

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020669.D
 Acq On : 20 Dec 2024 14:34
 Operator : SY/MD
 Sample : P5316-01
 Misc : 5.97g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 18:09:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

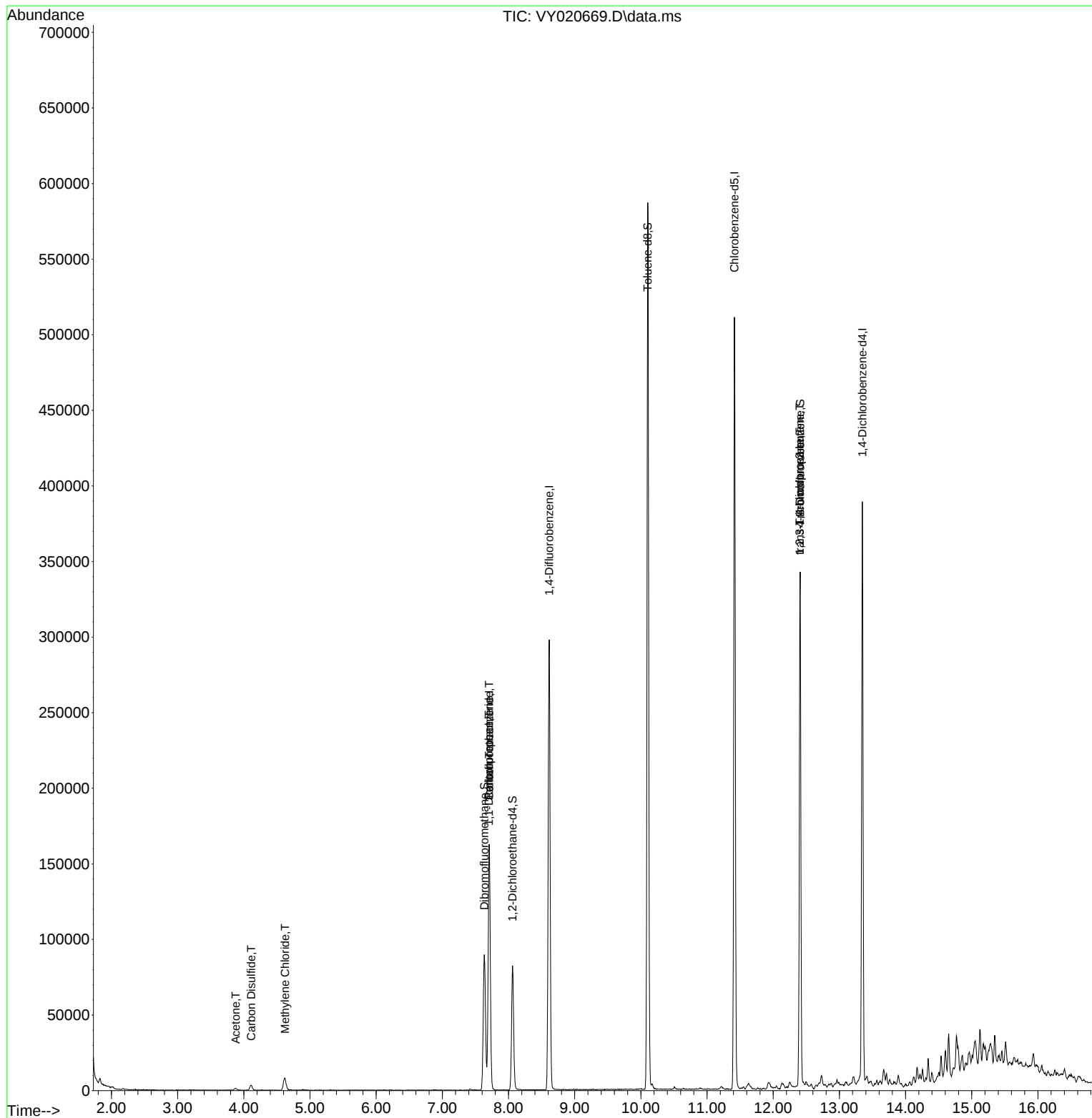
Internal Standards						
1) Pentafluorobenzene	7.707	168	123590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	256790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	258559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	91825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	66705	49.281	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.560%
35) Dibromofluoromethane	7.634	113	62350	34.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.900%
50) Toluene-d8	10.103	98	386152	60.960	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	121.920%
62) 4-Bromofluorobenzene	12.408	95	107021	43.190	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	60	Below Cal	#	75
16) Acetone	3.879	43	2333	2.298	ug/l	95
17) Carbon Disulfide	4.110	76	6654	1.320	ug/l	97
20) Methylene Chloride	4.623	84	6342	3.768	ug/l #	86
30) Chloroform	7.427	83	670	Below Cal		97
36) 1,1-Dichloropropene	7.701	75	9203	2.789	ug/l #	52
38) Carbon Tetrachloride	7.707	117	12445	3.409	ug/l #	15
76) 1,2,3-Trichloropropane	12.402	75	56826	59.573	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	56826	125.047	ug/l #	12

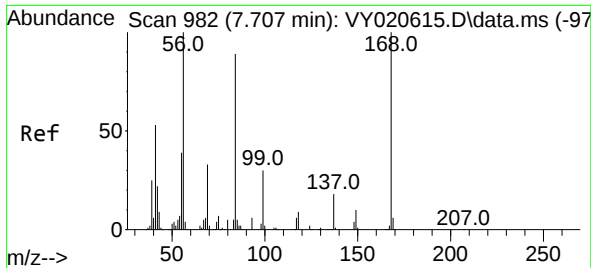
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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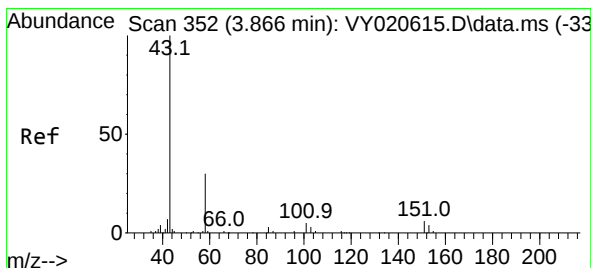
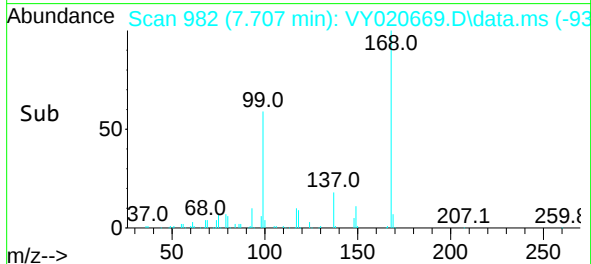
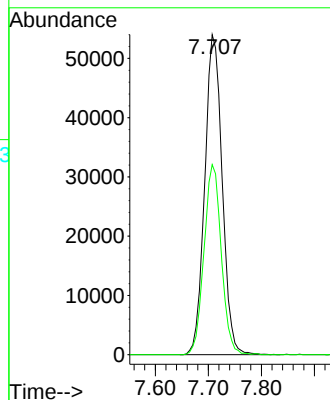
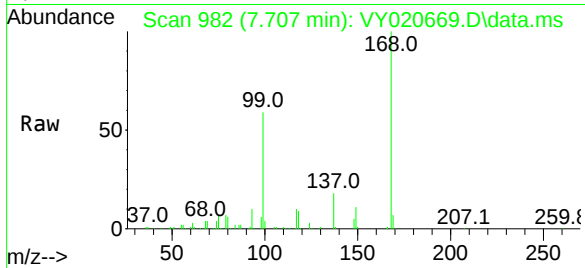




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

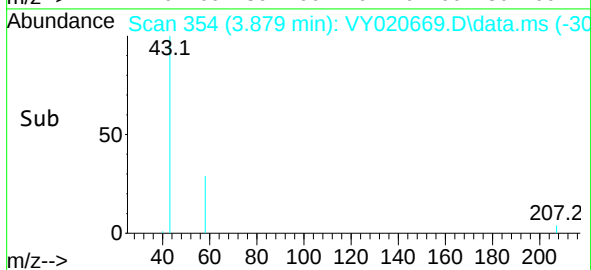
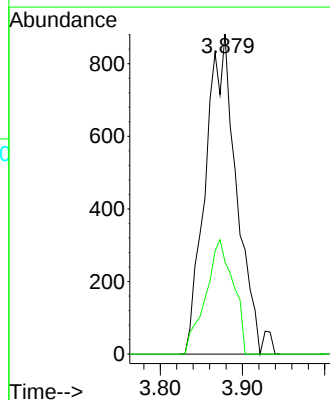
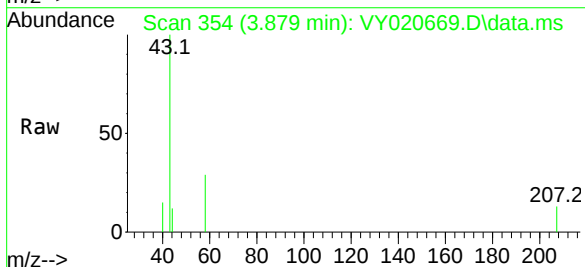
Instrument :
MSVOA_Y
ClientSampleId :

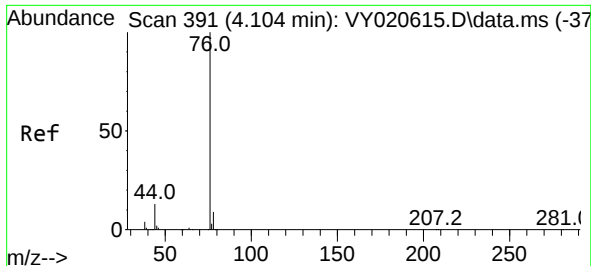
Tgt Ion:168 Resp: 123590
Ion Ratio Lower Upper
168 100
99 59.4 47.0 70.6



#16
Acetone
Concen: 2.298 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.013 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

Tgt Ion: 43 Resp: 2333
Ion Ratio Lower Upper
43 100
58 28.8 25.0 37.6

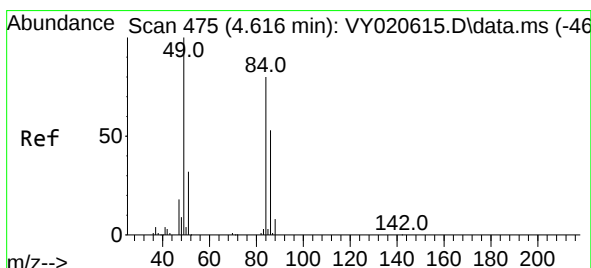
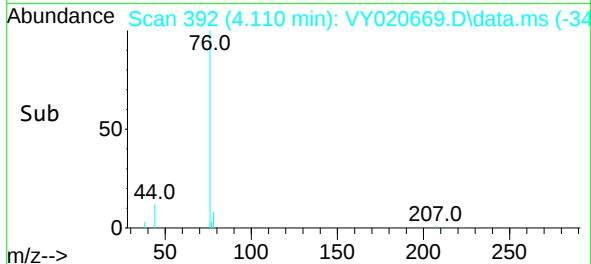
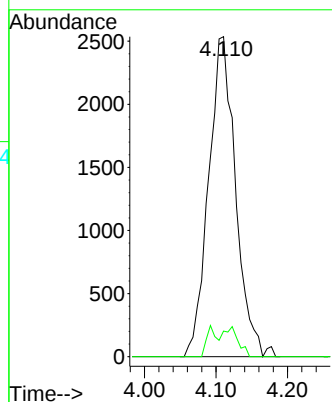
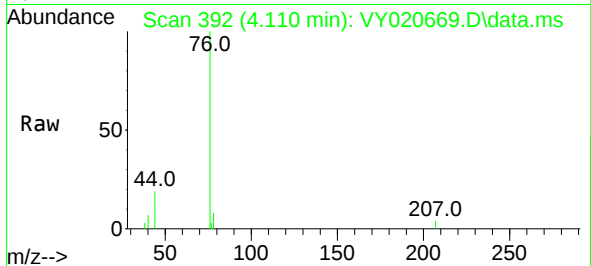




#17
Carbon Disulfide
Concen: 1.320 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

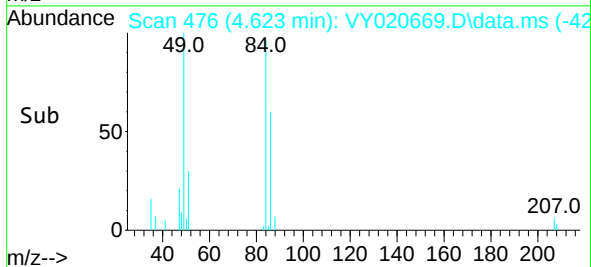
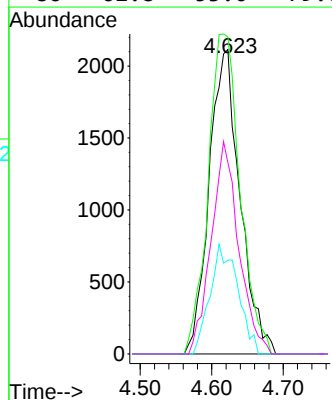
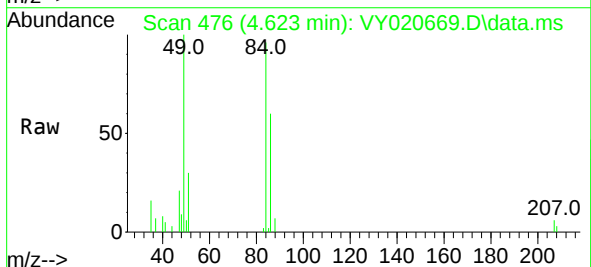
Instrument :
MSVOA_Y
ClientSampleId :

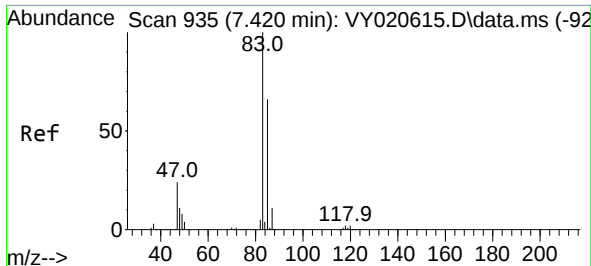
Tgt Ion: 76 Resp: 6654
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8



#20
Methylene Chloride
Concen: 3.768 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

Tgt Ion: 84 Resp: 6342
Ion Ratio Lower Upper
84 100
49 104.2 100.7 151.1
51 30.8 32.2 48.2#
86 62.8 53.0 79.6

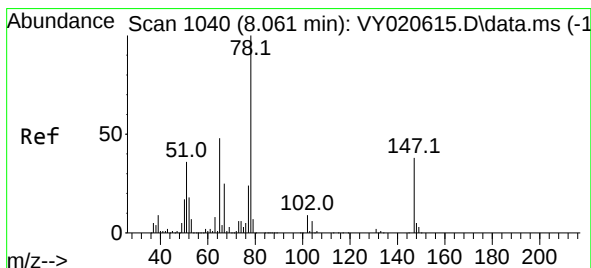
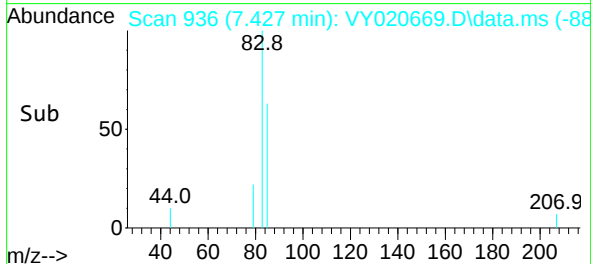
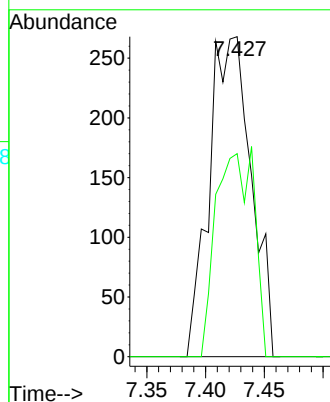
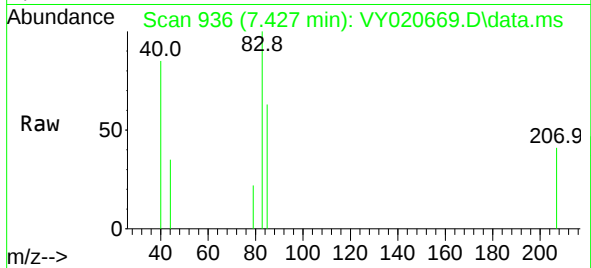




#30
Chloroform
Concen: Below Cal
RT: 7.427 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

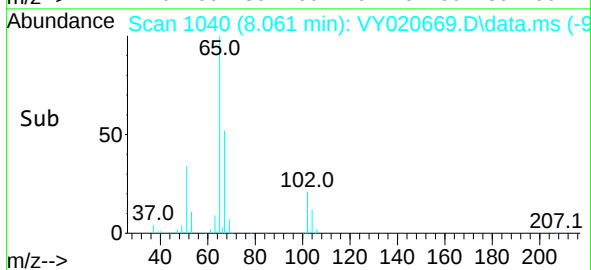
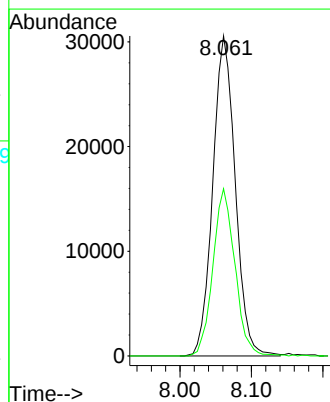
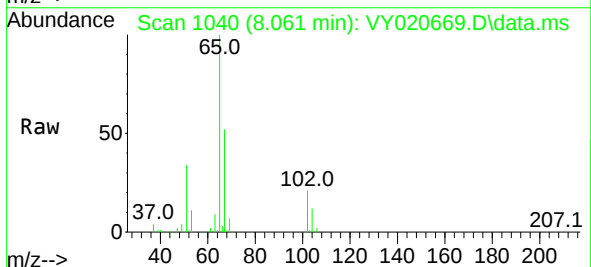
Instrument :
MSVOA_Y
ClientSampleId :

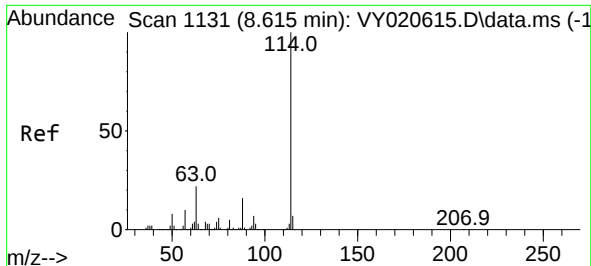
Tgt Ion: 83 Resp: 670
Ion Ratio Lower Upper
83 100
85 63.4 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 49.281 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

Tgt Ion: 65 Resp: 66705
Ion Ratio Lower Upper
65 100
67 51.2 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020669.D

Acq: 20 Dec 2024 14:34

Instrument :

MSVOA_Y

ClientSampleId :

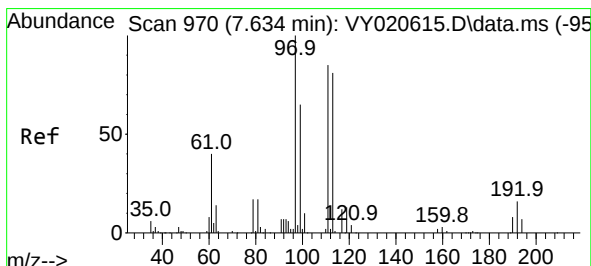
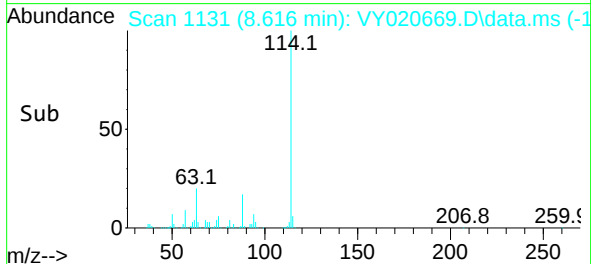
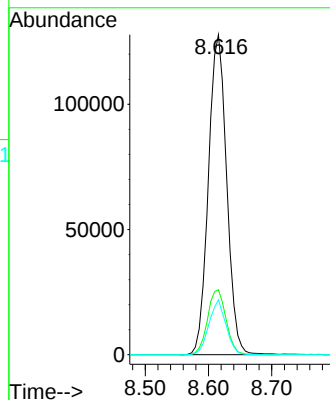
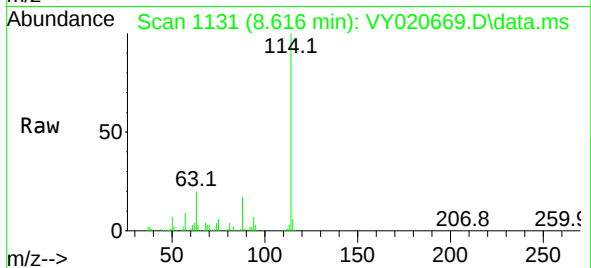
Tgt Ion:114 Resp: 256790

Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.0

88 17.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 34.451 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020669.D

Acq: 20 Dec 2024 14:34

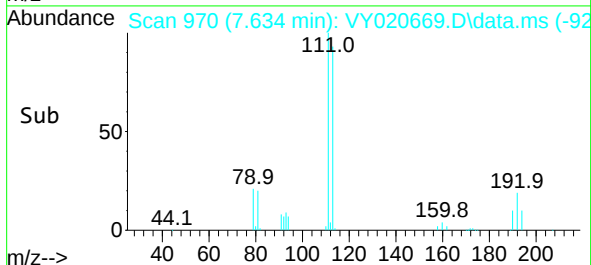
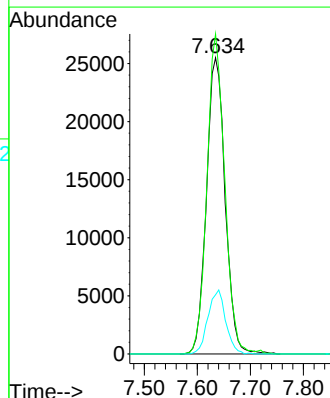
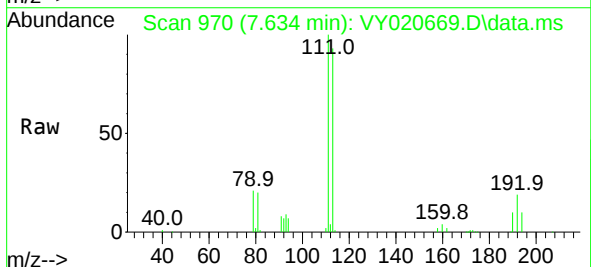
Tgt Ion:113 Resp: 62350

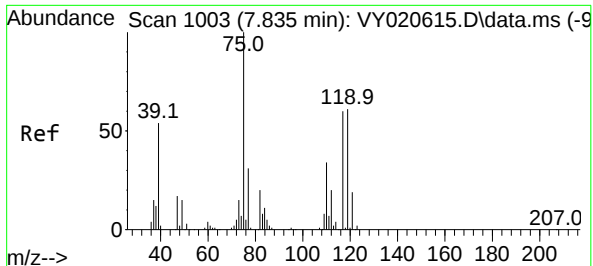
Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

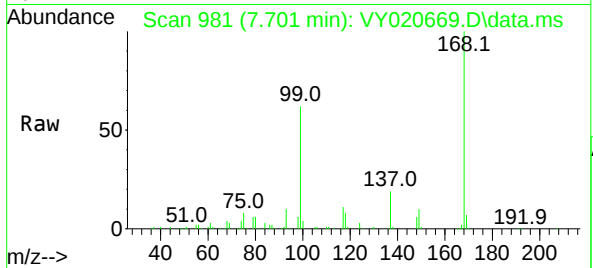
192 20.5 15.7 23.5



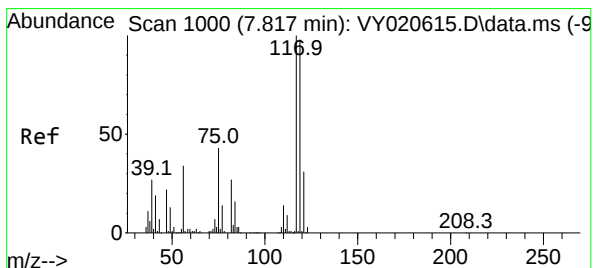
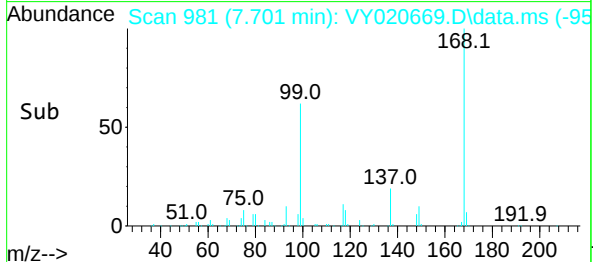
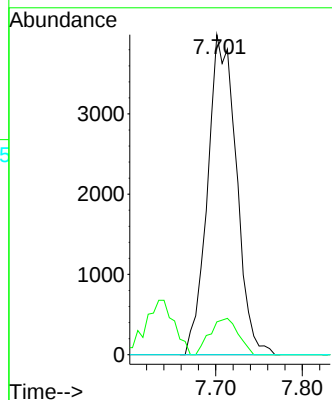


#36
 1,1-Dichloropropene
 Concen: 2.789 ug/l
 RT: 7.701 min Scan# 981
 Delta R.T. -0.134 min
 Lab File: VY020669.D
 Acq: 20 Dec 2024 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :

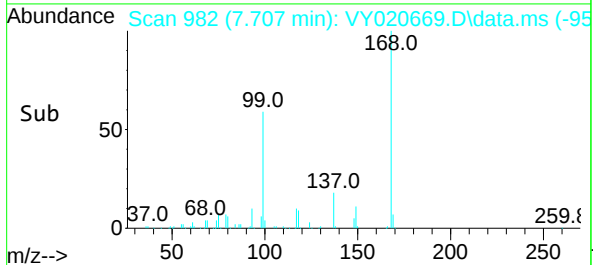
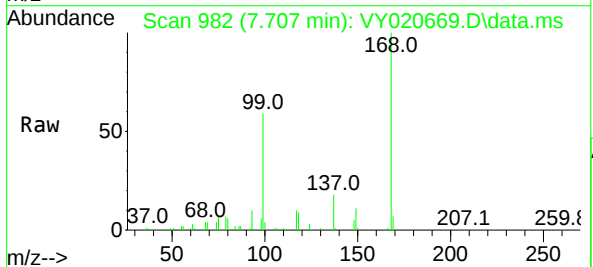
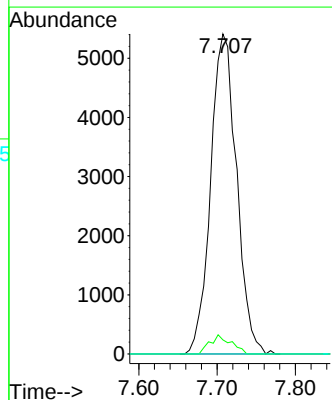


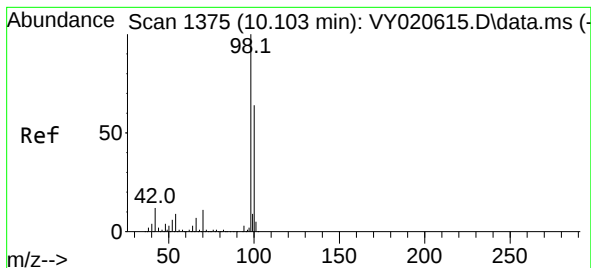
Tgt Ion: 75 Resp: 9203
 Ion Ratio Lower Upper
 75 100
 110 11.1 16.8 50.4#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 3.409 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.109 min
 Lab File: VY020669.D
 Acq: 20 Dec 2024 14:34

Tgt Ion: 117 Resp: 12445
 Ion Ratio Lower Upper
 117 100
 119 4.4 78.3 117.5#
 121 0.0 25.1 37.7#





#50

Toluene-d8

Concen: 60.960 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020669.D

Acq: 20 Dec 2024 14:34

Instrument :

MSVOA_Y

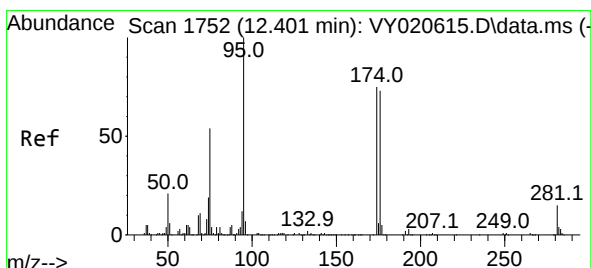
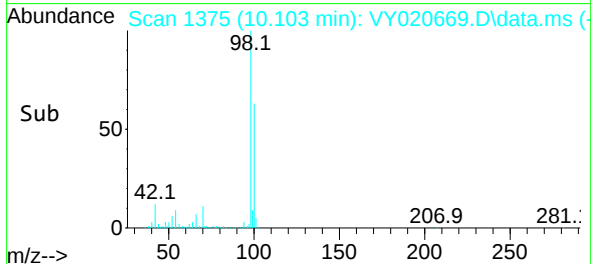
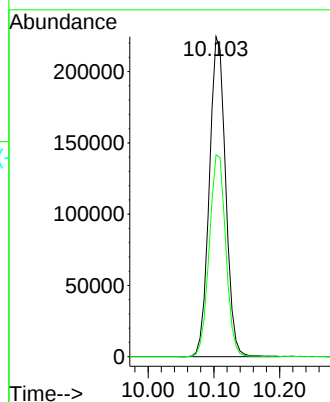
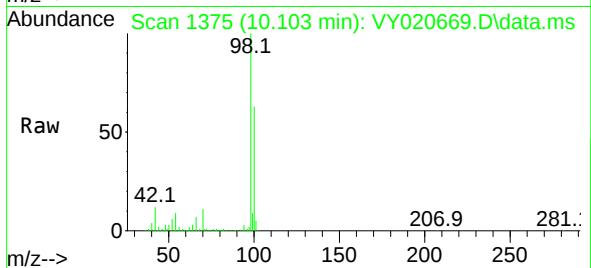
ClientSampleId :

Tgt Ion: 98 Resp: 386152

Ion Ratio Lower Upper

98 100

100 64.0 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 43.190 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020669.D

Acq: 20 Dec 2024 14:34

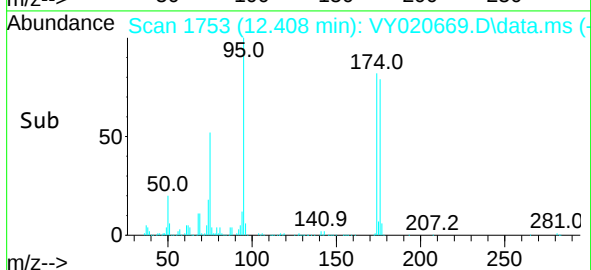
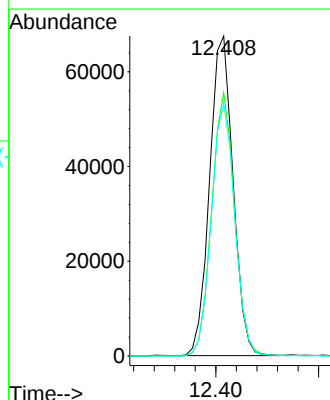
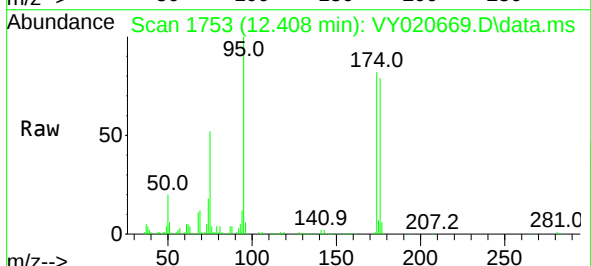
Tgt Ion: 95 Resp: 107021

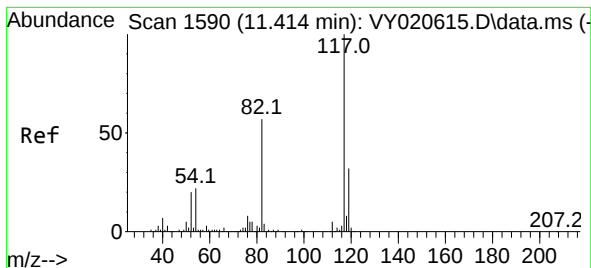
Ion Ratio Lower Upper

95 100

174 80.9 0.0 161.8

176 78.4 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

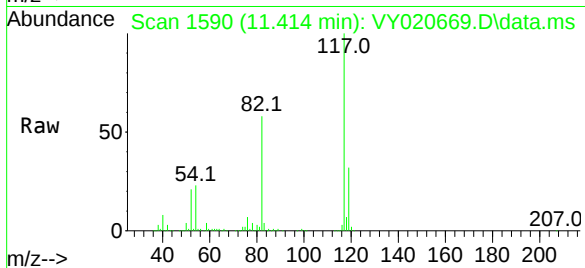
Lab File: VY020669.D

Acq: 20 Dec 2024 14:34

Instrument :

MSVOA_Y

ClientSampleId :



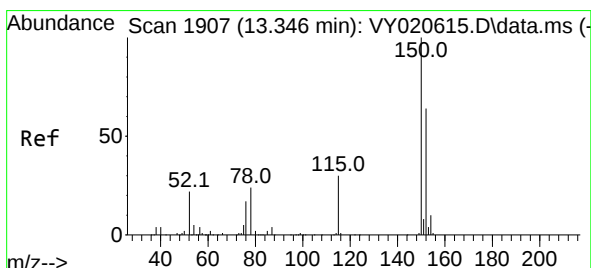
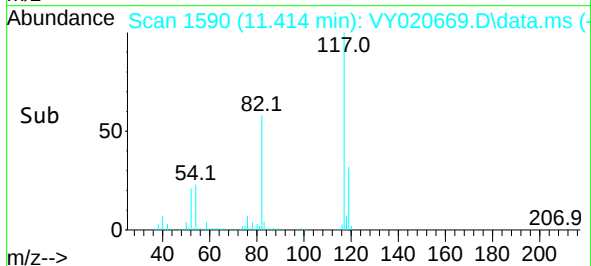
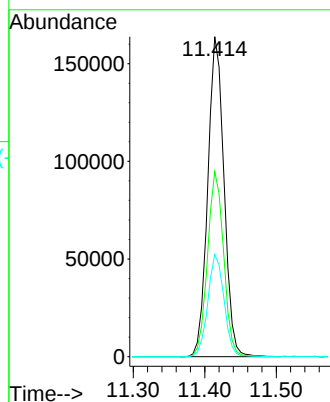
Tgt Ion:117 Resp: 258559

Ion Ratio Lower Upper

117 100

82 57.9 45.8 68.6

119 31.9 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020669.D

Acq: 20 Dec 2024 14:34

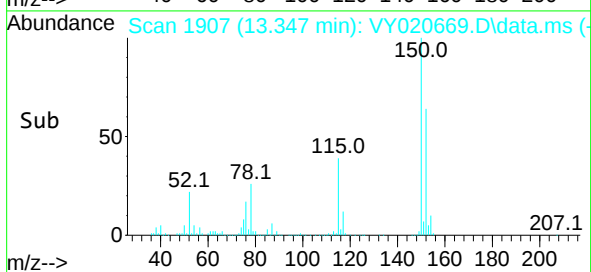
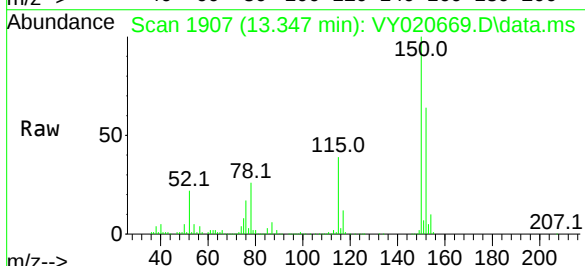
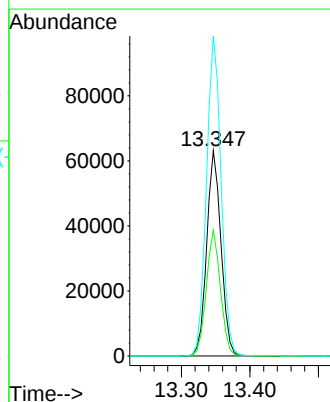
Tgt Ion:152 Resp: 91825

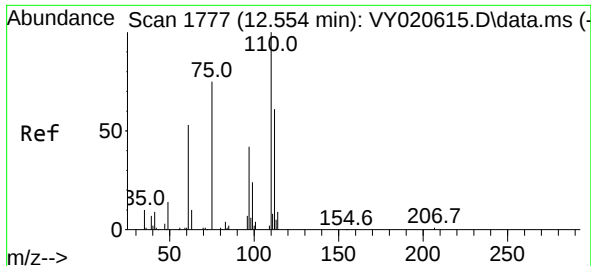
Ion Ratio Lower Upper

152 100

115 60.5 30.2 90.6

150 159.1 0.0 355.4

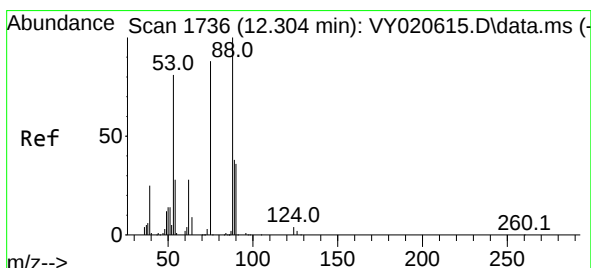
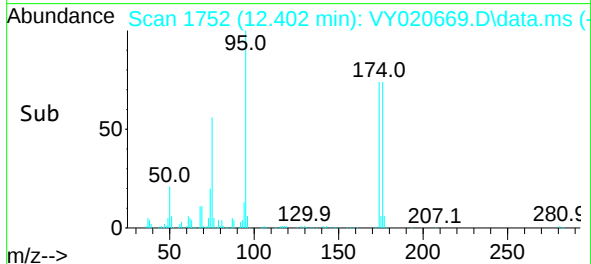
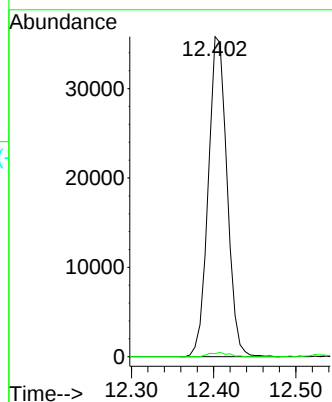
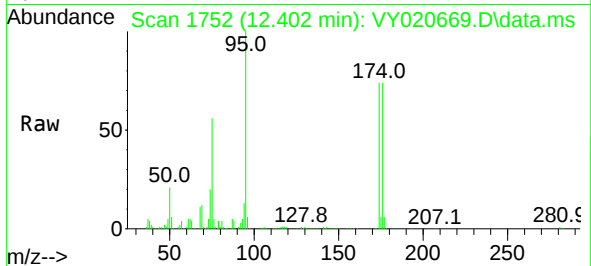




#76
1,2,3-Trichloropropane
Concen: 59.573 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 56826
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.047 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

Tgt Ion: 75 Resp: 56826
Ion Ratio Lower Upper
75 100
53 0.1 75.4 113.2#
89 0.0 37.0 55.4#

