

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020103.D
 Acq On : 31 Oct 2024 18:32
 Operator : SY/MD
 Sample : P4616-07
 Misc : 5.85g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:51:43 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)

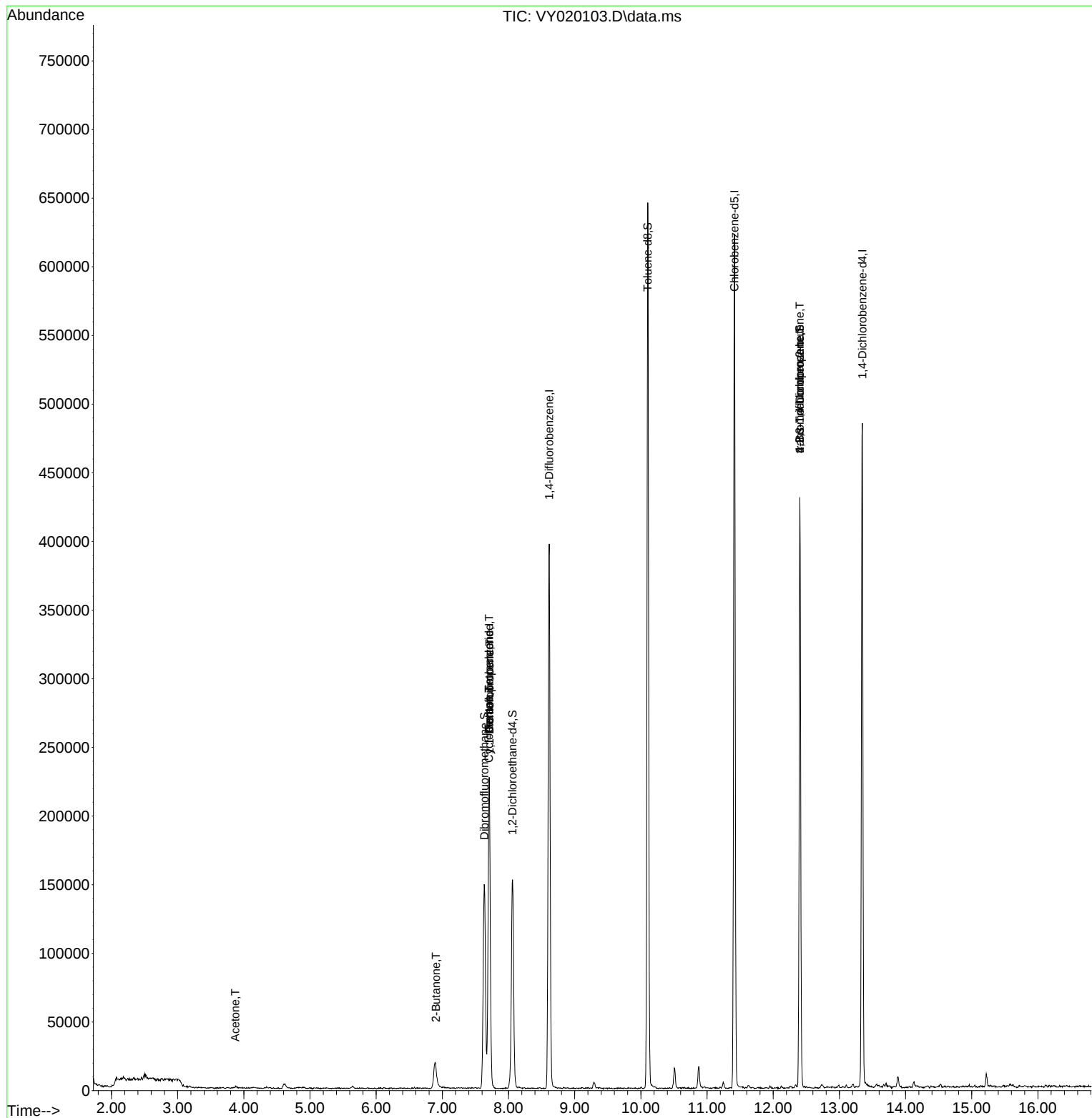
Internal Standards						
1) Pentafluorobenzene	7.707	168	155732	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	317541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	290141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	110191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	116278	59.825	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.640%	
35) Dibromofluoromethane	7.634	113	105670	52.340	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.680%	
50) Toluene-d8	10.103	98	388697	48.368	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.740%	
62) 4-Bromofluorobenzene	12.401	95	121486	46.542	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.080%	
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	1881	4.161	ug/l	# 63
25) 2-Butanone	6.902	43	1530	2.497	ug/l	# 65
31) Cyclohexane	7.701	56	5025	1.425	ug/l	# 57
36) 1,1-Dichloropropene	7.713	75	16109	5.165	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	17789	5.672	ug/l	# 17
76) 1,2,3-Trichloropropane	12.401	75	71019	68.755	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	71019	147.890	ug/l	# 16

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

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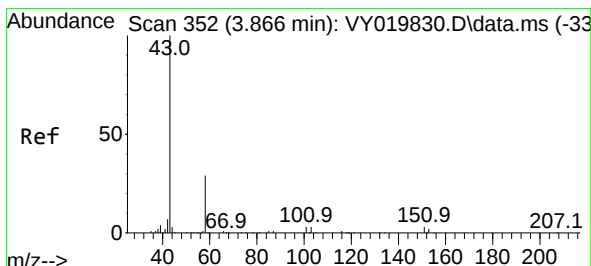
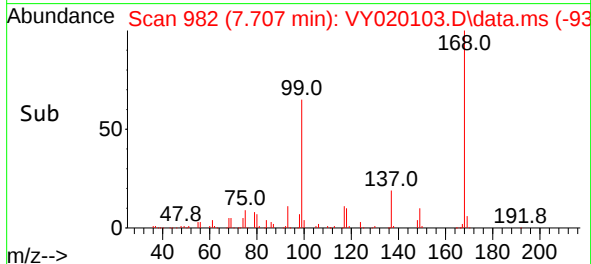
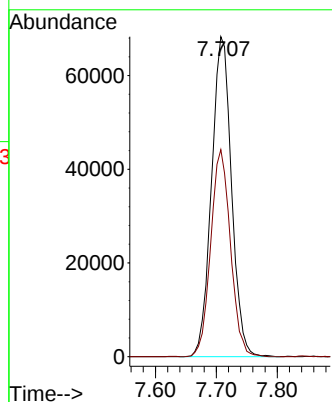
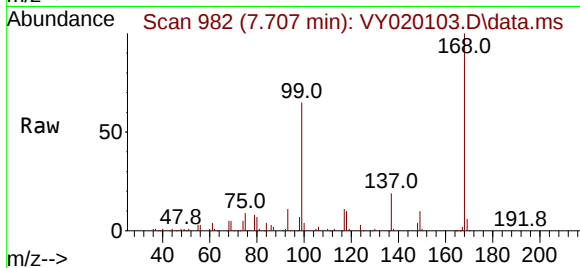




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020103.D
Acq: 31 Oct 2024 18:32

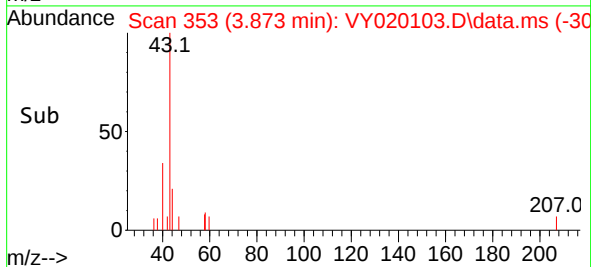
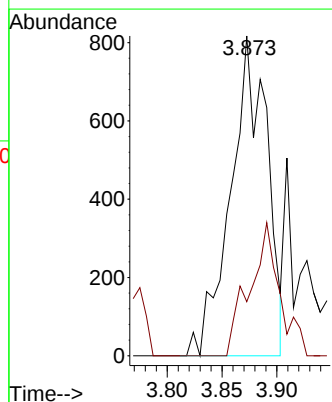
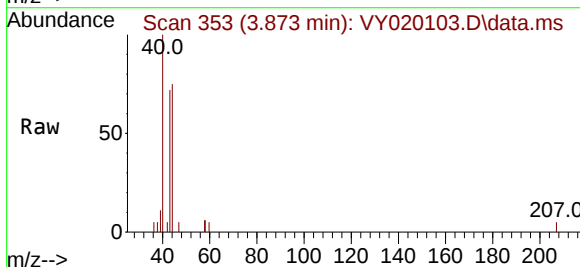
Instrument :
MSVOA_Y
ClientSampleId :

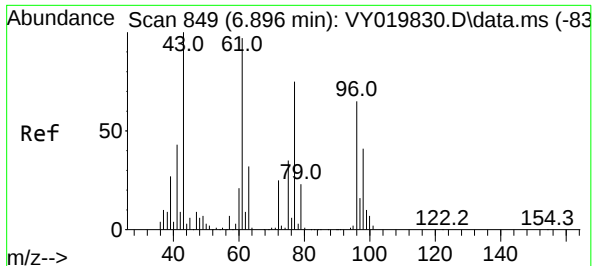
Tgt Ion:168 Resp: 155732
Ion Ratio Lower Upper
168 100
99 64.7 39.1 58.7#



#16
Acetone
Concen: 4.161 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020103.D
Acq: 31 Oct 2024 18:32

Tgt Ion: 43 Resp: 1881
Ion Ratio Lower Upper
43 100
58 16.9 31.7 47.5#





#25

2-Butanone

Concen: 2.497 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY020103.D

Acq: 31 Oct 2024 18:32

Instrument :

MSVOA_Y

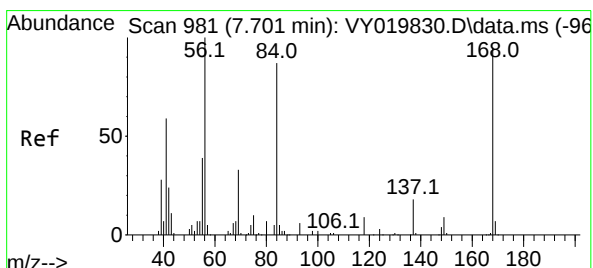
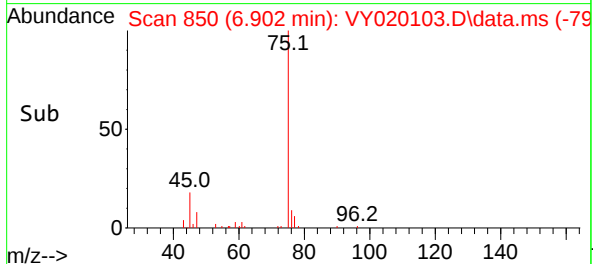
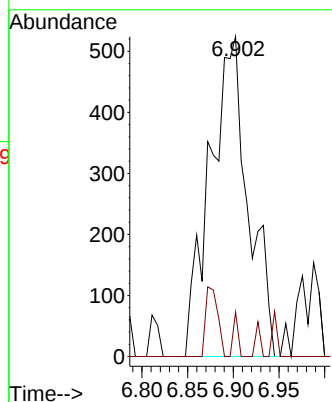
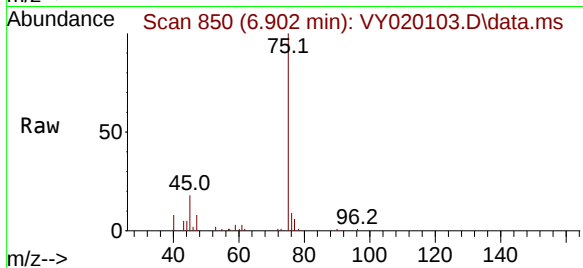
ClientSampleId :

Tgt Ion: 43 Resp: 1530

Ion Ratio Lower Upper

43 100

72 13.9 27.3 40.9#



#31

Cyclohexane

Concen: 1.425 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY020103.D

Acq: 31 Oct 2024 18:32

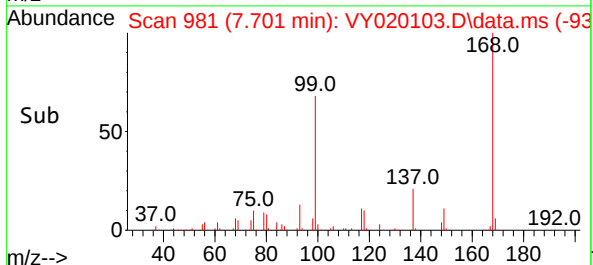
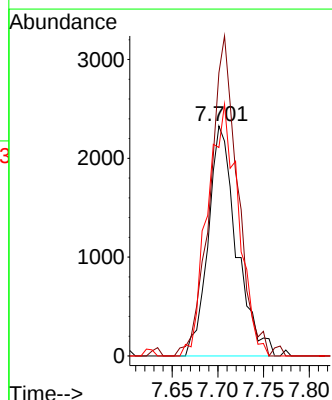
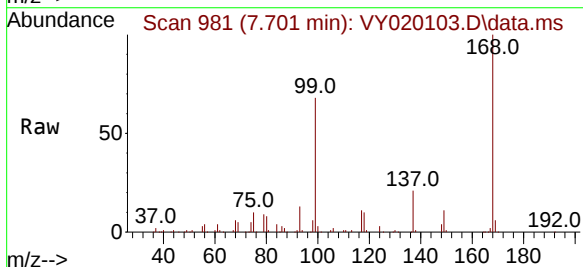
Tgt Ion: 56 Resp: 5025

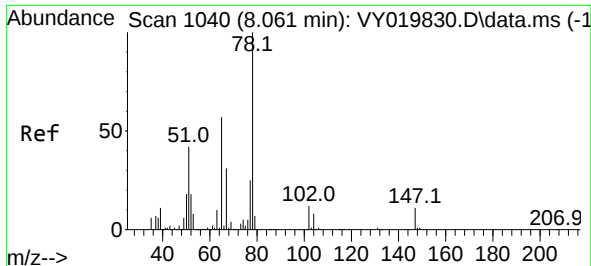
Ion Ratio Lower Upper

56 100

69 119.7 28.7 43.1#

84 90.6 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 59.825 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020103.D

Acq: 31 Oct 2024 18:32

Instrument :

MSVOA_Y

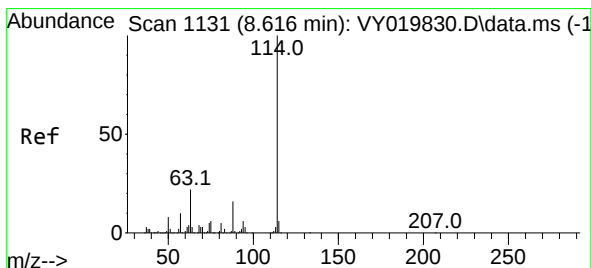
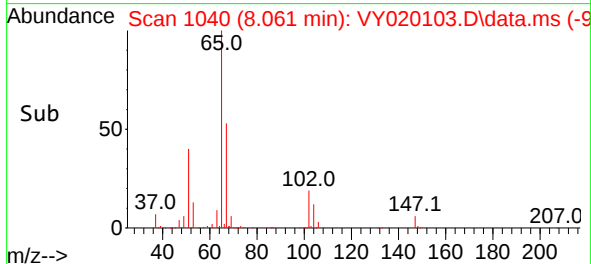
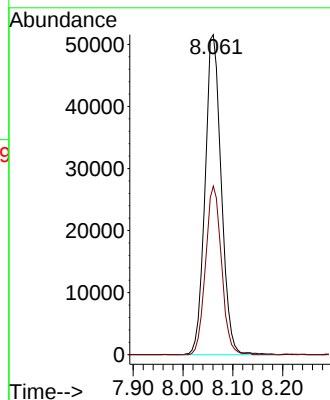
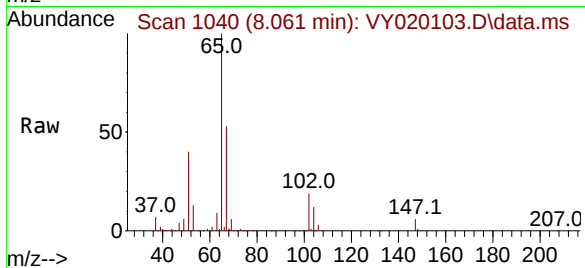
ClientSampleId :

Tgt Ion: 65 Resp: 116278

Ion Ratio Lower Upper

65 100

67 51.7 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: VY020103.D

Acq: 31 Oct 2024 18:32

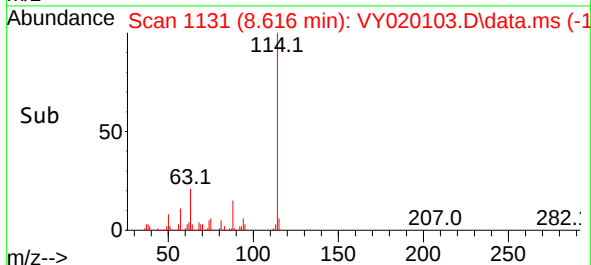
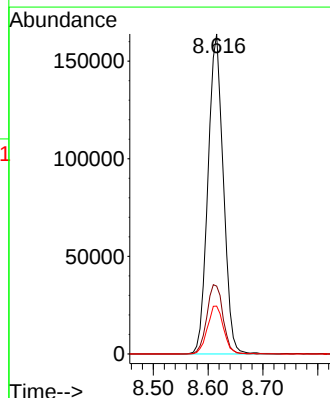
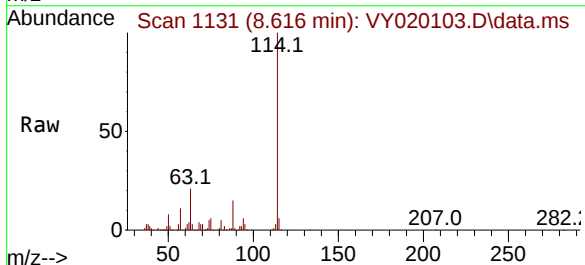
Tgt Ion: 114 Resp: 317541

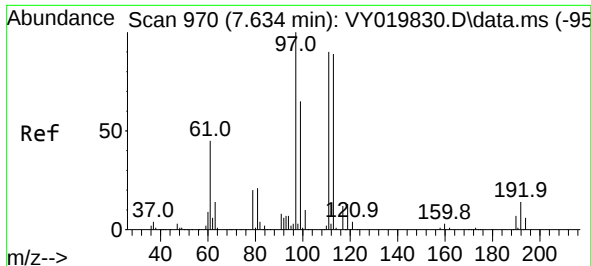
Ion Ratio Lower Upper

114 100

63 21.2 0.0 35.0

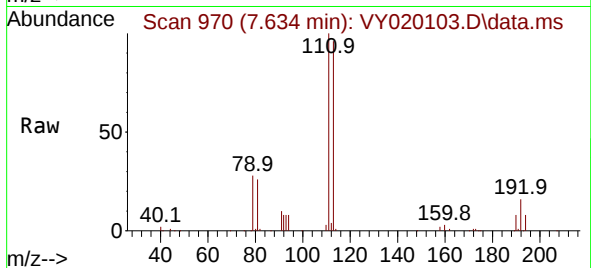
88 15.0 0.0 27.2



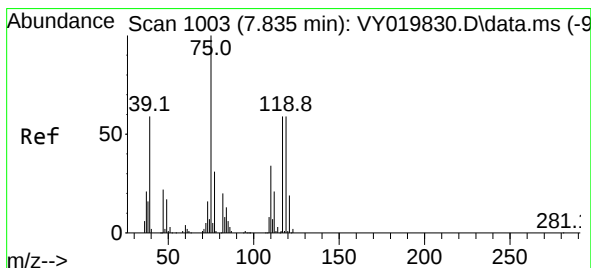
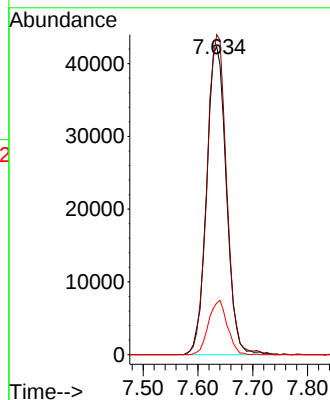
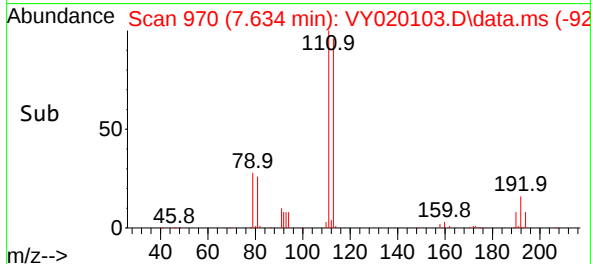


#35
Dibromofluoromethane
Concen: 52.340 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020103.D
Acq: 31 Oct 2024 18:32

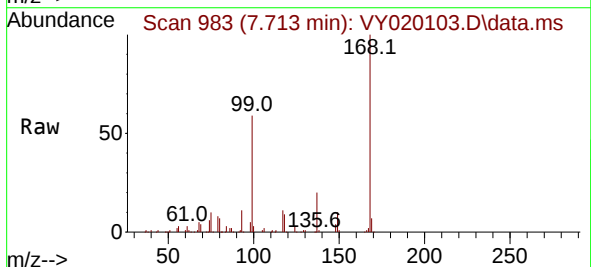
Instrument :
MSVOA_Y
ClientSampleId :



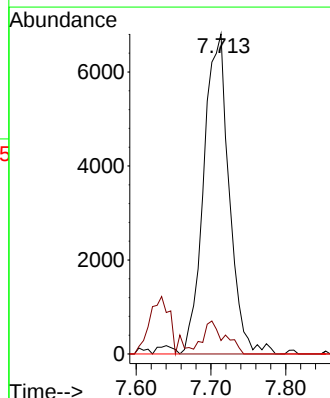
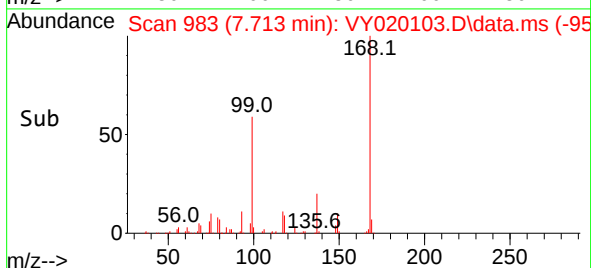
Tgt Ion:113 Resp: 105670
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 16.7 15.9 23.9

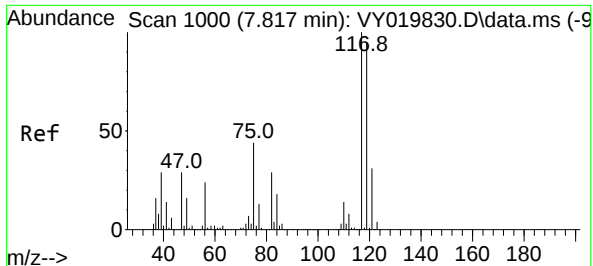


#36
1,1-Dichloropropene
Concen: 5.165 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY020103.D
Acq: 31 Oct 2024 18:32



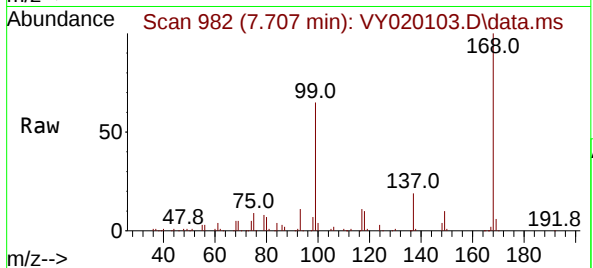
Tgt Ion: 75 Resp: 16109
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.0 25.3 37.9#



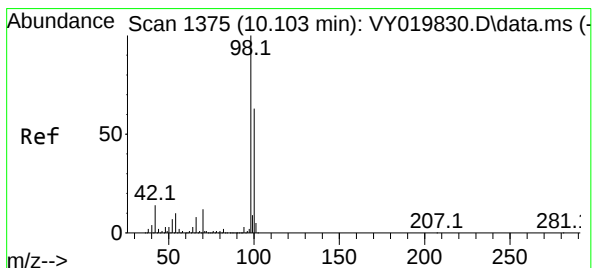
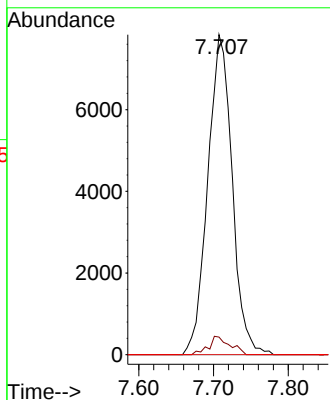
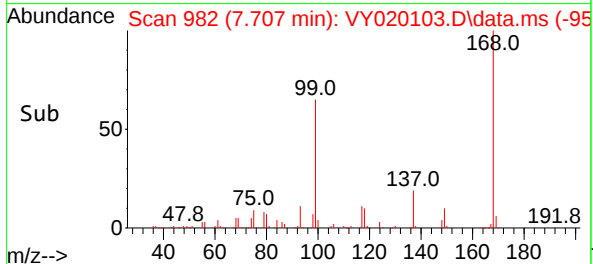


#38
Carbon Tetrachloride
Concen: 5.672 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY020103.D
Acq: 31 Oct 2024 18:32

Instrument :
MSVOA_Y
ClientSampleId :

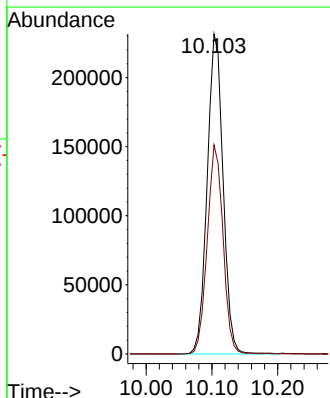
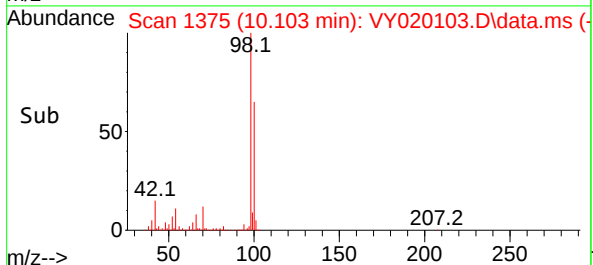
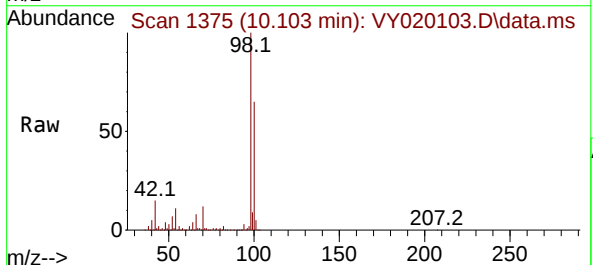


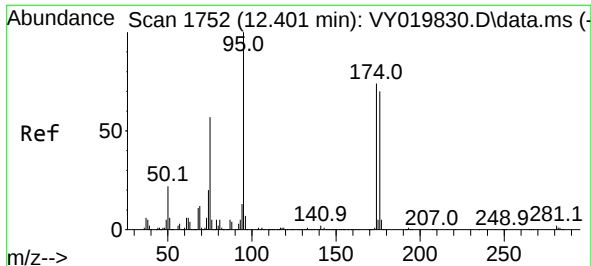
Tgt Ion:117 Resp: 17789
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.368 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020103.D
Acq: 31 Oct 2024 18:32

Tgt Ion: 98 Resp: 388697
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

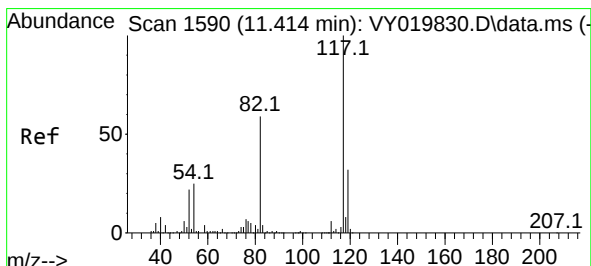
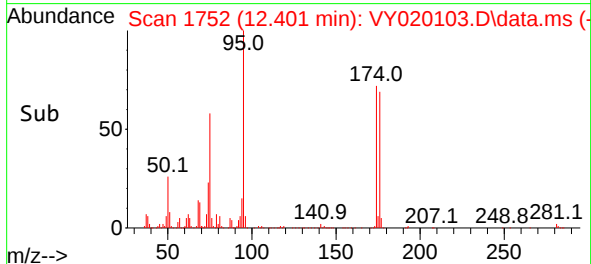
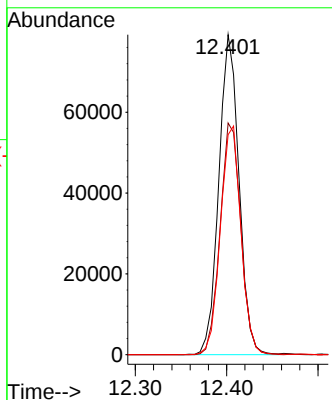
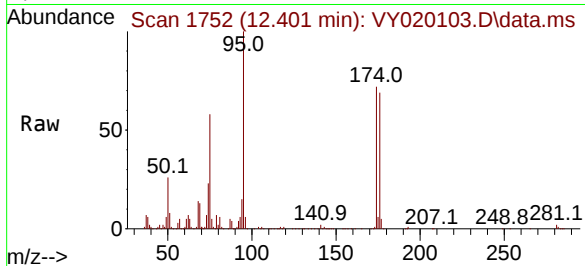




#62
4-Bromofluorobenzene
Concen: 46.542 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020103.D
Acq: 31 Oct 2024 18:32

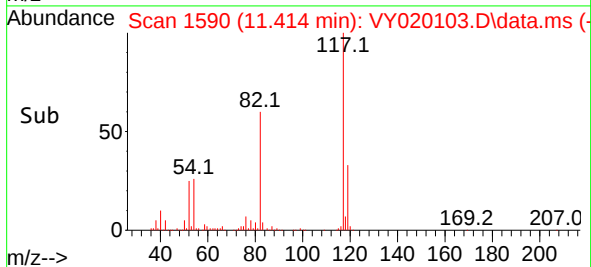
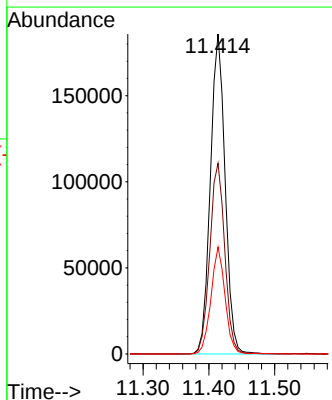
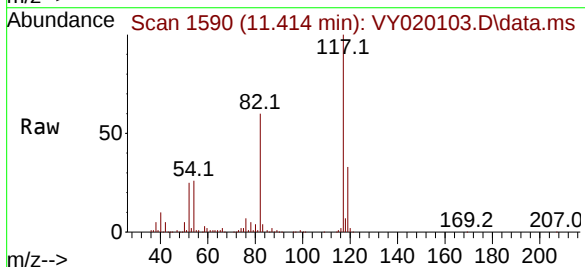
Instrument :
MSVOA_Y
ClientSampleId :

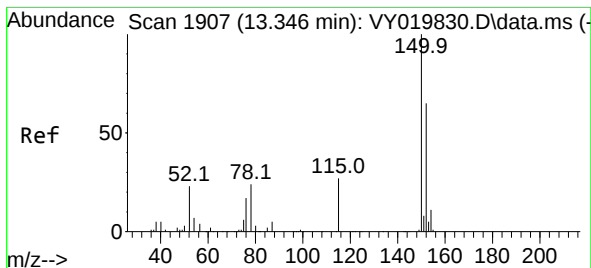
Tgt Ion: 95 Resp: 121486
Ion Ratio Lower Upper
95 100
174 74.3 0.0 175.6
176 72.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020103.D
Acq: 31 Oct 2024 18:32

Tgt Ion: 117 Resp: 290141
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 33.5 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: VY020103.D

Acq: 31 Oct 2024 18:32

Instrument :

MSVOA_Y

ClientSampleId :

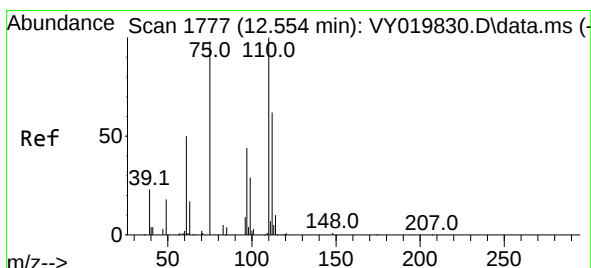
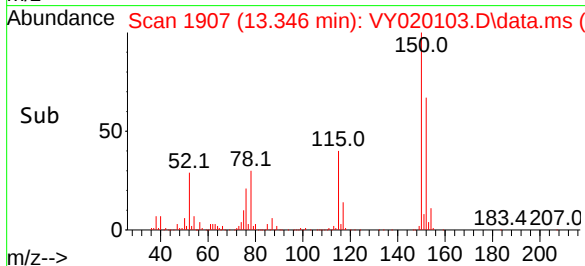
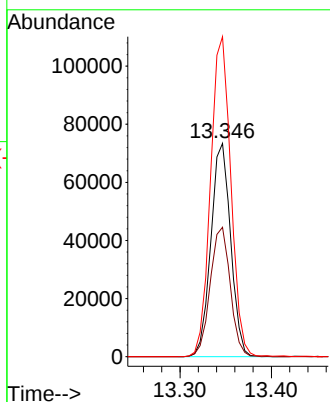
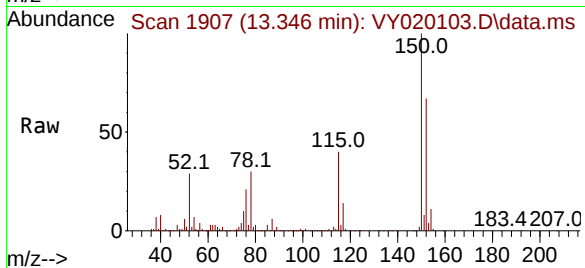
Tgt Ion:152 Resp: 110191

Ion Ratio Lower Upper

152 100

115 61.6 28.2 84.7

150 154.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 68.755 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY020103.D

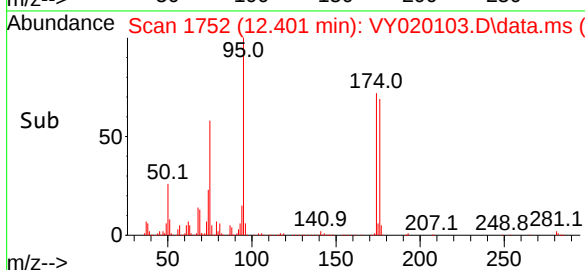
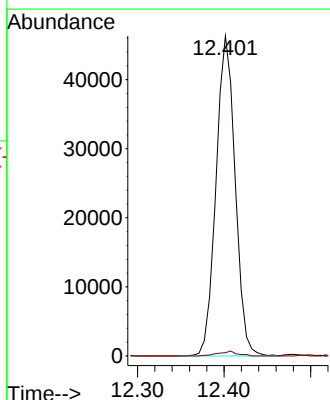
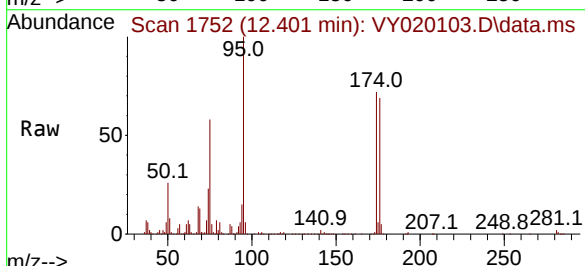
Acq: 31 Oct 2024 18:32

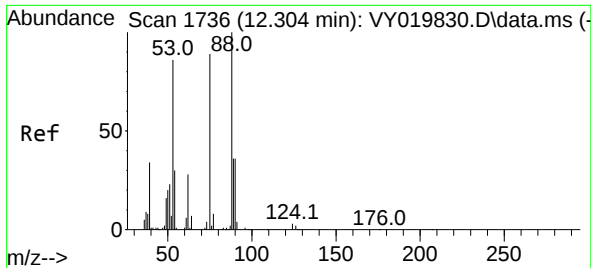
Tgt Ion: 75 Resp: 71019

Ion Ratio Lower Upper

75 100

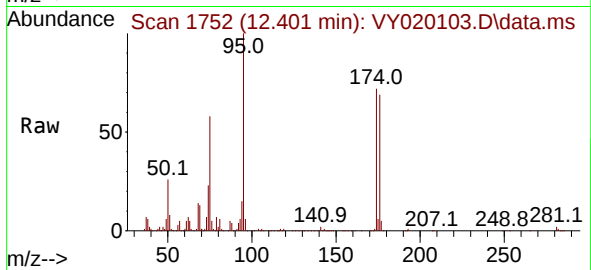
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 147.890 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020103.D
 Acq: 31 Oct 2024 18:32

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.1	35.8	53.6#

