

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020129.D
 Acq On : 01 Nov 2024 19:04
 Operator : SY/MD
 Sample : P4463-03
 Misc : 6.25g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 04 00:52:06 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)

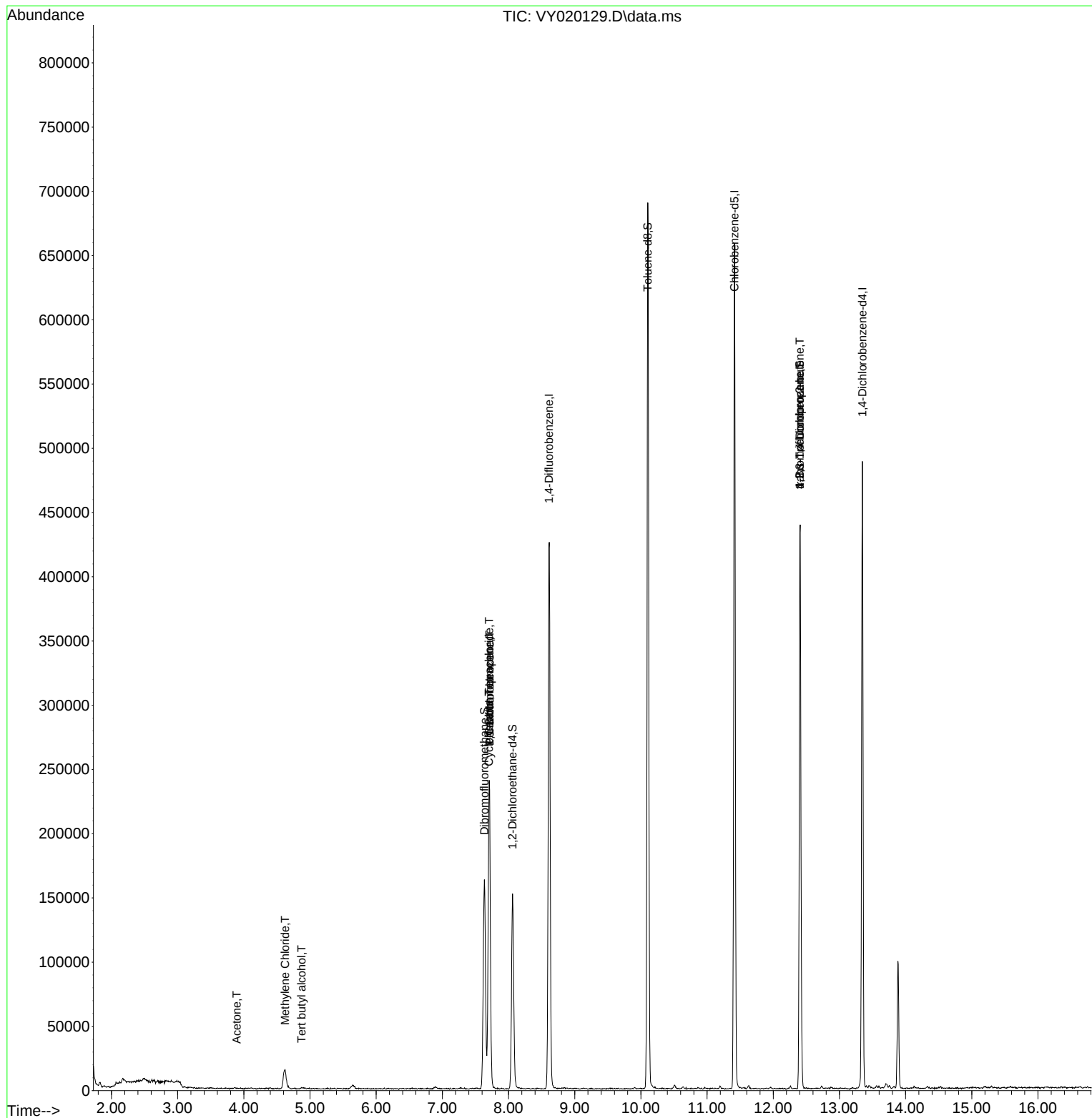
Internal Standards						
1) Pentafluorobenzene	7.713	168	164371	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	344945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	309515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	105144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	116799	56.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.860%	
35) Dibromofluoromethane	7.634	113	113604	51.800	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.600%	
50) Toluene-d8	10.103	98	426232	48.825	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.660%	
62) 4-Bromofluorobenzene	12.401	95	124656	43.962	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	306	2.074	ug/l	# 88
16) Acetone	3.891	43	706	1.480	ug/l	# 36
20) Methylene Chloride	4.622	84	10727	5.005	ug/l	93
31) Cyclohexane	7.701	56	5376	1.444	ug/l	# 53
36) 1,1-Dichloropropene	7.713	75	17167	5.067	ug/l	# 47
38) Carbon Tetrachloride	7.707	117	19515	5.728	ug/l	# 16
76) 1,2,3-Trichloropropane	12.401	75	72847	73.910	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	72847	158.978	ug/l	# 16

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

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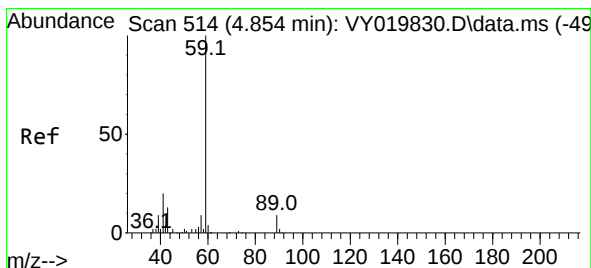
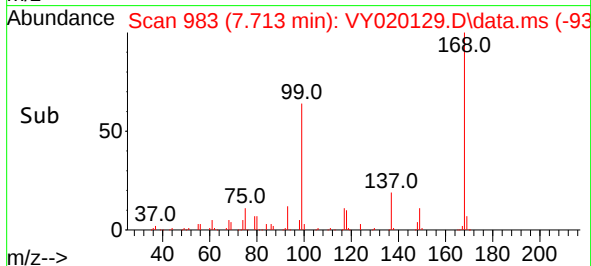
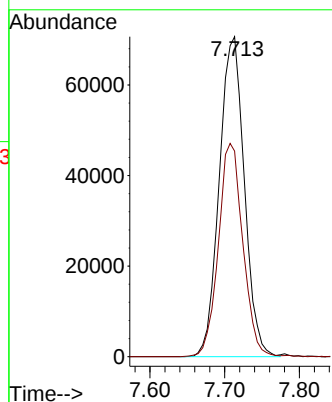
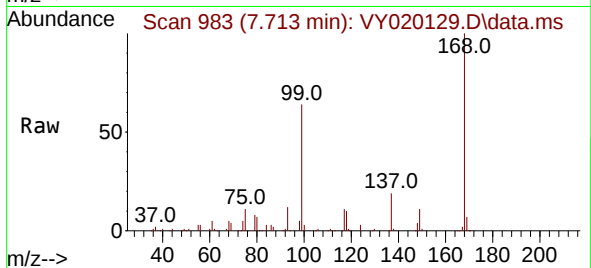




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020129.D
Acq: 01 Nov 2024 19:04

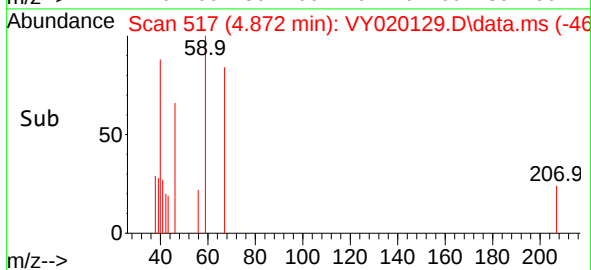
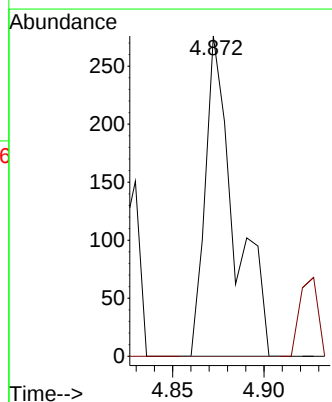
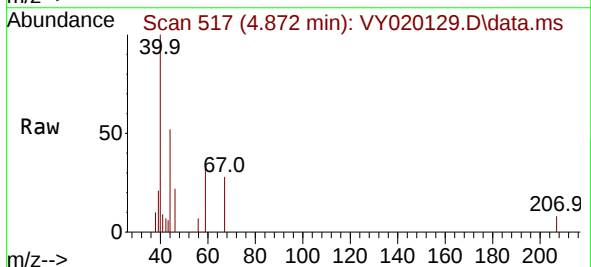
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 164371
Ion Ratio Lower Upper
168 100
99 64.3 39.1 58.7#



#11
Tert butyl alcohol
Concen: 2.074 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY020129.D
Acq: 01 Nov 2024 19:04

Tgt Ion: 59 Resp: 306
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

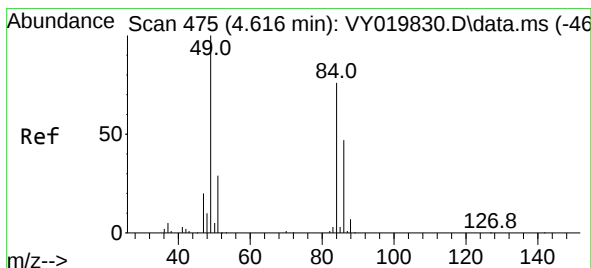
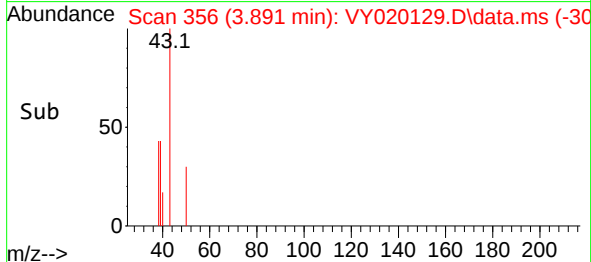
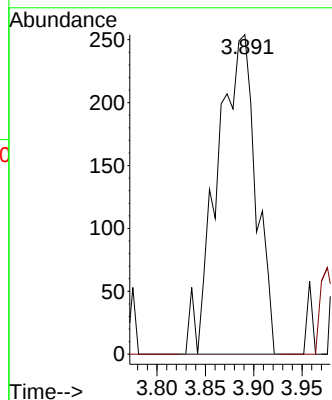
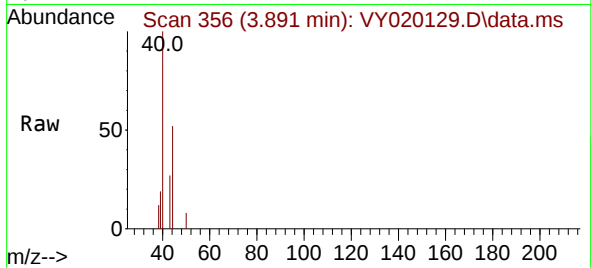




#16
Acetone
Concen: 1.480 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.019 min
Lab File: VY020129.D
Acq: 01 Nov 2024 19:04

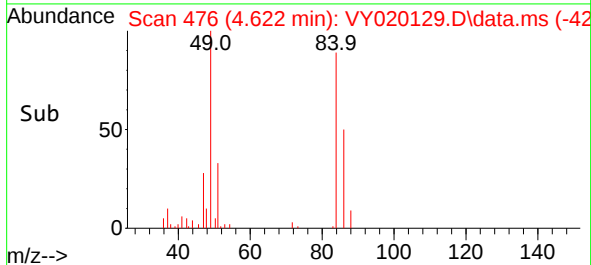
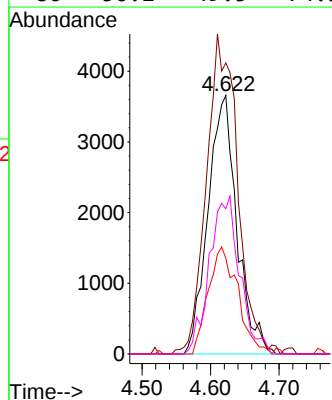
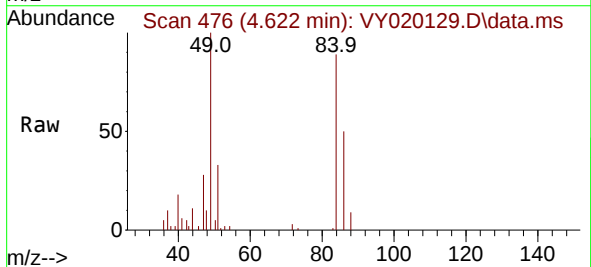
Instrument :
MSVOA_Y
ClientSampleId :

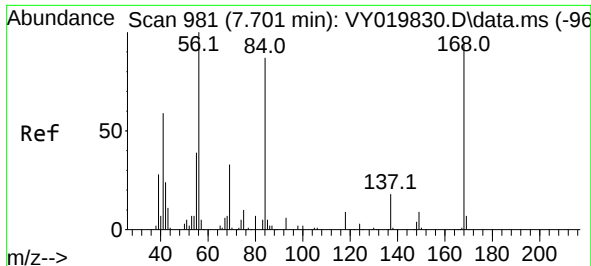
Tgt Ion: 43 Resp: 706
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: 5.005 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020129.D
Acq: 01 Nov 2024 19:04

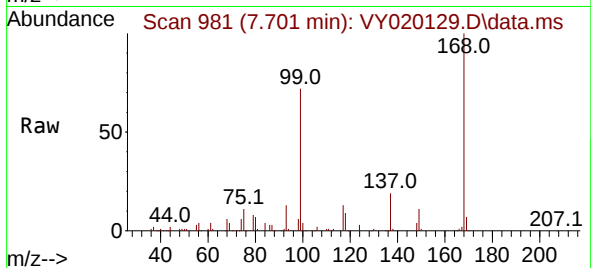
Tgt Ion: 84 Resp: 10727
Ion Ratio Lower Upper
84 100
49 112.6 84.4 126.6
51 37.1 26.0 39.0
86 56.2 49.5 74.3



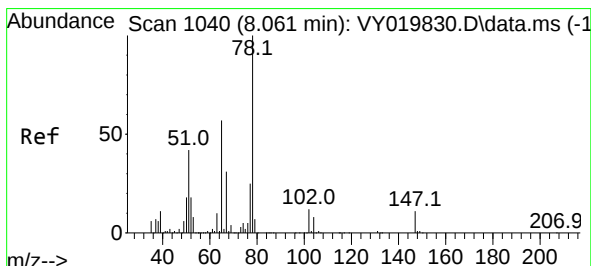
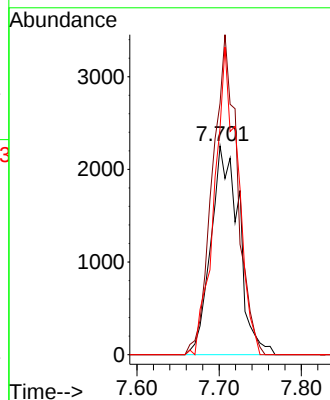
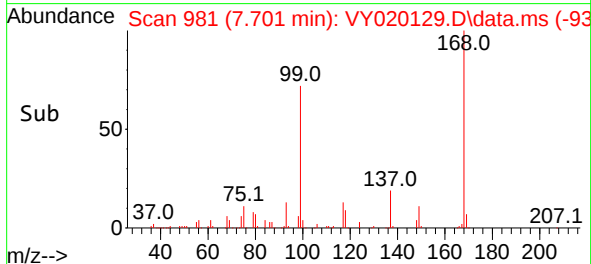


#31
Cyclohexane
Concen: 1.444 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020129.D
Acq: 01 Nov 2024 19:04

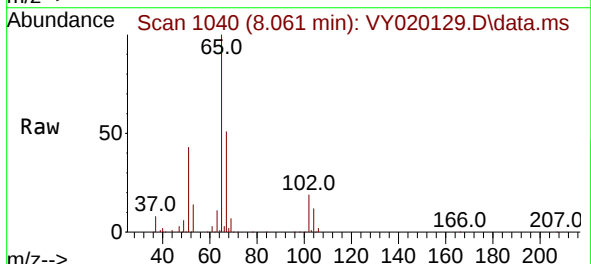
Instrument :
MSVOA_Y
ClientSampleId :



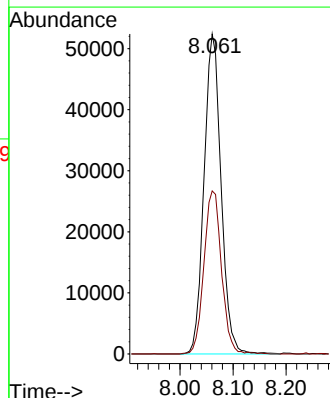
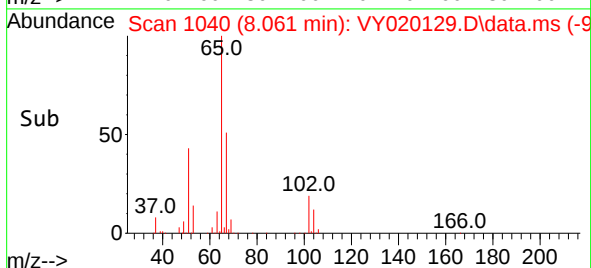
Tgt Ion: 56 Resp: 5376
Ion Ratio Lower Upper
56 100
69 120.4 28.7 43.1#
84 108.5 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 56.935 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020129.D
Acq: 01 Nov 2024 19:04



Tgt Ion: 65 Resp: 116799
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6

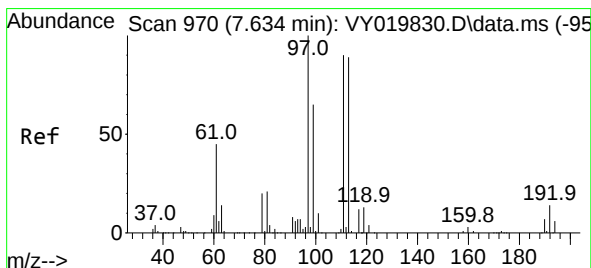
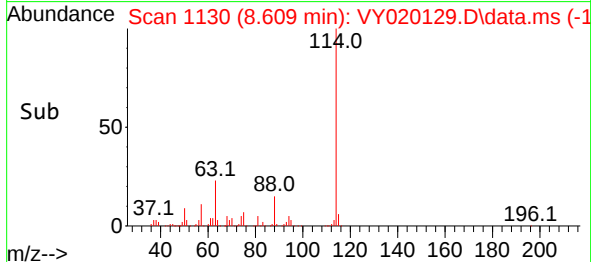
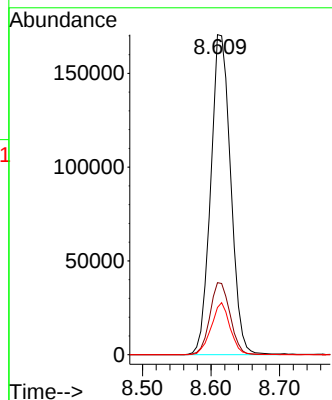
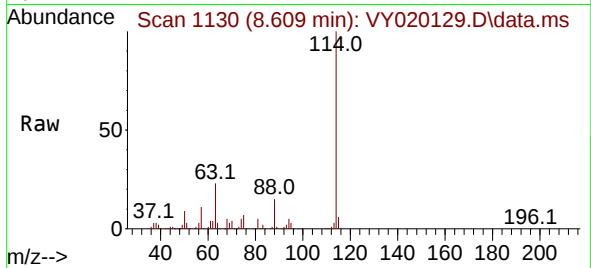




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY020129.D
Acq: 01 Nov 2024 19:04

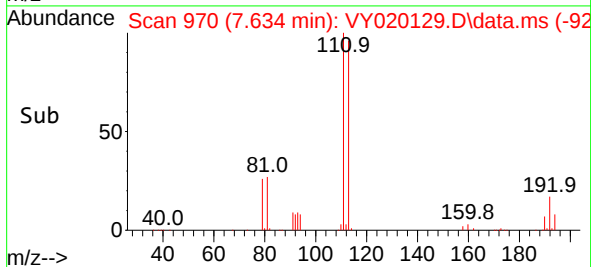
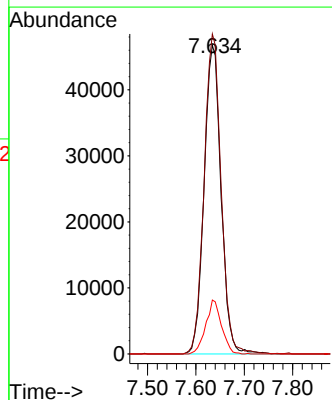
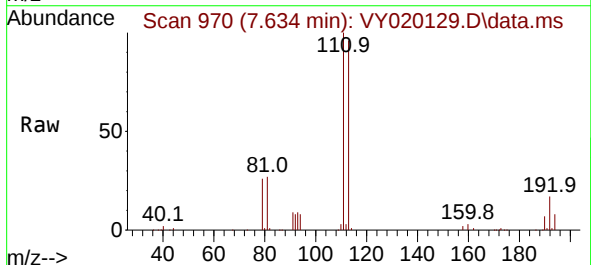
Instrument :
MSVOA_Y
ClientSampleId :

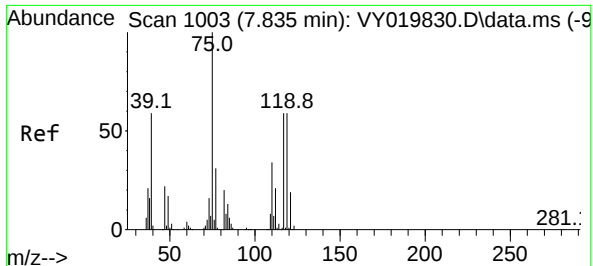
Tgt Ion:114 Resp: 344945
Ion Ratio Lower Upper
114 100
63 22.5 0.0 35.0
88 14.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.800 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020129.D
Acq: 01 Nov 2024 19:04

Tgt Ion:113 Resp: 113604
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 16.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.067 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY020129.D

Acq: 01 Nov 2024 19:04

Instrument :

MSVOA_Y

ClientSampleId :

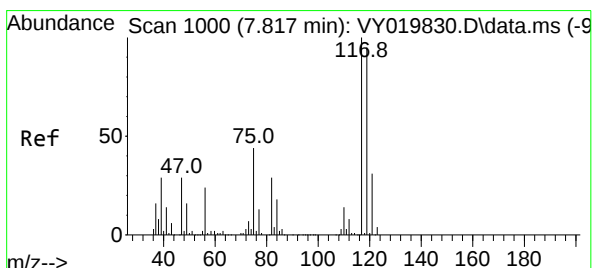
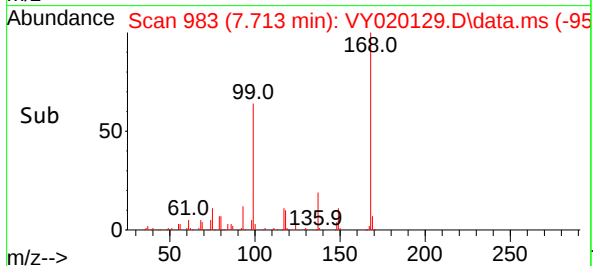
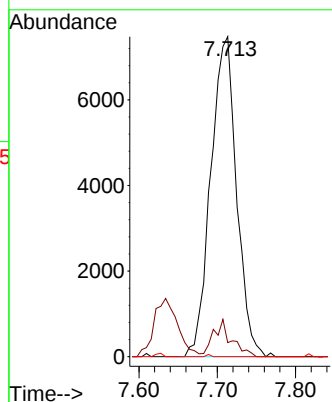
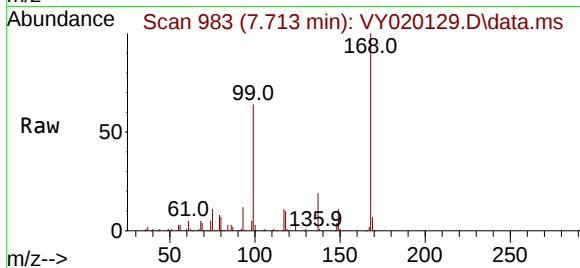
Tgt Ion: 75 Resp: 17167

Ion Ratio Lower Upper

75 100

110 8.1 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.728 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY020129.D

Acq: 01 Nov 2024 19:04

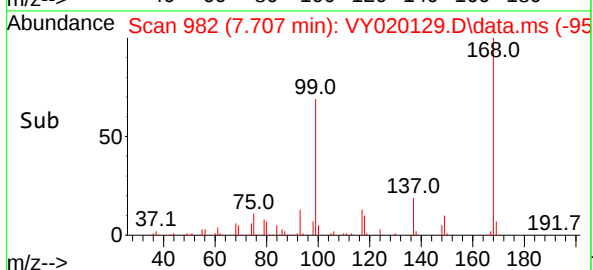
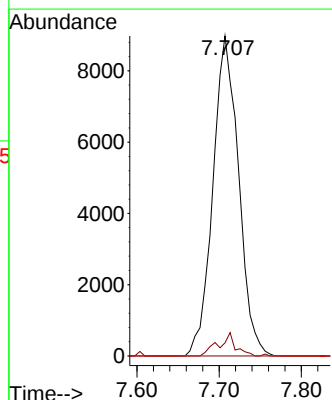
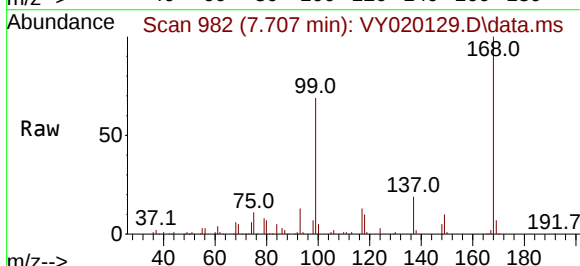
Tgt Ion: 117 Resp: 19515

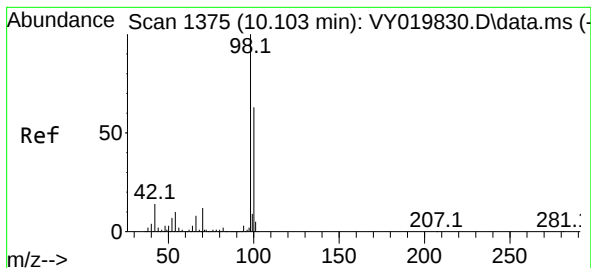
Ion Ratio Lower Upper

117 100

119 4.1 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 48.825 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020129.D

Acq: 01 Nov 2024 19:04

Instrument :

MSVOA_Y

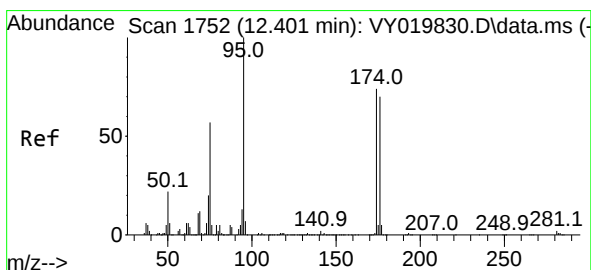
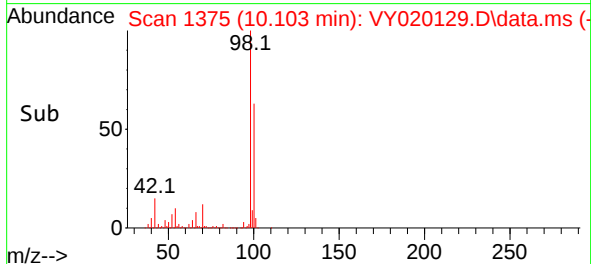
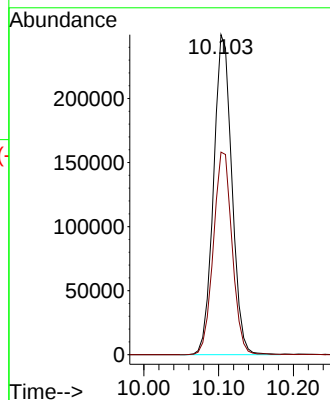
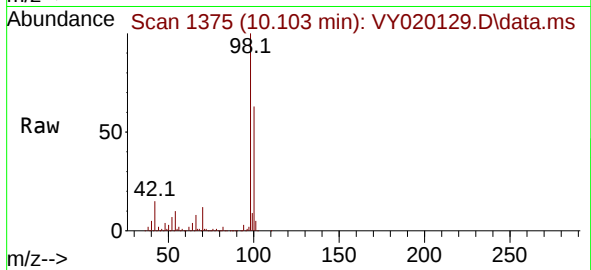
ClientSampleId :

Tgt Ion: 98 Resp: 426232

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.962 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020129.D

Acq: 01 Nov 2024 19:04

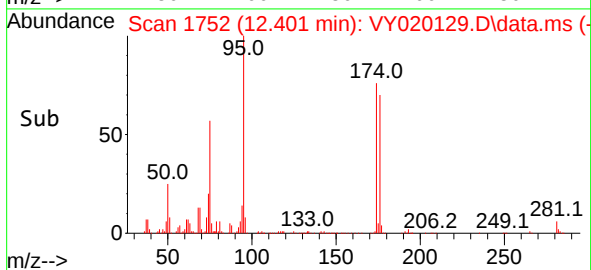
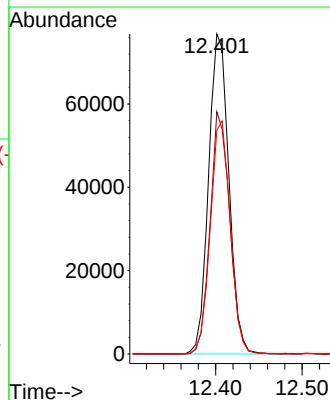
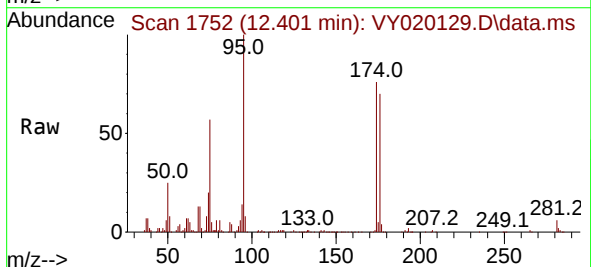
Tgt Ion: 95 Resp: 124656

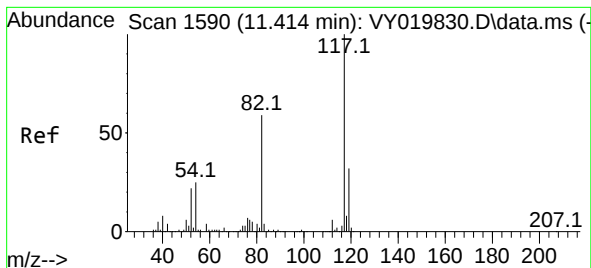
Ion Ratio Lower Upper

95 100

174 73.5 0.0 175.6

176 71.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

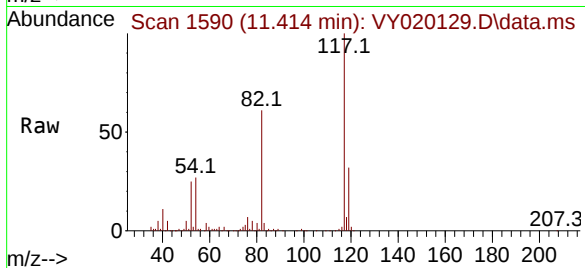
Lab File: VY020129.D

Acq: 01 Nov 2024 19:04

Instrument :

MSVOA_Y

ClientSampleId :



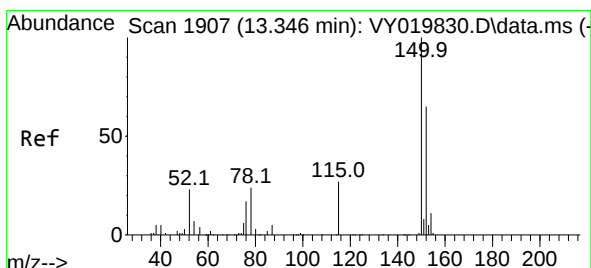
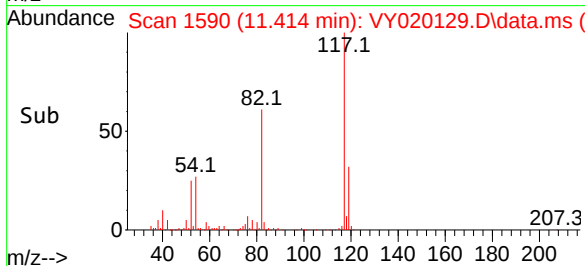
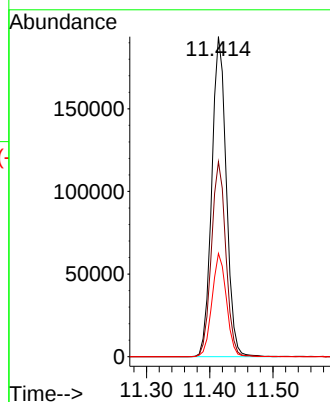
Tgt Ion:117 Resp: 309515

Ion Ratio Lower Upper

117 100

82 60.9 42.4 63.6

119 32.2 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: VY020129.D

Acq: 01 Nov 2024 19:04

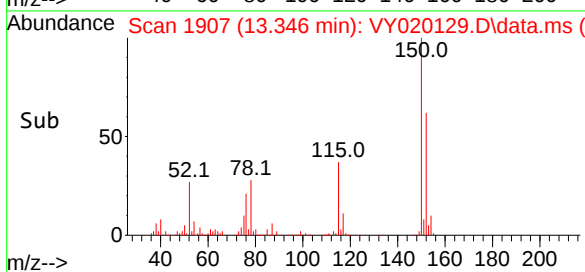
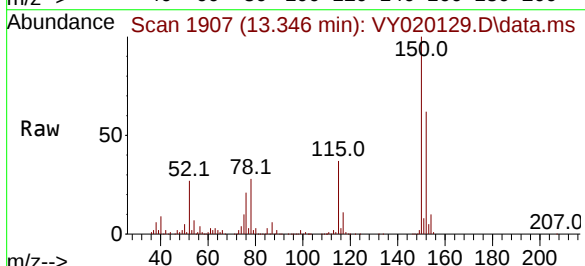
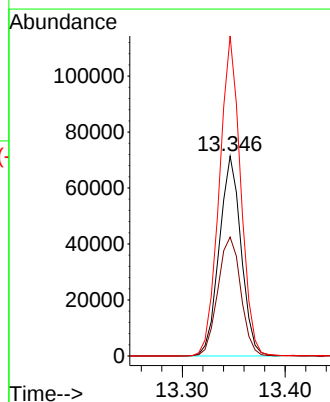
Tgt Ion:152 Resp: 105144

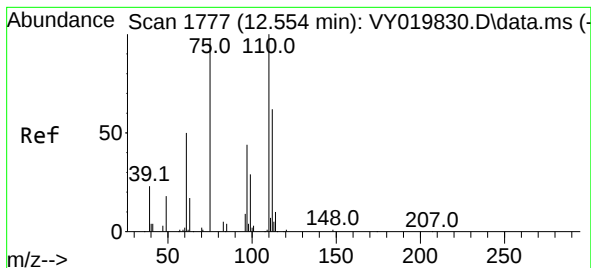
Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 156.2 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 73.910 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY020129.D

Acq: 01 Nov 2024 19:04

Instrument :

MSVOA_Y

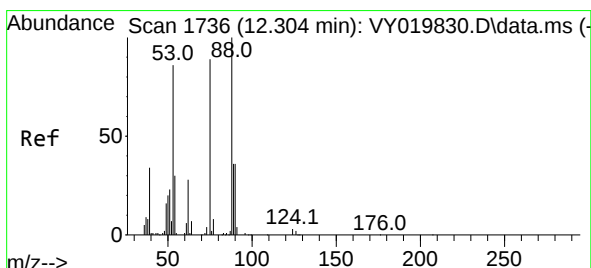
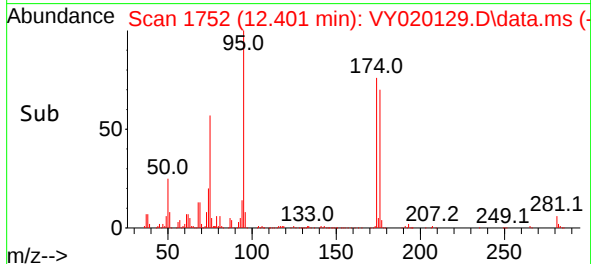
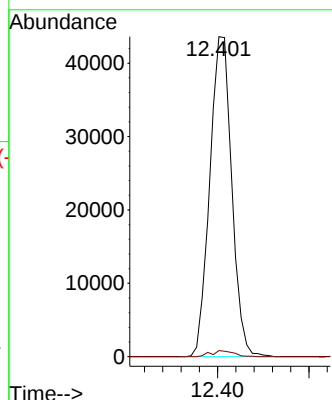
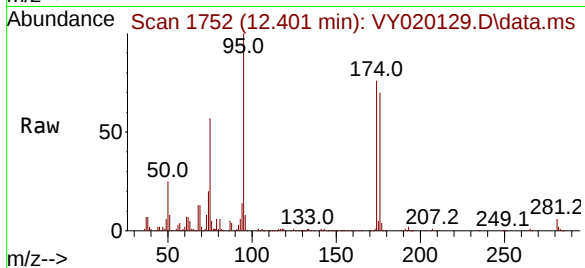
ClientSampleId :

Tgt Ion: 75 Resp: 72847

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 158.978 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.098 min

Lab File: VY020129.D

Acq: 01 Nov 2024 19:04

Tgt Ion: 75 Resp: 72847

Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

89 0.0 35.8 53.6#

