

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121224\
 Data File : VY020591.D
 Acq On : 12 Dec 2024 10:36
 Operator : SY/MD
 Sample : VY1212SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 13 05:39:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

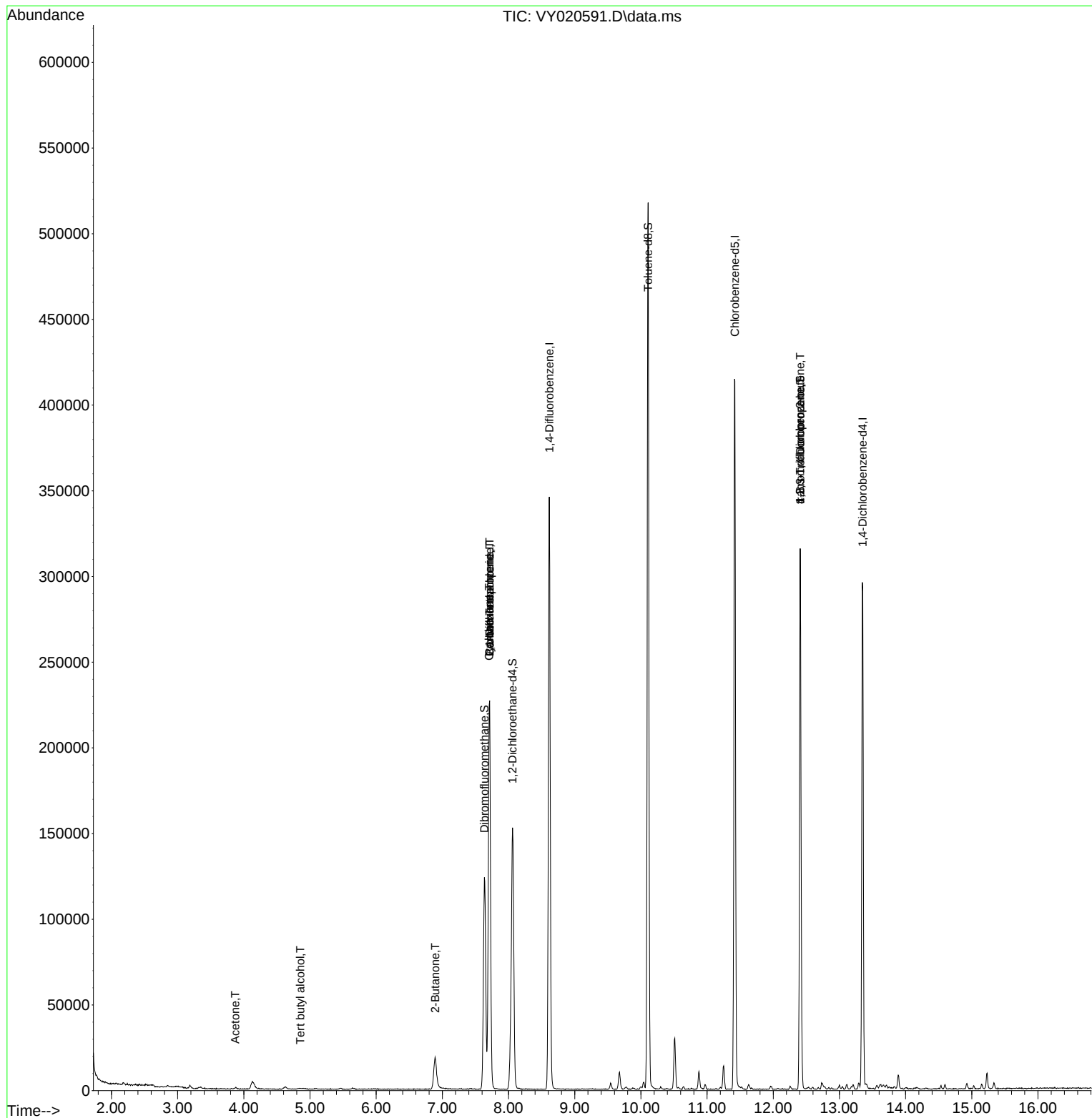
Internal Standards						
1) Pentafluorobenzene	7.713	168	176348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	285275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	218993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	76065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	107354	59.858	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.720%	
35) Dibromofluoromethane	7.634	113	88790	49.439	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.880%	
50) Toluene-d8	10.109	98	335847	49.110	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.220%	
62) 4-Bromofluorobenzene	12.407	95	90438	37.812	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 75.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	842	7.237	ug/l #	73
16) Acetone	3.872	43	1395	3.128	ug/l	93
25) 2-Butanone	6.890	43	1406	2.497	ug/l #	83
31) Cyclohexane	7.707	56	3999	1.132	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	14316	4.720	ug/l #	52
38) Carbon Tetrachloride	7.713	117	18243	5.040	ug/l #	15
76) 1,2,3-Trichloropropane	12.407	75	49403	63.757	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	49403	130.820	ug/l #	10

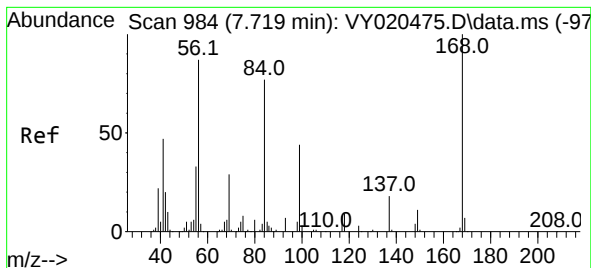
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121224\
Data File : VY020591.D
Acq On : 12 Dec 2024 10:36
Operator : SY/MD
Sample : VY1212SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 13 05:39:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY020591.D

Acq: 12 Dec 2024 10:36

Instrument :

MSVOA_Y

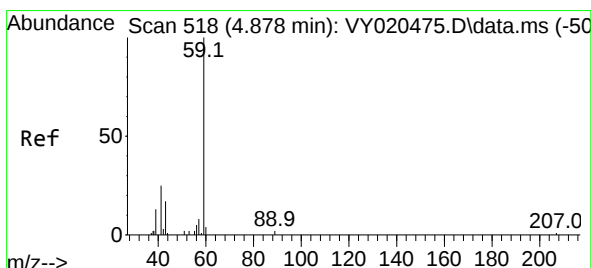
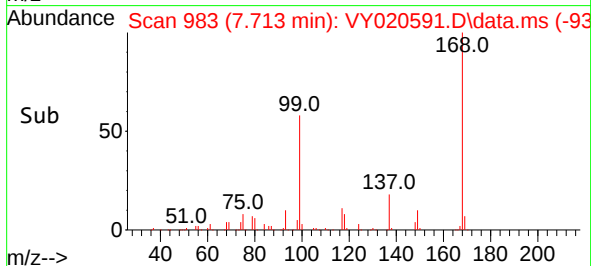
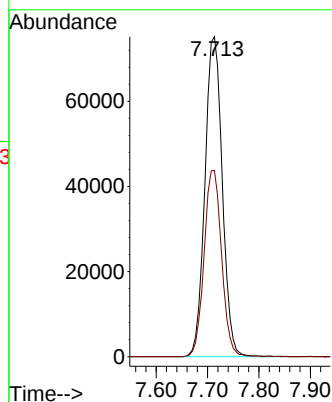
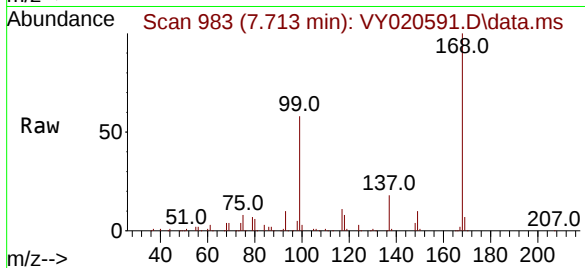
ClientSampleId :

Tgt Ion:168 Resp: 176348

Ion Ratio Lower Upper

168 100

99 58.2 46.6 69.8



#11

Tert butyl alcohol

Concen: 7.237 ug/l

RT: 4.854 min Scan# 514

Delta R.T. -0.025 min

Lab File: VY020591.D

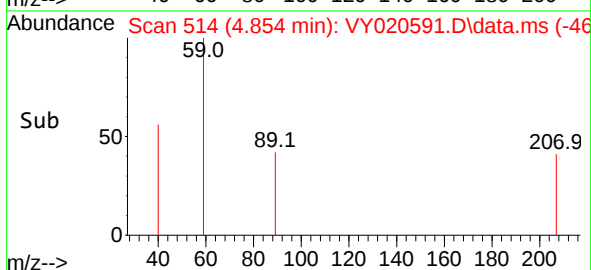
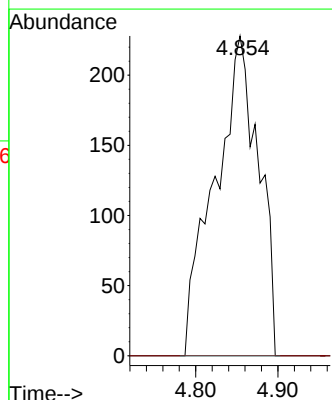
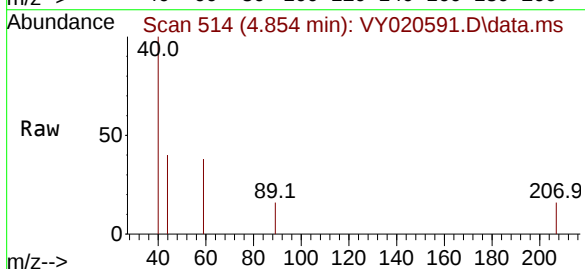
Acq: 12 Dec 2024 10:36

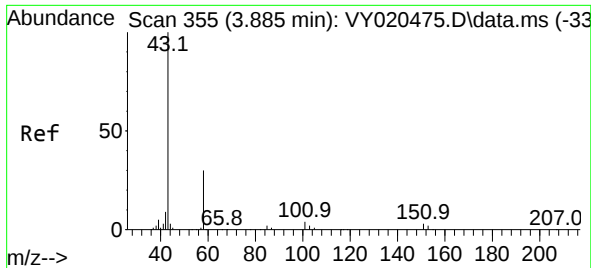
Tgt Ion: 59 Resp: 842

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#16

Acetone

Concen: 3.128 ug/l

RT: 3.872 min Scan# 3

Delta R.T. -0.012 min

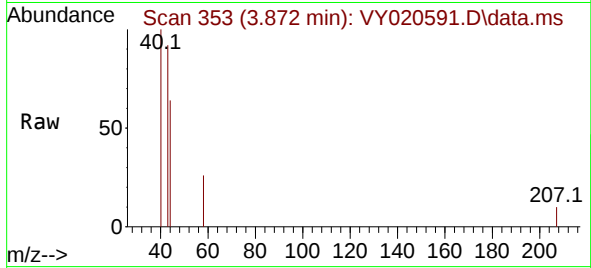
Lab File: VY020591.D

Acq: 12 Dec 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

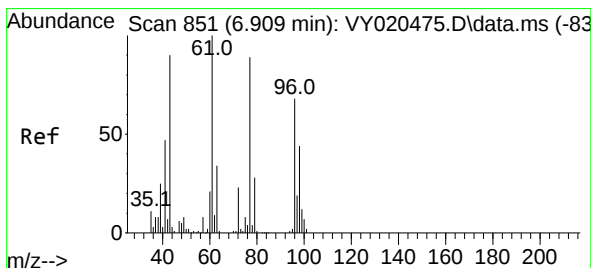
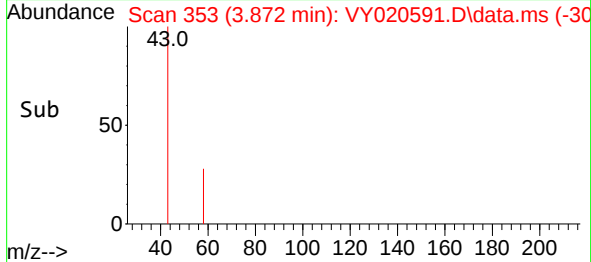
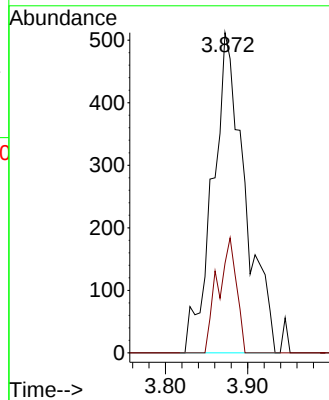


Tgt Ion: 43 Resp: 1395

Ion Ratio Lower Upper

43 100

58 27.9 25.7 38.5



#25

2-Butanone

Concen: 2.497 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.018 min

Lab File: VY020591.D

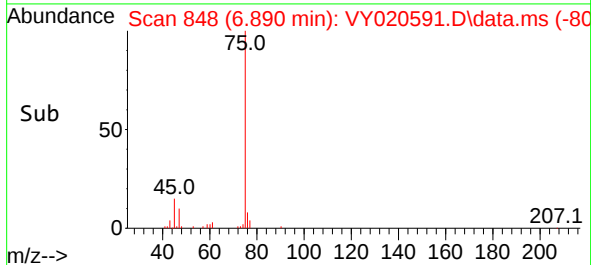
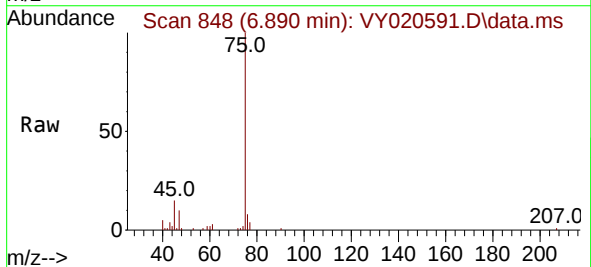
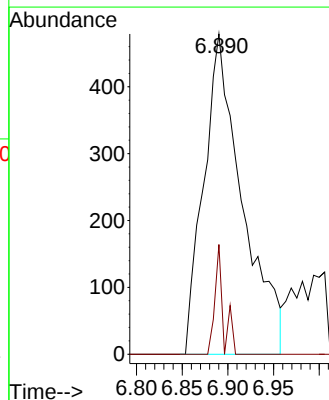
Acq: 12 Dec 2024 10:36

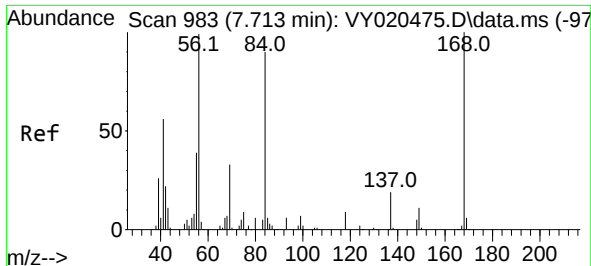
Tgt Ion: 43 Resp: 1406

Ion Ratio Lower Upper

43 100

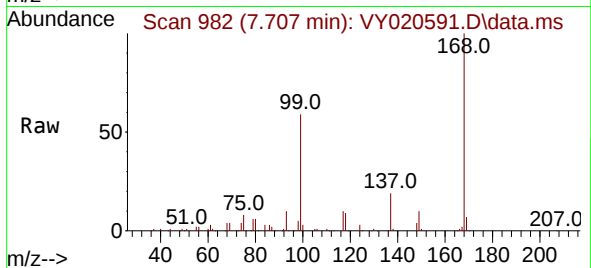
72 34.2 20.4 30.6#



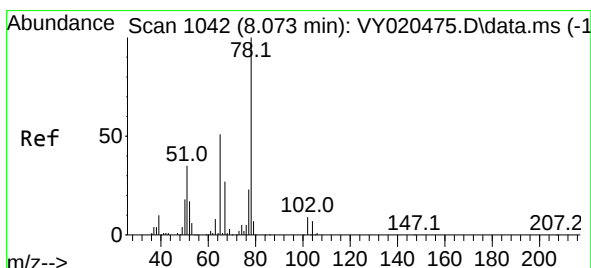
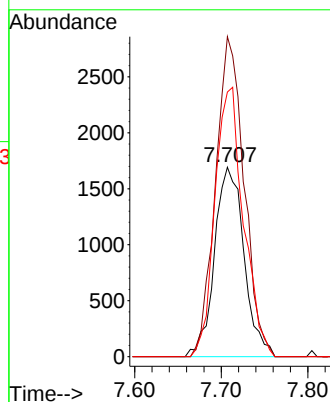
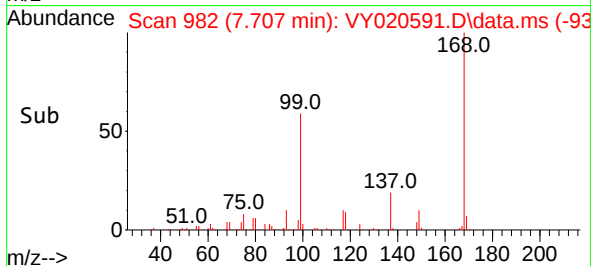


#31
Cyclohexane
Concen: 1.132 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020591.D
Acq: 12 Dec 2024 10:36

Instrument :
MSVOA_Y
ClientSampleId :

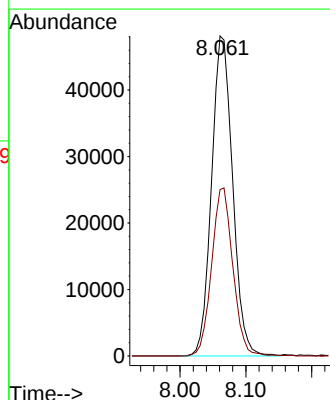
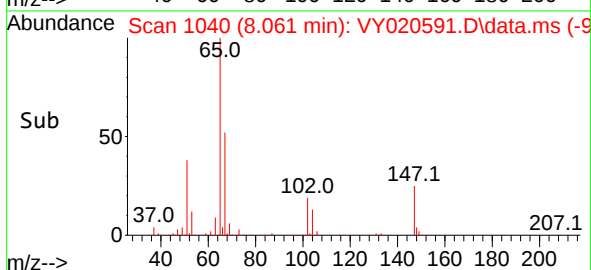
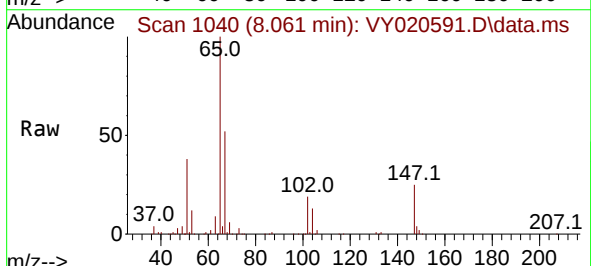


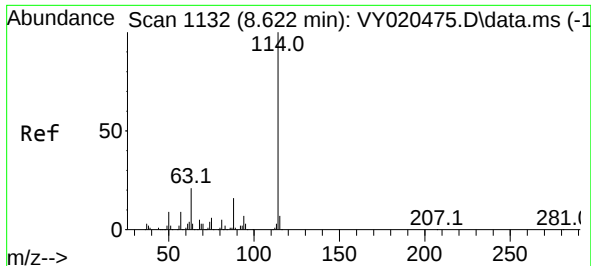
Tgt Ion: 56 Resp: 3999
Ion Ratio Lower Upper
56 100
69 169.0 25.3 37.9#
84 139.8 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 59.858 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020591.D
Acq: 12 Dec 2024 10:36

Tgt Ion: 65 Resp: 107354
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

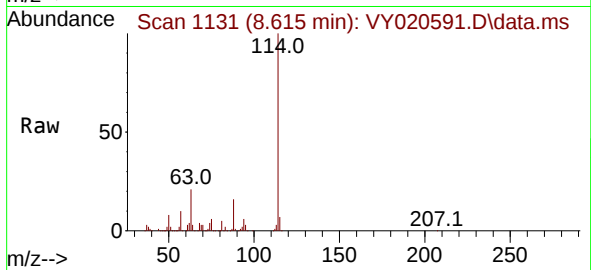
Lab File: VY020591.D

Acq: 12 Dec 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :



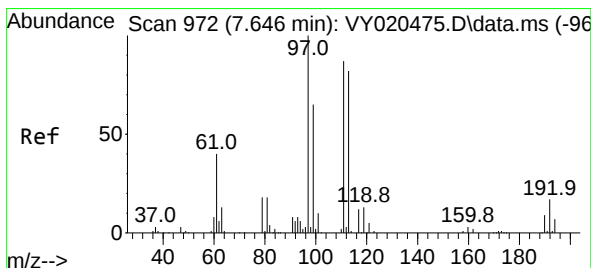
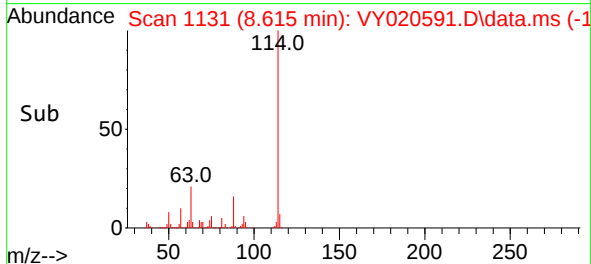
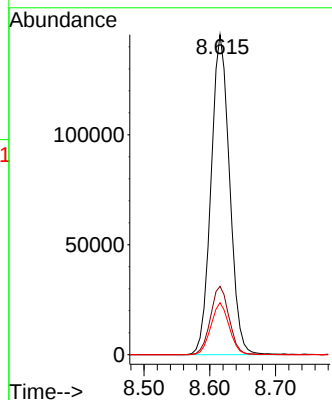
Tgt Ion:114 Resp: 285275

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.8

88 16.2 0.0 32.0



#35

Dibromofluoromethane

Concen: 49.439 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.012 min

Lab File: VY020591.D

Acq: 12 Dec 2024 10:36

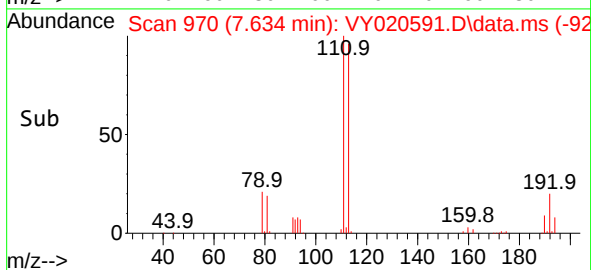
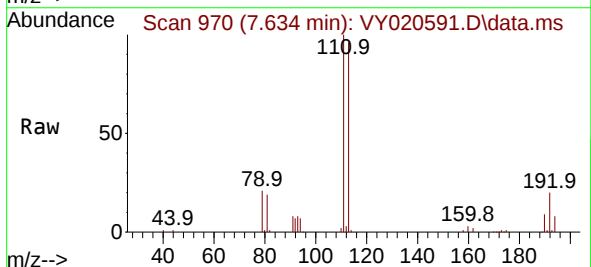
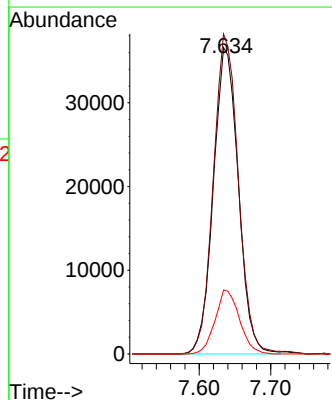
Tgt Ion:113 Resp: 88790

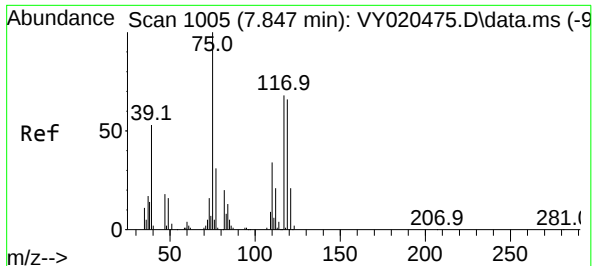
Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

192 20.3 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.720 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.134 min

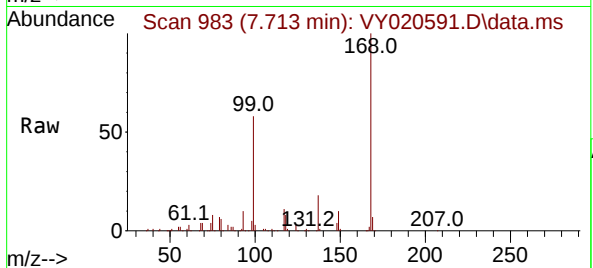
Lab File: VY020591.D

Acq: 12 Dec 2024 10:36

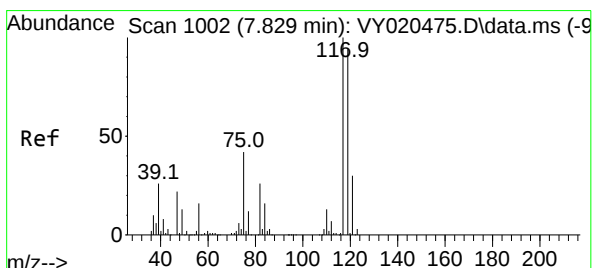
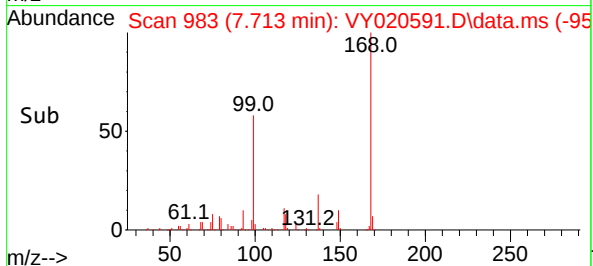
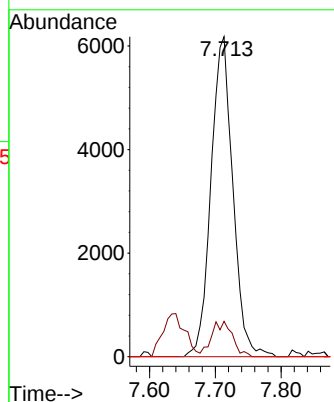
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 14316
Ion Ratio	Lower Upper
75	100
110	10.5 16.7 50.0#
77	0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.040 ug/l

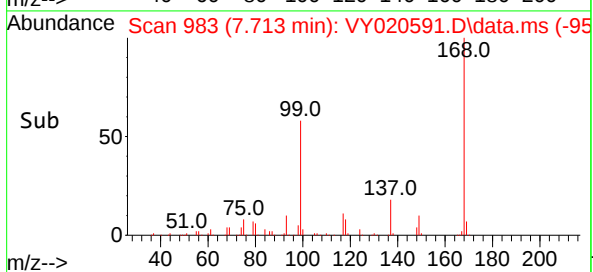
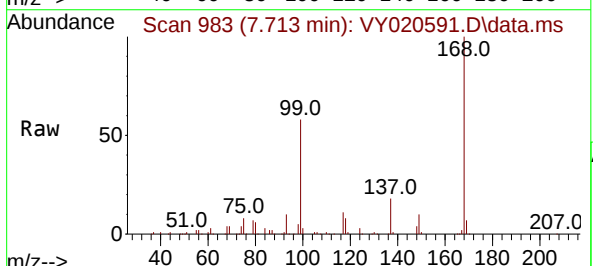
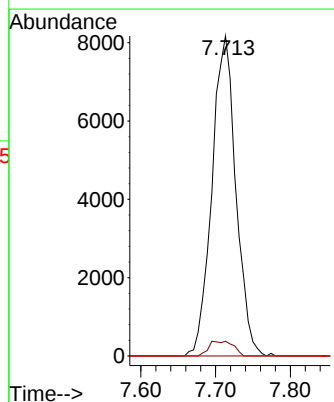
RT: 7.713 min Scan# 983

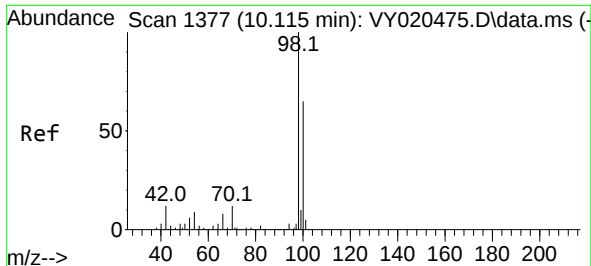
Delta R.T. -0.116 min

Lab File: VY020591.D

Acq: 12 Dec 2024 10:36

Tgt Ion: 117	Resp: 18243
Ion Ratio	Lower Upper
117	100
119	4.6 77.8 116.6#
121	0.0 24.6 37.0#

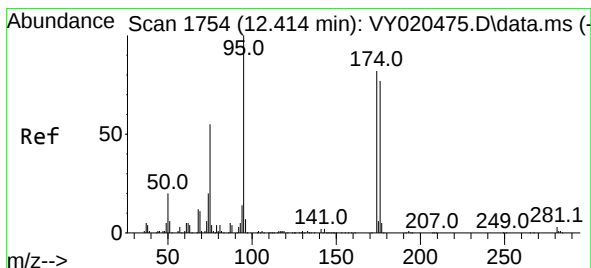
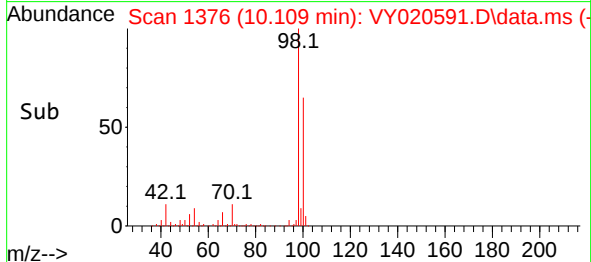
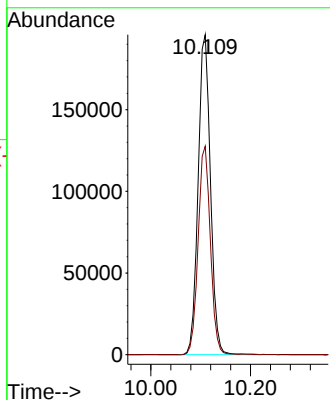
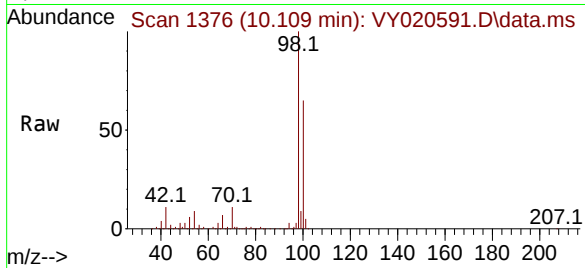




#50
Toluene-d8
Concen: 49.110 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020591.D
Acq: 12 Dec 2024 10:36

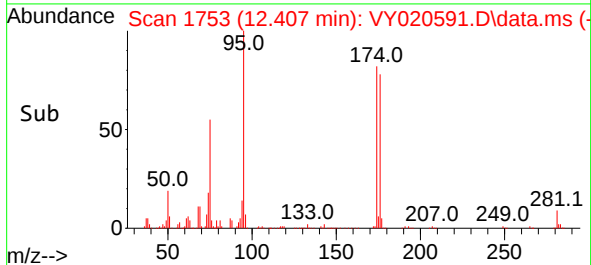
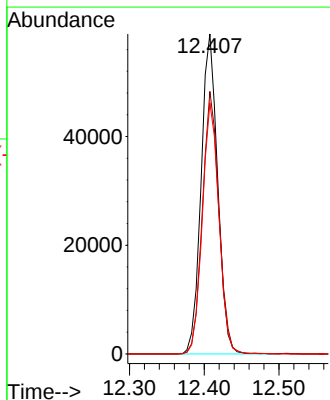
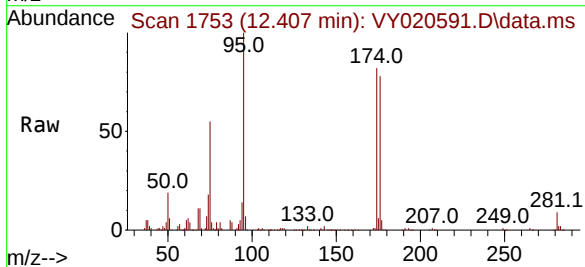
Instrument :
MSVOA_Y
ClientSampleId :

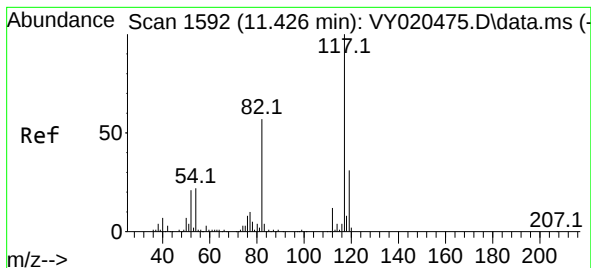
Tgt Ion: 98 Resp: 335847
Ion Ratio Lower Upper
98 100
100 64.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 37.812 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020591.D
Acq: 12 Dec 2024 10:36

Tgt Ion: 95 Resp: 90438
Ion Ratio Lower Upper
95 100
174 81.7 0.0 156.8
176 78.4 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020591.D

Acq: 12 Dec 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

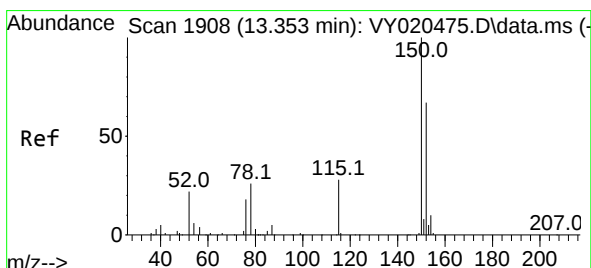
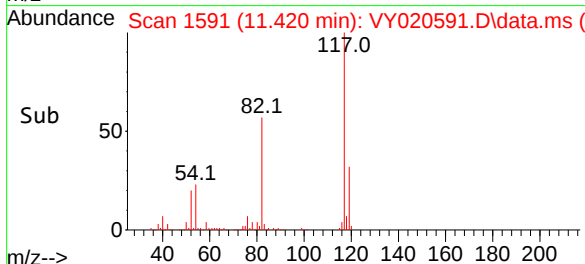
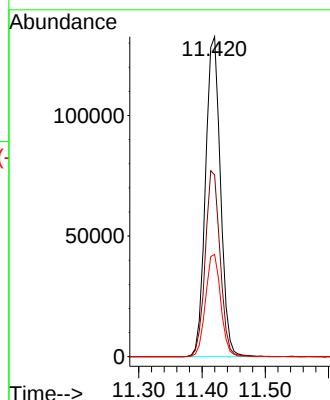
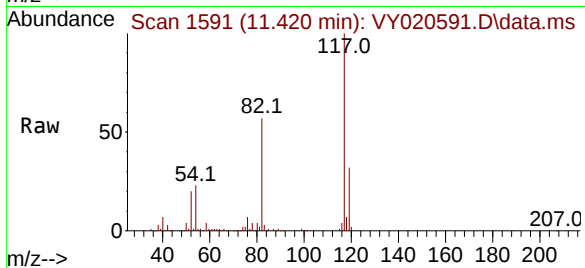
Tgt Ion:117 Resp: 218993

Ion Ratio Lower Upper

117 100

82 56.8 48.2 72.4

119 32.0 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020591.D

Acq: 12 Dec 2024 10:36

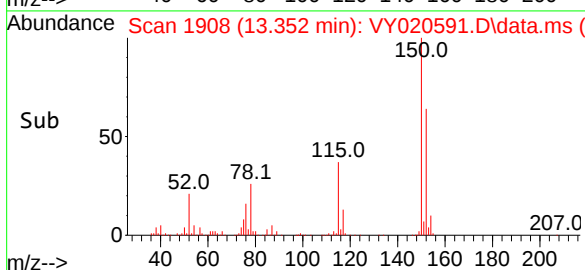
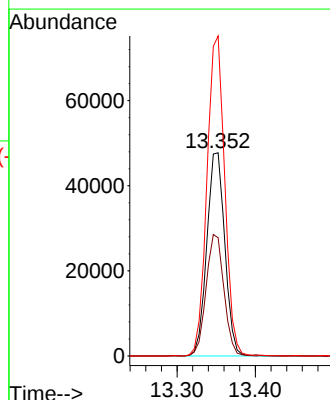
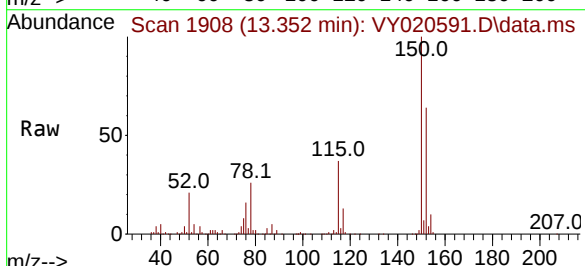
Tgt Ion:152 Resp: 76065

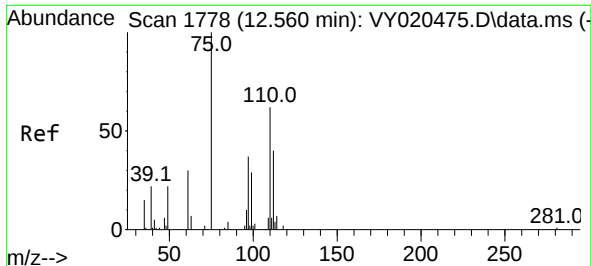
Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 155.5 0.0 348.2

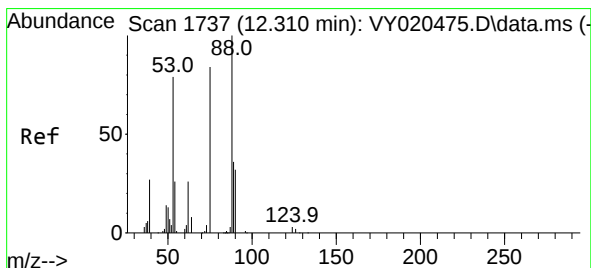
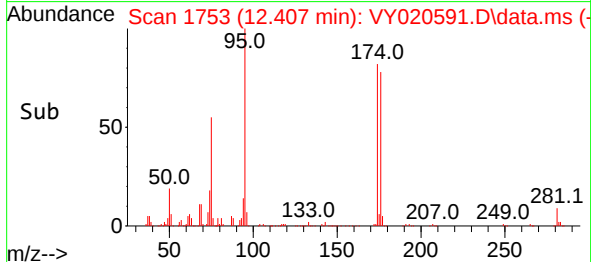
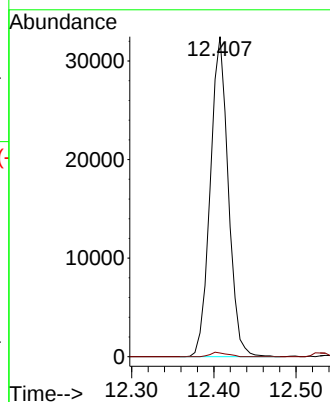
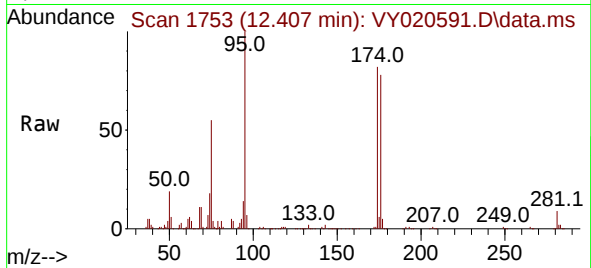




#76
1,2,3-Trichloropropane
Concen: 63.757 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY020591.D
Acq: 12 Dec 2024 10:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 49403
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.820 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY020591.D
Acq: 12 Dec 2024 10:36

Tgt Ion: 75 Resp: 49403
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.5 35.1 52.7#

