Tgt Ion: 59 Resp: 773
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 18.100 ug/l

RT: 3.873 min Scan# 3

Delta R.T. 0.000 min

Lab File: VY020184.D

Acq: 06 Nov 2024 16:16

Instrument :

MSVOA_Y

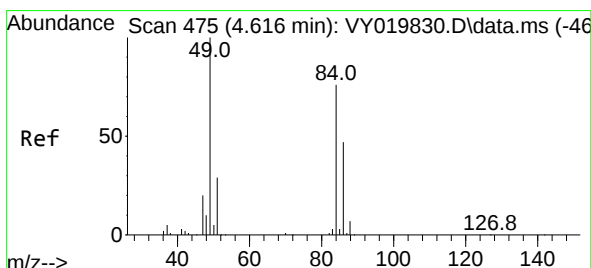
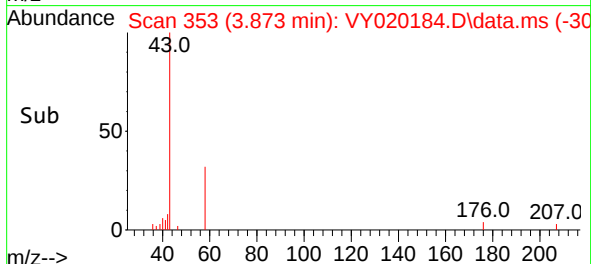
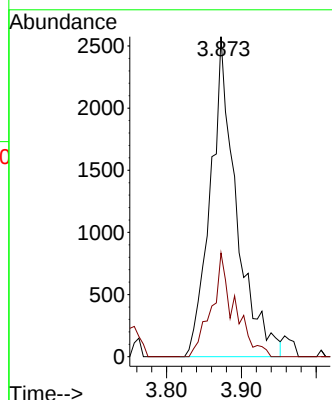
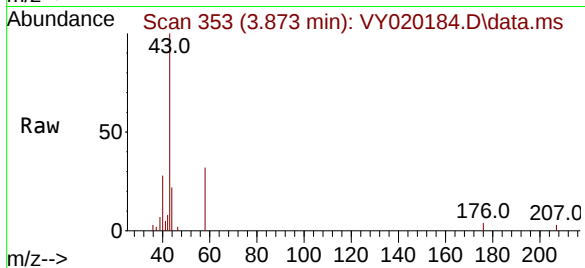
ClientSampleId :

Tgt Ion: 43 Resp: 6235

Ion Ratio Lower Upper

43 100

58 32.4 31.7 47.5



#20

Methylene Chloride

Concen: 1.314 ug/l

RT: 4.629 min Scan# 477

Delta R.T. 0.013 min

Lab File: VY020184.D

Acq: 06 Nov 2024 16:16

Tgt Ion: 84 Resp: 2034

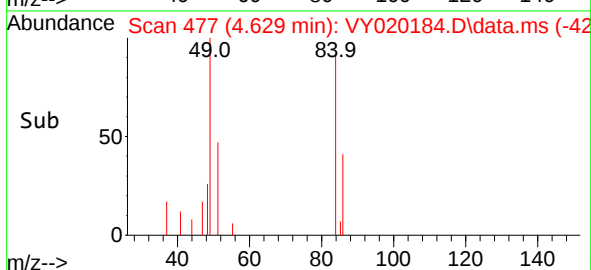
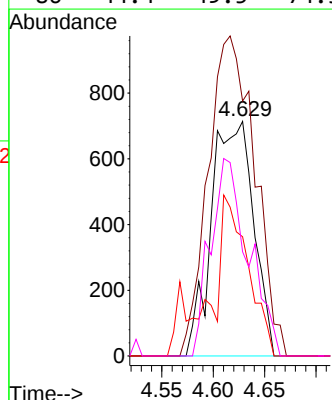
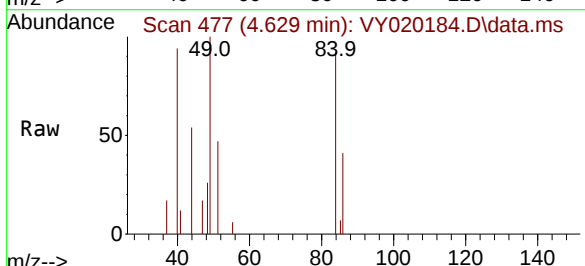
Ion Ratio Lower Upper

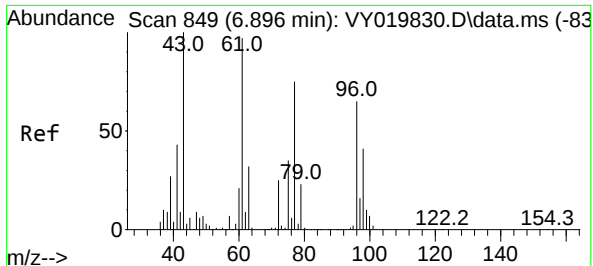
84 100

49 108.7 84.4 126.6

51 50.8 26.0 39.0#

86 44.4 49.5 74.3#





#25

2-Butanone

Concen: 3.587 ug/l

RT: 6.909 min Scan# 81

Delta R.T. 0.019 min

Lab File: VY020184.D

Acq: 06 Nov 2024 16:16

Instrument :

MSVOA_Y

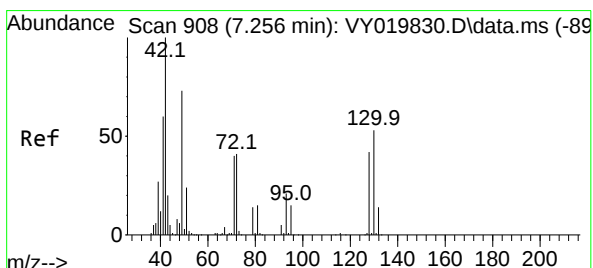
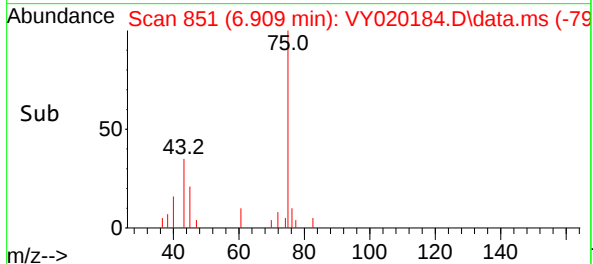
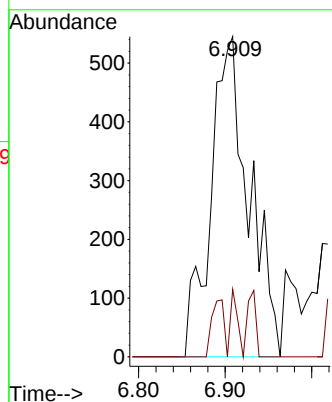
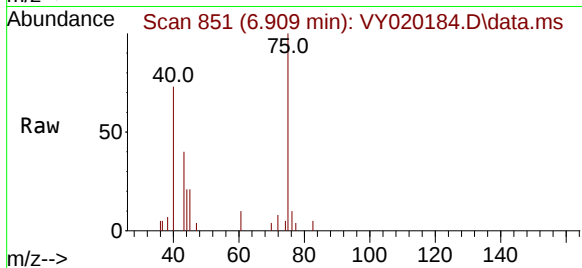
ClientSampleId :

Tgt Ion: 43 Resp: 1675

Ion Ratio Lower Upper

43 100

72 21.1 27.3 40.9#



#29

Tetrahydrofuran

Concen: 1.466 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY020184.D

Acq: 06 Nov 2024 16:16

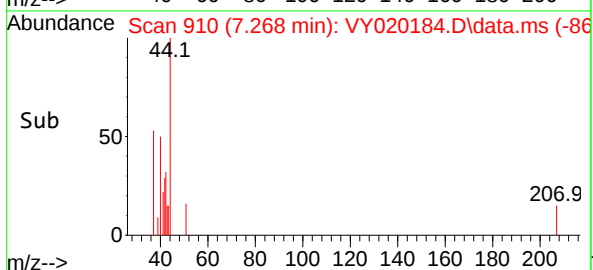
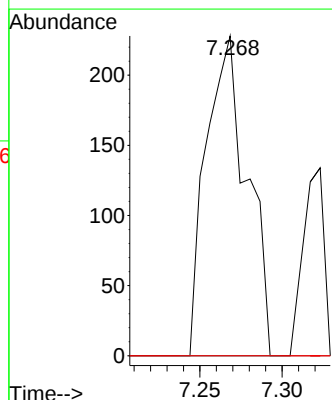
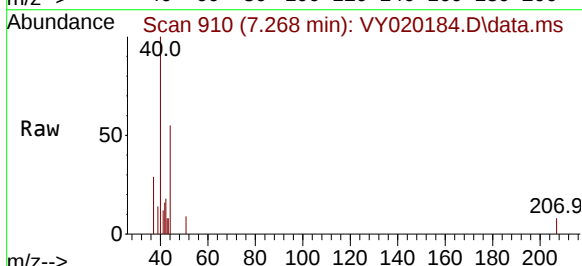
Tgt Ion: 42 Resp: 395

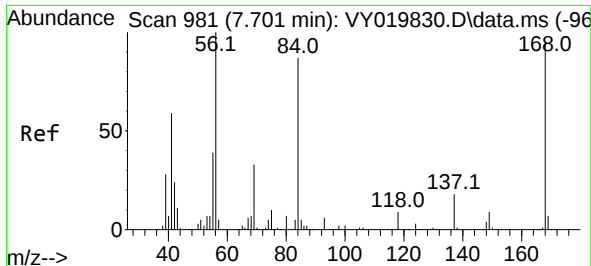
Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

71 0.0 40.8 61.2#

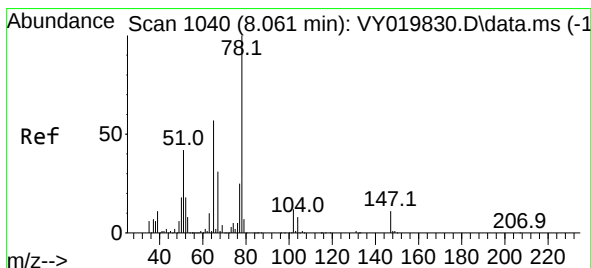
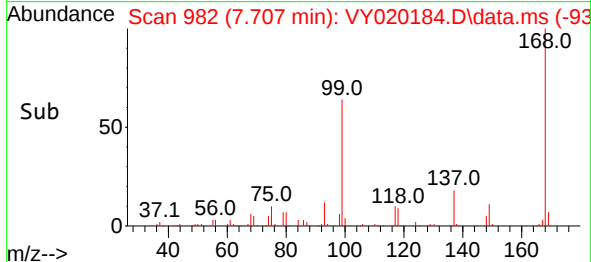
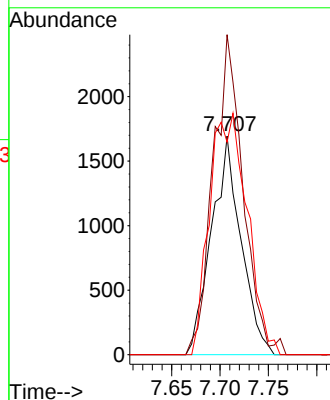
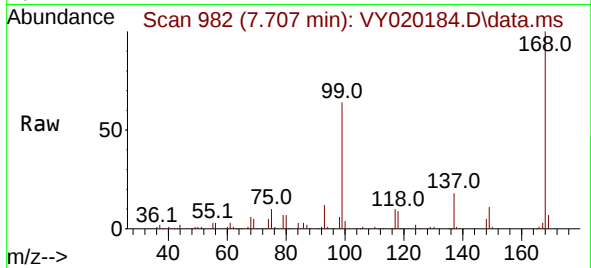




#31
Cyclohexane
Concen: 1.336 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020184.D
Acq: 06 Nov 2024 16:16

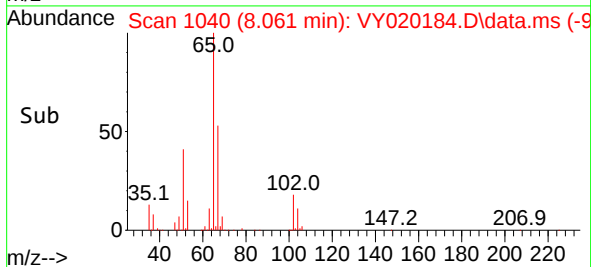
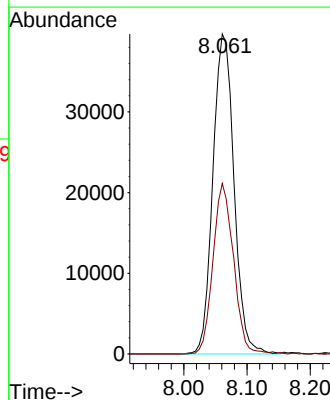
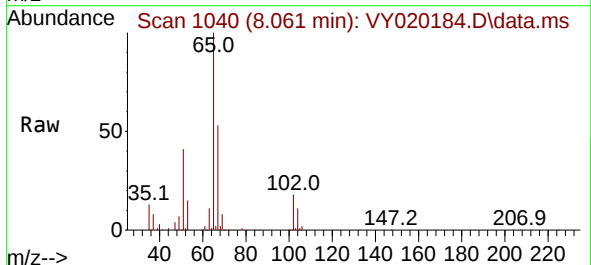
Instrument :
MSVOA_Y
ClientSampleId :

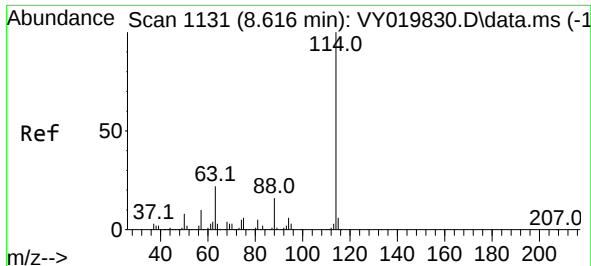
Tgt Ion: 56 Resp: 3591
Ion Ratio Lower Upper
56 100
69 146.4 28.7 43.1#
84 97.2 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 62.011 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020184.D
Acq: 06 Nov 2024 16:16

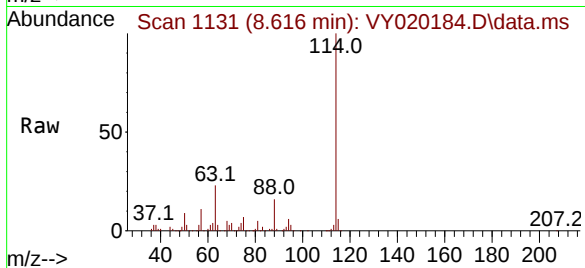
Tgt Ion: 65 Resp: 91853
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.6



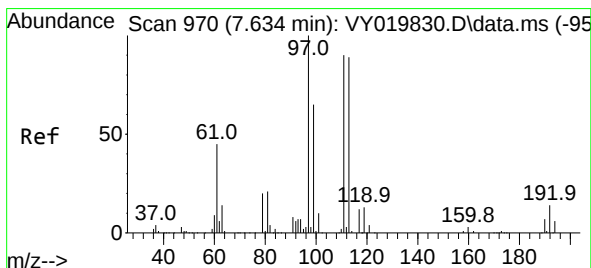
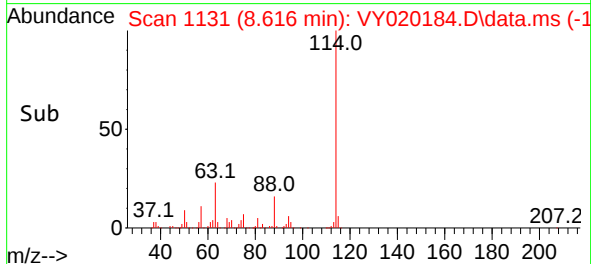
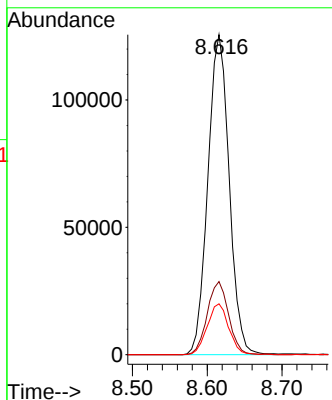


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020184.D
Acq: 06 Nov 2024 16:16

Instrument :
MSVOA_Y
ClientSampleId :

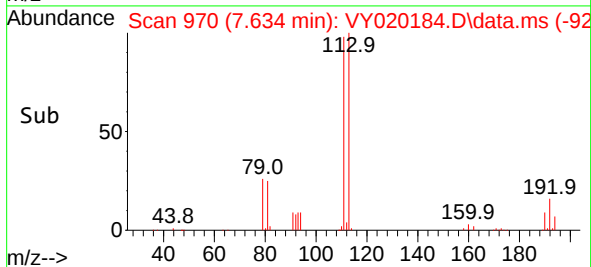
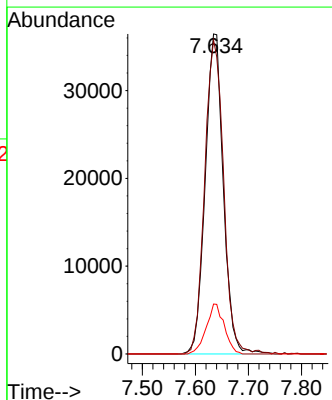
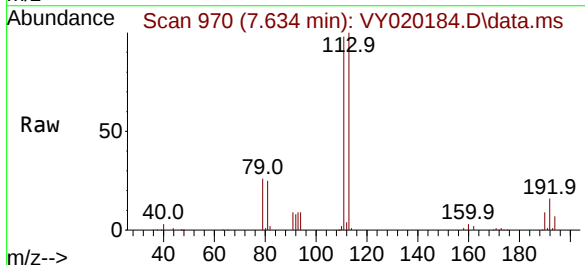


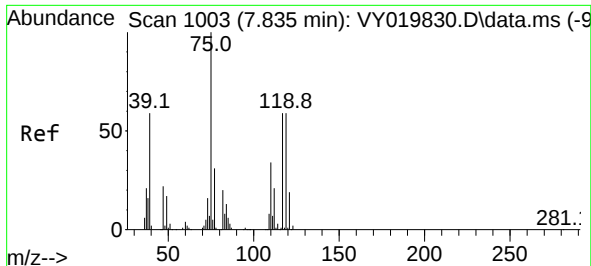
Tgt Ion:114 Resp: 248904
Ion Ratio Lower Upper
114 100
63 22.8 0.0 35.0
88 15.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 54.600 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020184.D
Acq: 06 Nov 2024 16:16

Tgt Ion:113 Resp: 86406
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 15.5 15.9 23.9#





#36

1,1-Dichloropropene

Concen: 5.007 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

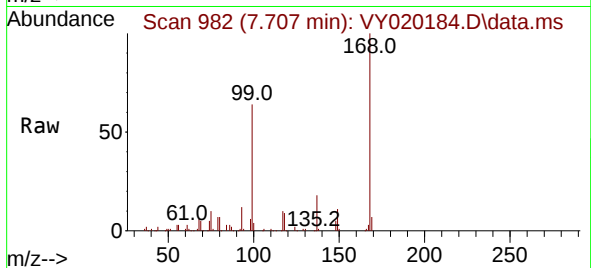
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Acq: 06 Nov 2024 16:16

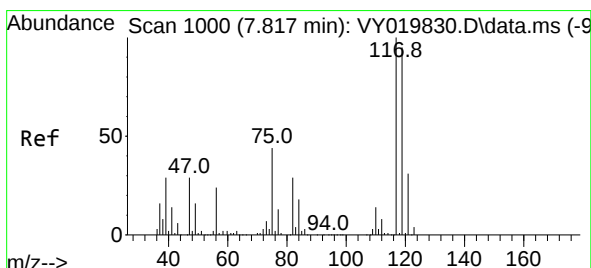
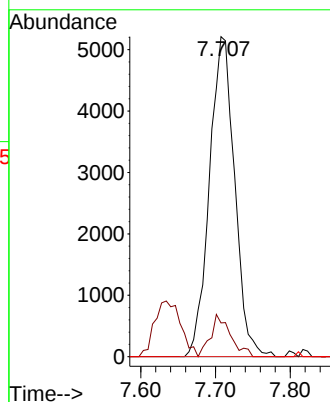
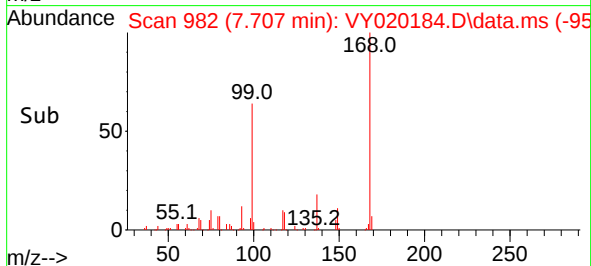
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 12240
Ion Ratio	Lower Upper
75 100	
110 10.4	19.0 57.0#
77 0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.367 ug/l

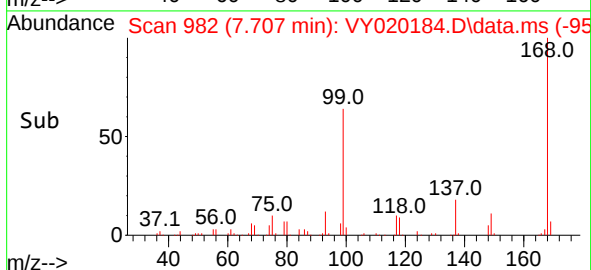
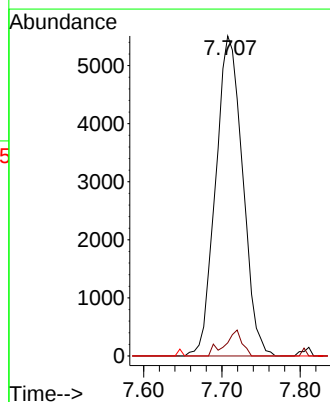
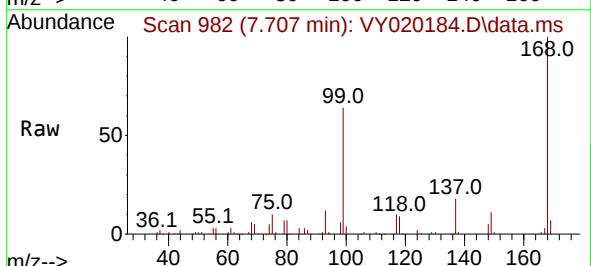
RT: 7.707 min Scan# 982

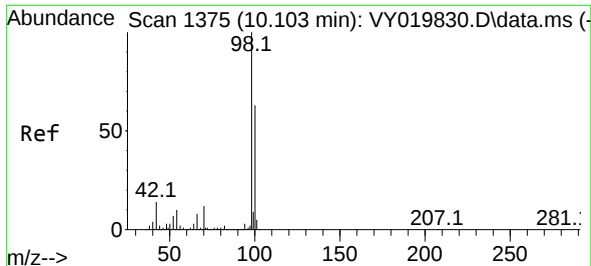
Delta R.T. -0.109 min

Lab File: VY020184.D

Acq: 06 Nov 2024 16:16

Tgt Ion: 117	Resp: 13194
Ion Ratio	Lower Upper
117 100	
119 4.1	75.8 113.6#
121 0.0	24.0 36.0#

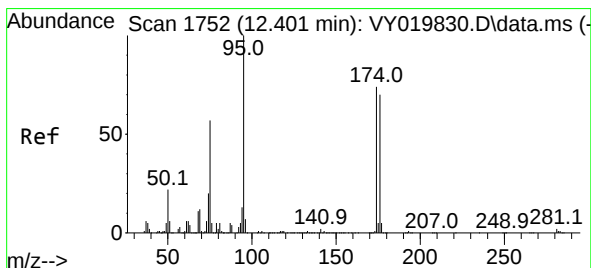
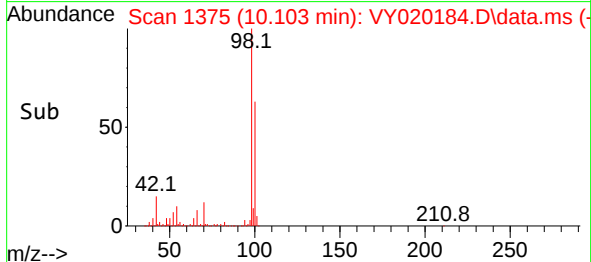
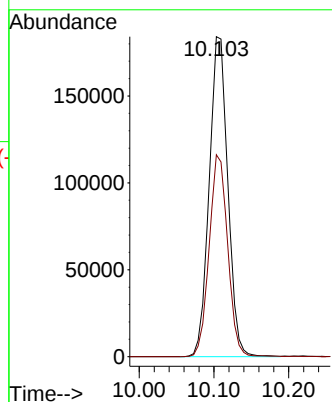
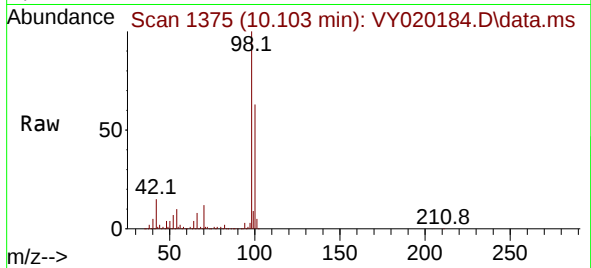




#50
Toluene-d8
Concen: 50.520 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020184.D
Acq: 06 Nov 2024 16:16

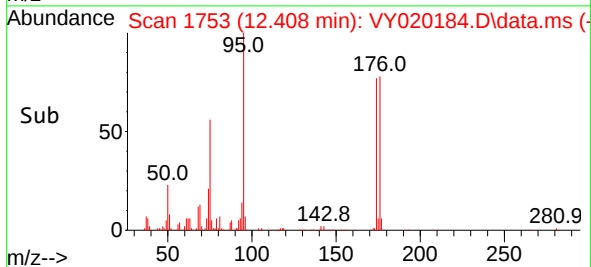
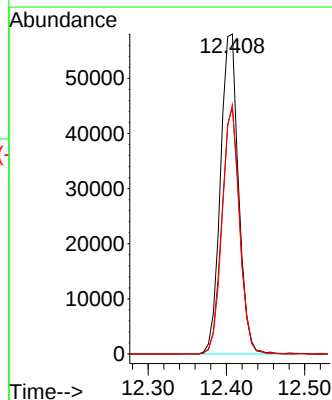
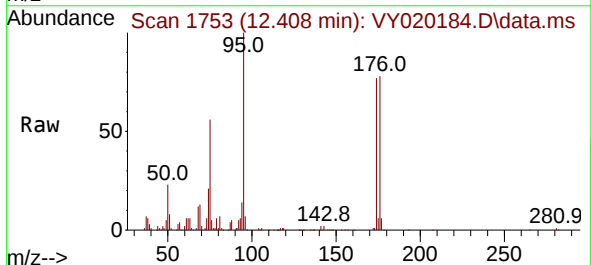
Instrument :
MSVOA_Y
ClientSampleId :

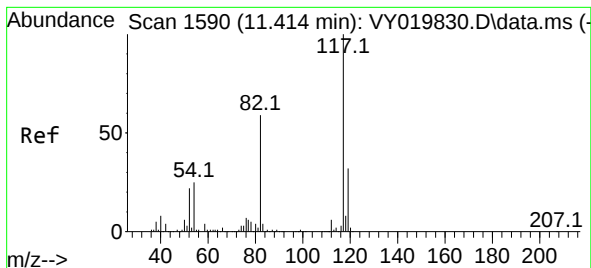
Tgt Ion: 98 Resp: 318237
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.471 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020184.D
Acq: 06 Nov 2024 16:16

Tgt Ion: 95 Resp: 93037
Ion Ratio Lower Upper
95 100
174 76.1 0.0 175.6
176 74.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020184.D

Acq: 06 Nov 2024 16:16

Instrument :

MSVOA_Y

ClientSampleId :

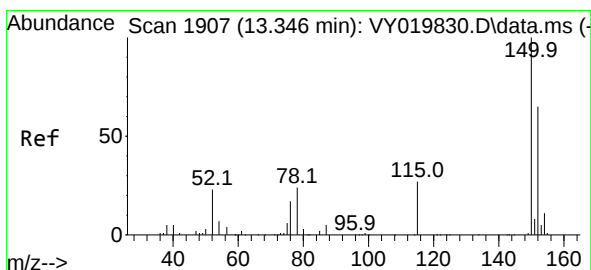
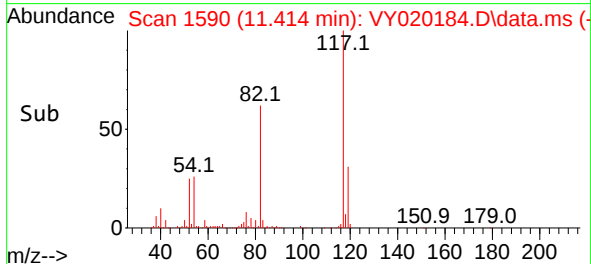
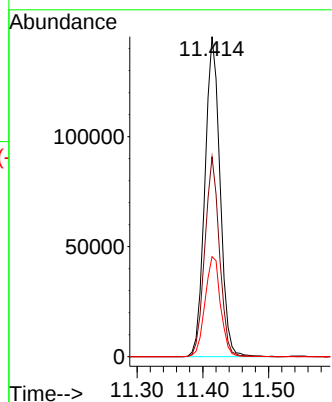
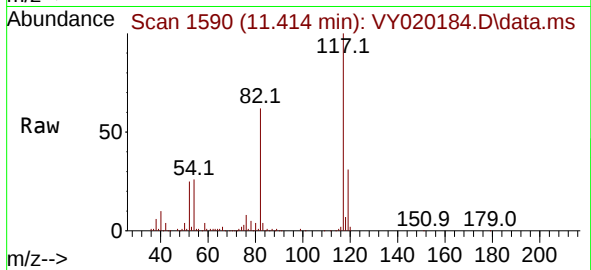
Tgt Ion:117 Resp: 233381

Ion Ratio Lower Upper

117 100

82 62.4 42.4 63.6

119 31.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020184.D

Acq: 06 Nov 2024 16:16

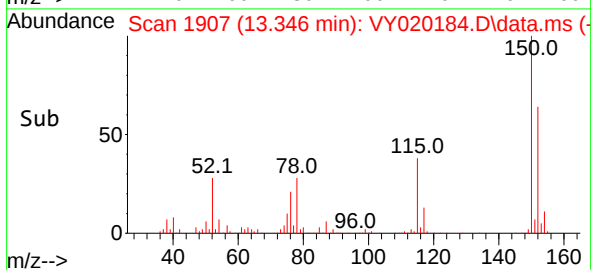
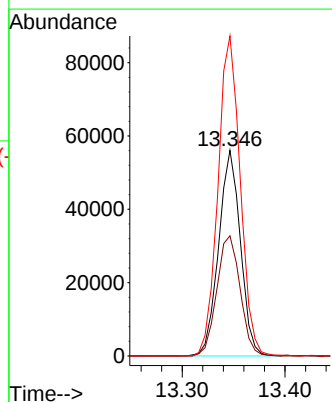
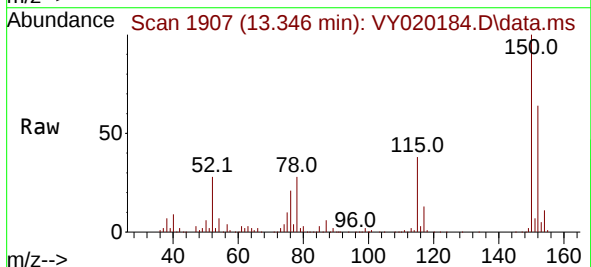
Tgt Ion:152 Resp: 82304

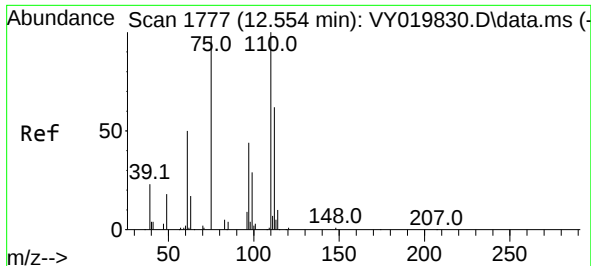
Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 159.2 0.0 345.6

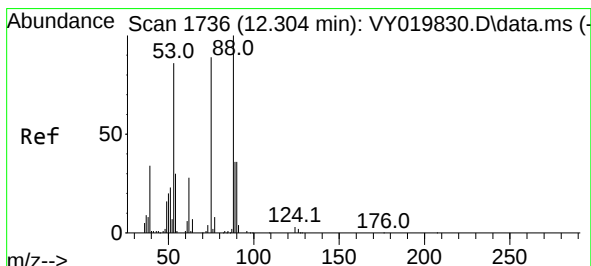
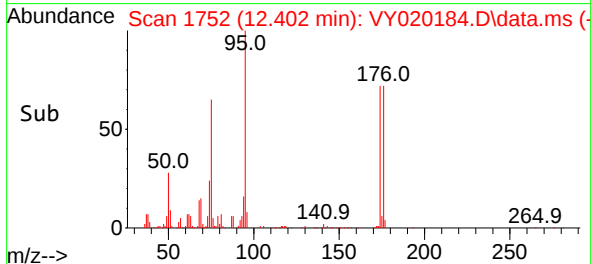
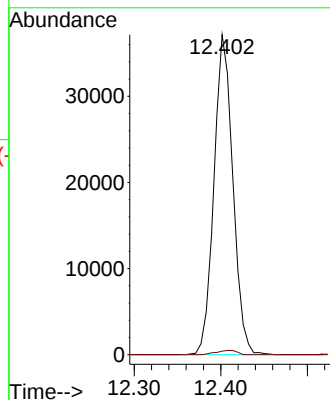
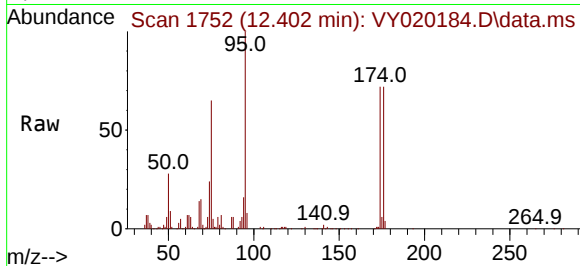




#76
1,2,3-Trichloropropane
Concen: 72.977 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020184.D
Acq: 06 Nov 2024 16:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 56303
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 156.972 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020184.D
Acq: 06 Nov 2024 16:16

Tgt Ion: 75 Resp: 56303
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

