

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020542.D
 Acq On : 06 Dec 2024 17:27
 Operator : SY/MD
 Sample : P5095-03
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 03:28:22 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)

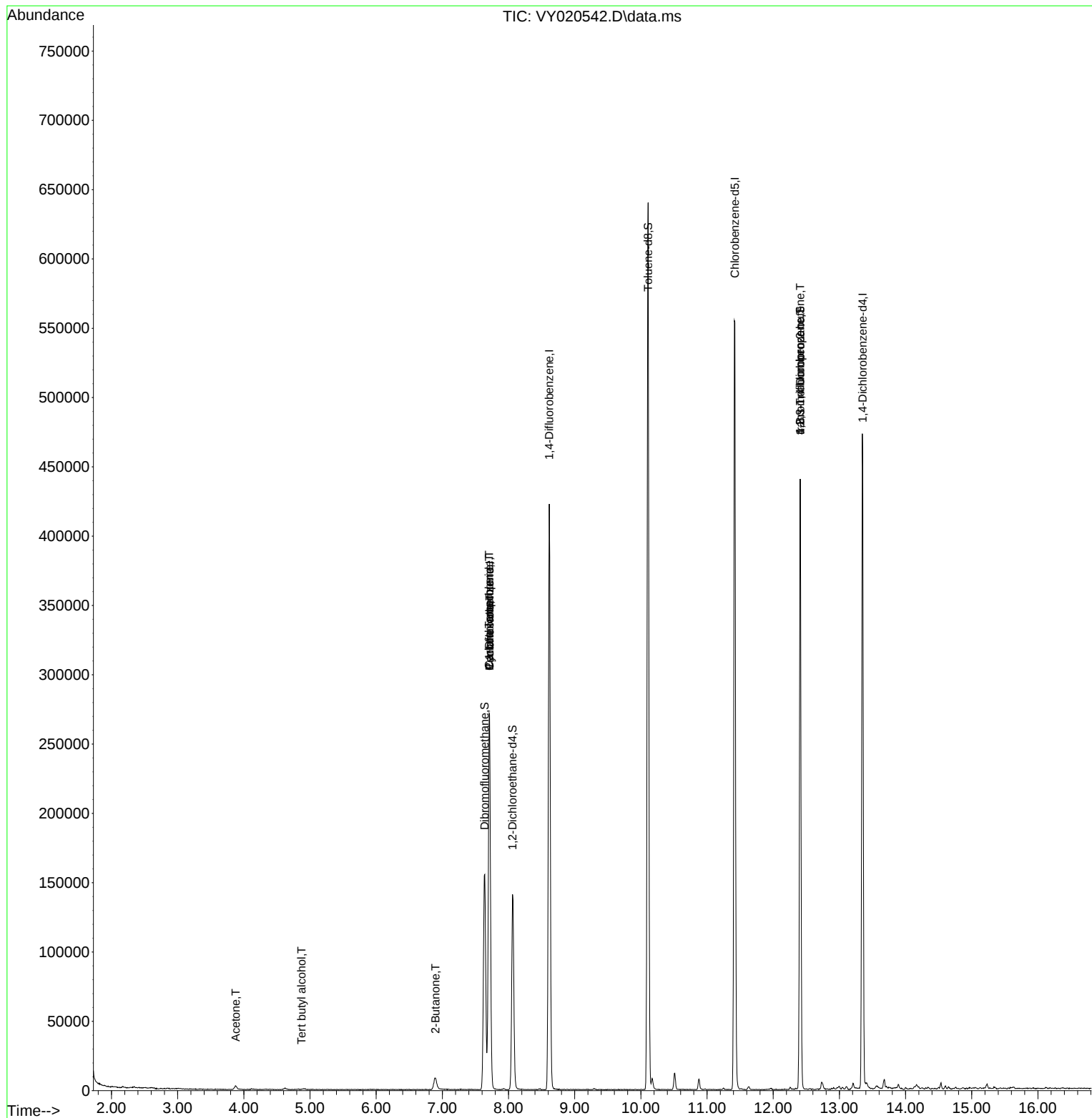
Internal Standards						
1) Pentafluorobenzene	7.713	168	209381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	357389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	302261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	121965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	116431	54.677	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery	= 109.360%		
35) Dibromofluoromethane	7.640	113	113393	50.398	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 100.800%		
50) Toluene-d8	10.109	98	426859	49.824	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 99.640%		
62) 4-Bromofluorobenzene	12.408	95	133130	44.430	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery	= 88.860%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.872	59	315	2.280	ug/l #	73
16) Acetone	3.879	43	4769	9.007	ug/l	95
25) 2-Butanone	6.896	43	765	1.144	ug/l #	50
31) Cyclohexane	7.713	56	4308	1.027	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	15975	4.205	ug/l #	51
38) Carbon Tetrachloride	7.707	117	22020	4.856	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	69879	56.243	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	69879	115.403	ug/l #	9

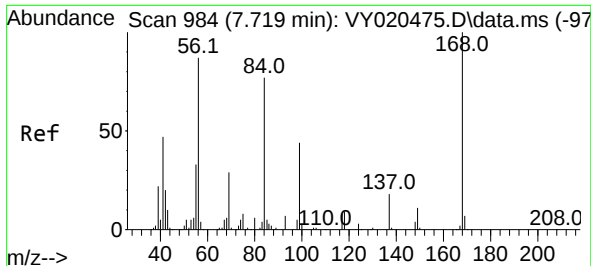
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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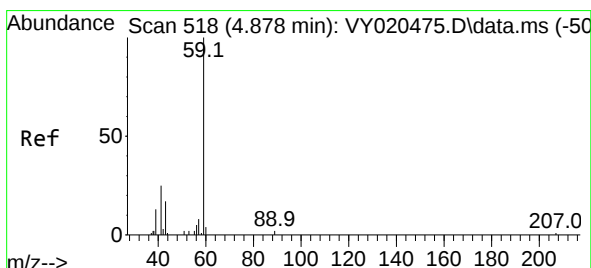
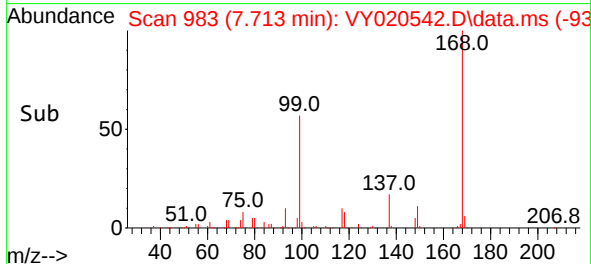
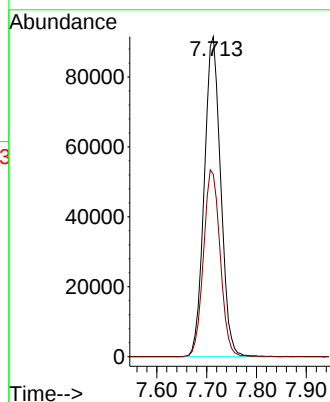
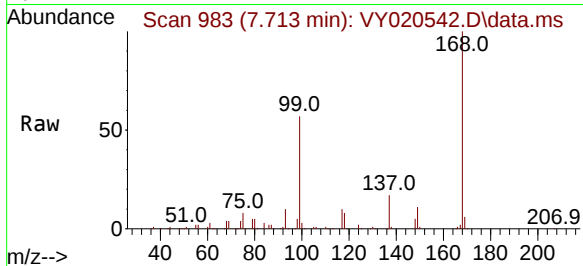




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020542.D
Acq: 06 Dec 2024 17:27

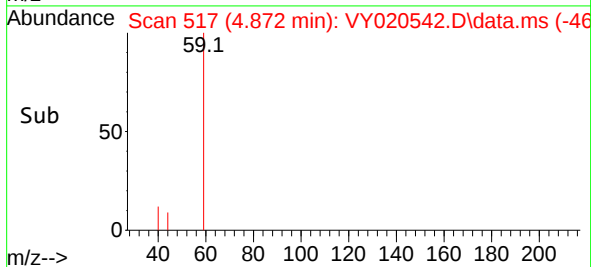
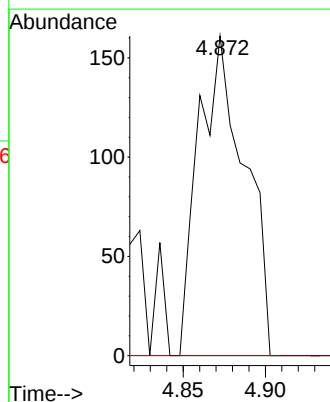
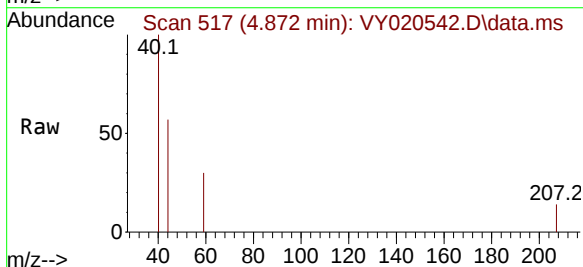
Instrument :
MSVOA_Y
ClientSampleId :

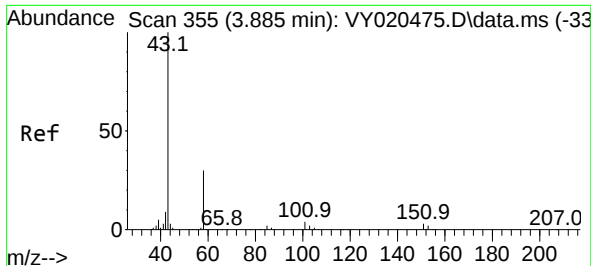
Tgt Ion:168 Resp: 209381
Ion Ratio Lower Upper
168 100
99 56.9 46.6 69.8



#11
Tert butyl alcohol
Concen: 2.280 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY020542.D
Acq: 06 Dec 2024 17:27

Tgt Ion: 59 Resp: 315
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: 9.007 ug/l

RT: 3.879 min Scan# 31

Delta R.T. -0.006 min

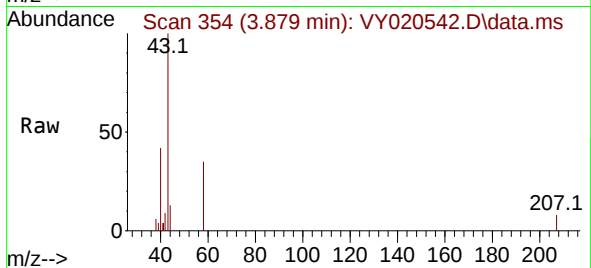
Lab File: VY020542.D

Acq: 06 Dec 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

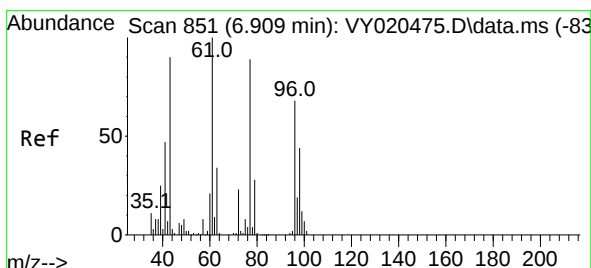
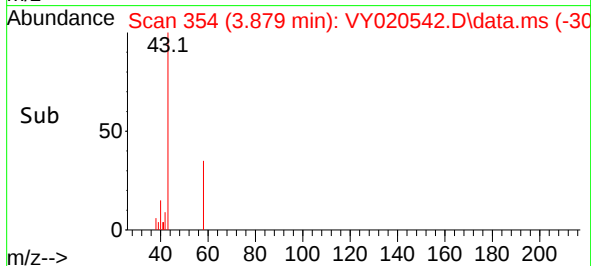
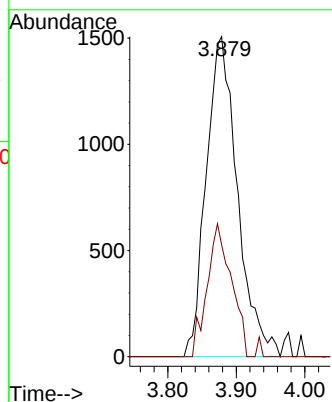


Tgt Ion: 43 Resp: 4769

Ion Ratio Lower Upper

43 100

58 34.9 25.7 38.5



#25

2-Butanone

Concen: 1.144 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.012 min

Lab File: VY020542.D

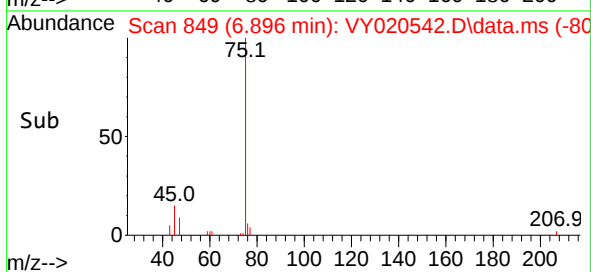
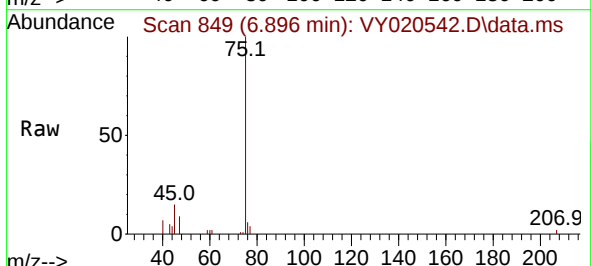
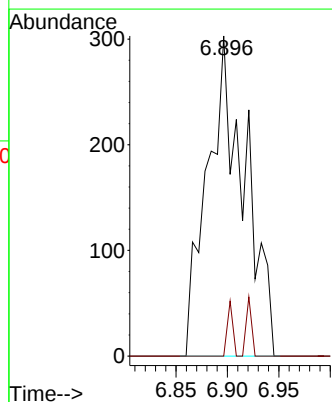
Acq: 06 Dec 2024 17:27

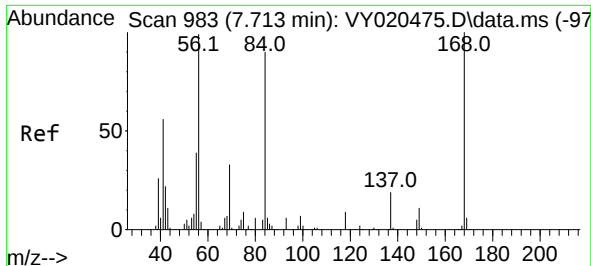
Tgt Ion: 43 Resp: 765

Ion Ratio Lower Upper

43 100

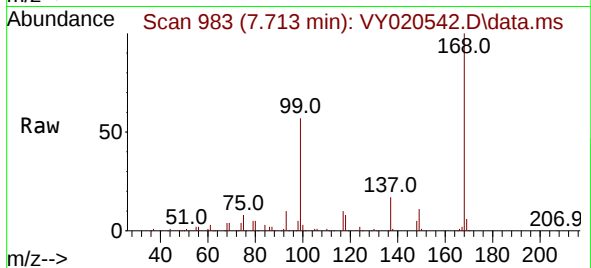
72 0.0 20.4 30.6#



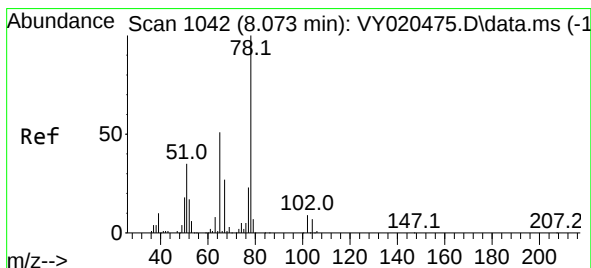
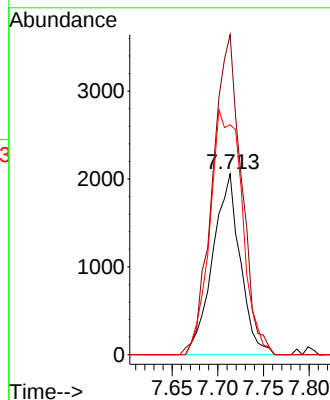
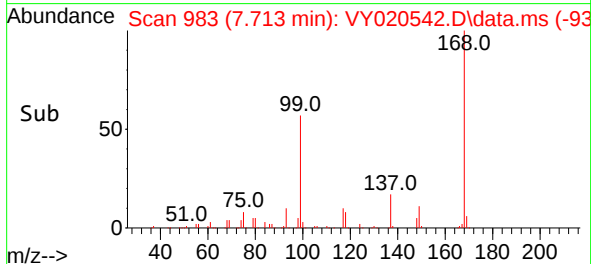


#31
Cyclohexane
Concen: 1.027 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020542.D
Acq: 06 Dec 2024 17:27

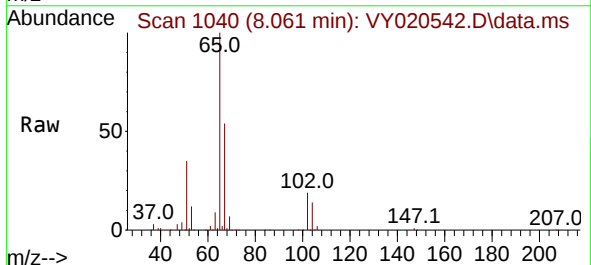
Instrument :
MSVOA_Y
ClientSampleId :



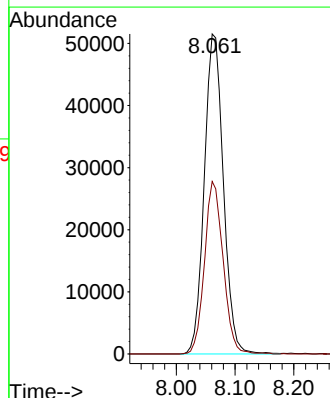
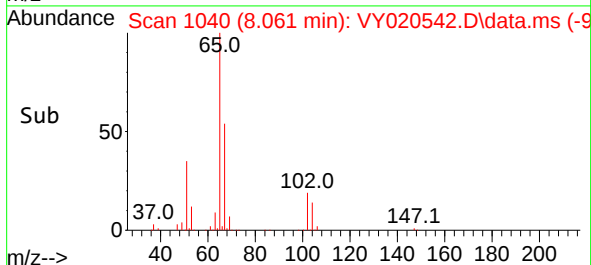
Tgt Ion: 56 Resp: 4308
Ion Ratio Lower Upper
56 100
69 177.0 25.3 37.9#
84 127.2 66.9 100.3#

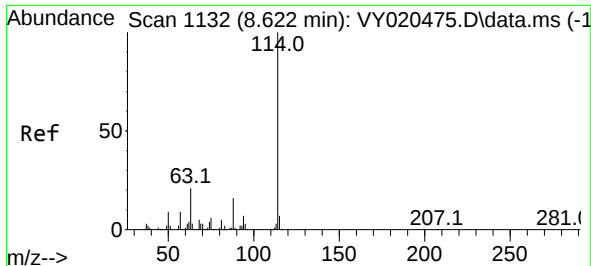


#33
1,2-Dichloroethane-d4
Concen: 54.677 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020542.D
Acq: 06 Dec 2024 17:27



Tgt Ion: 65 Resp: 116431
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY020542.D

Acq: 06 Dec 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

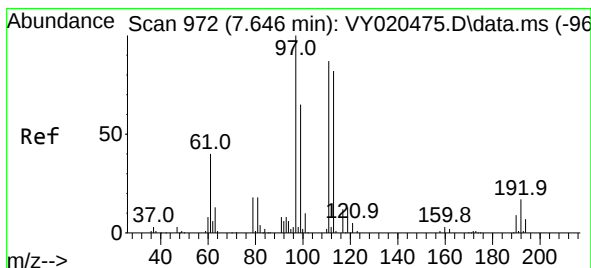
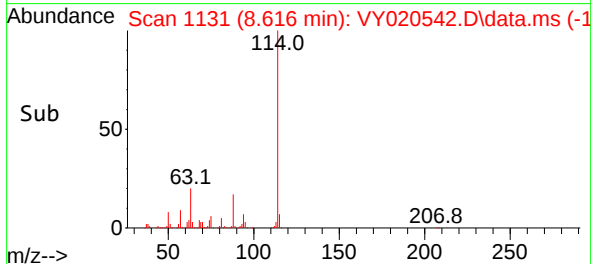
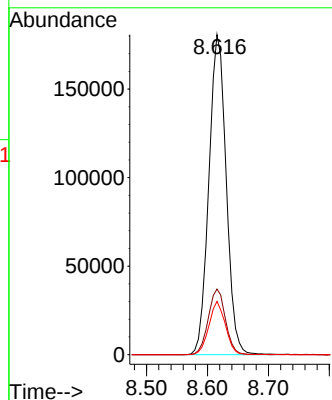
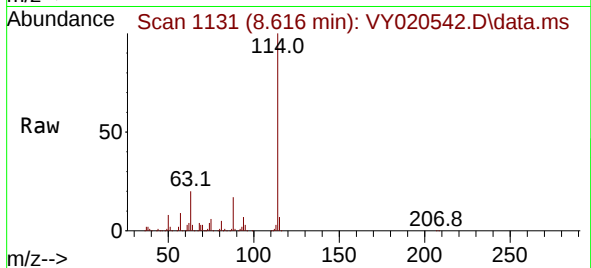
Tgt Ion:114 Resp: 357389

Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.8

88 16.7 0.0 32.0



#35

Dibromofluoromethane

Concen: 50.398 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.006 min

Lab File: VY020542.D

Acq: 06 Dec 2024 17:27

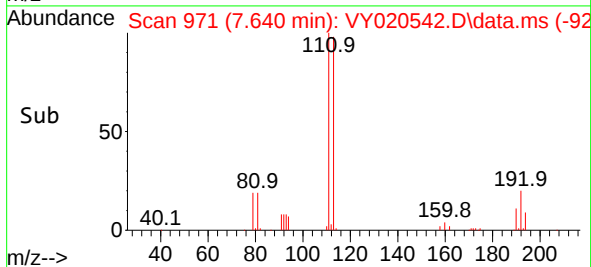
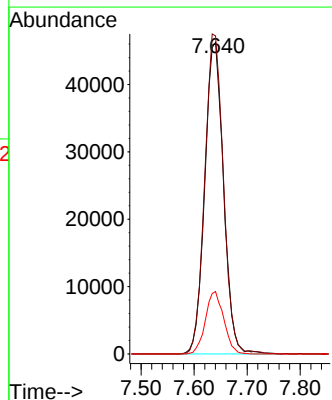
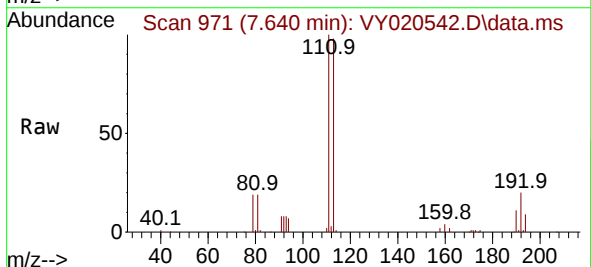
Tgt Ion:113 Resp: 113393

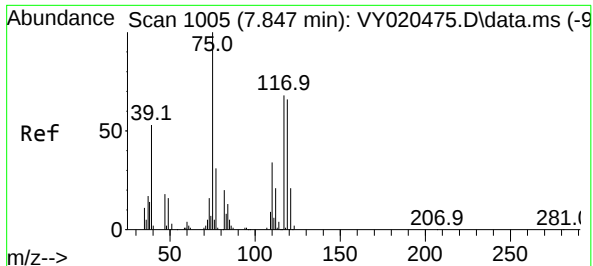
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 19.7 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.205 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.140 min

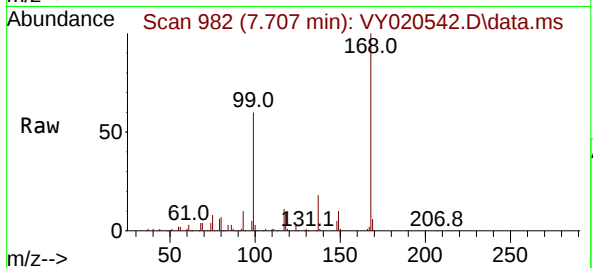
Lab File: VY020542.D

Acq: 06 Dec 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :



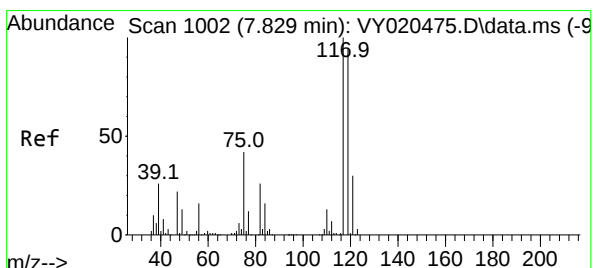
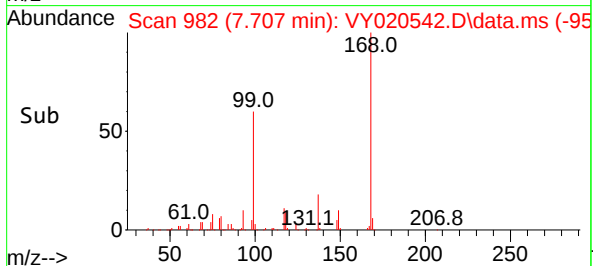
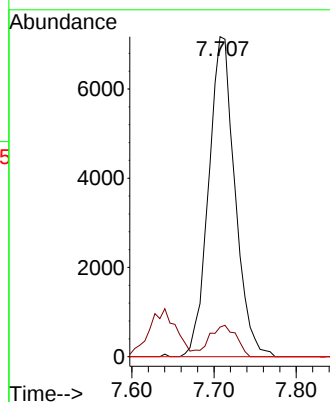
Tgt Ion: 75 Resp: 15975

Ion Ratio Lower Upper

75 100

110 9.5 16.7 50.0#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.856 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.122 min

Lab File: VY020542.D

Acq: 06 Dec 2024 17:27

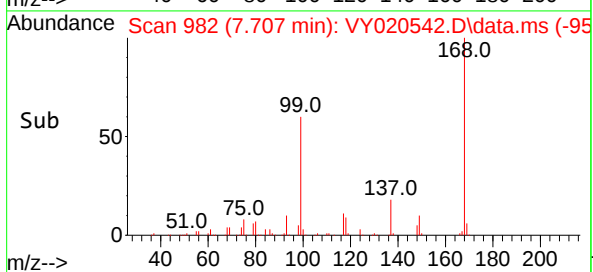
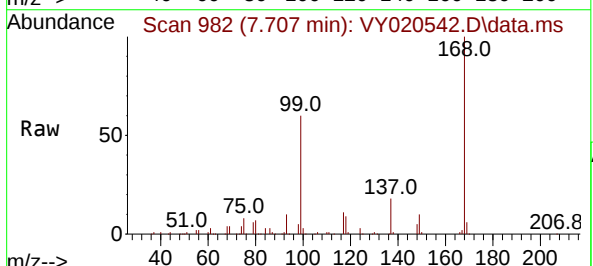
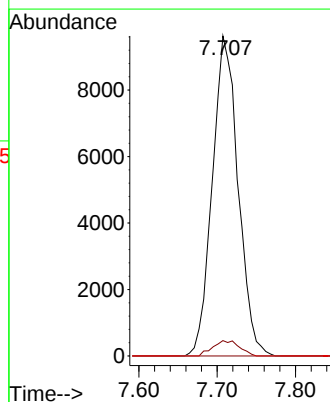
Tgt Ion: 117 Resp: 22020

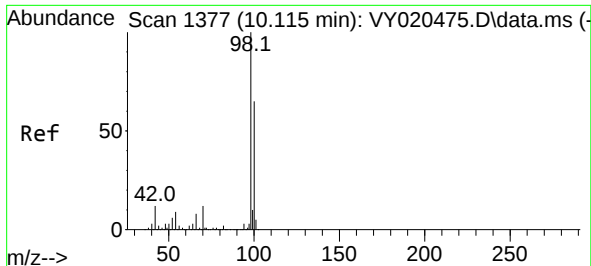
Ion Ratio Lower Upper

117 100

119 4.8 77.8 116.6#

121 0.0 24.6 37.0#

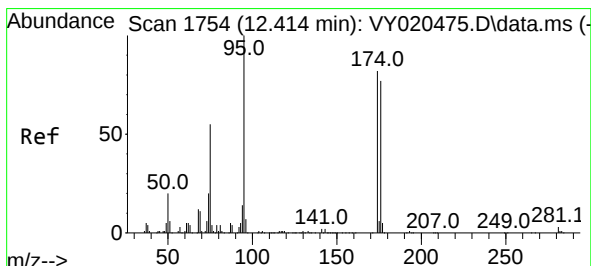
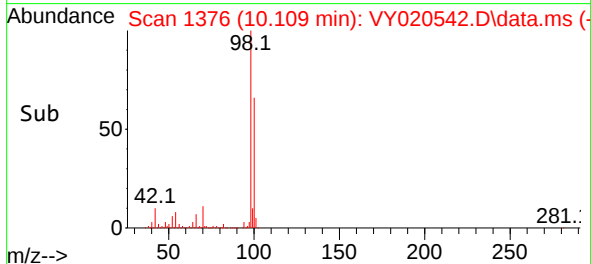
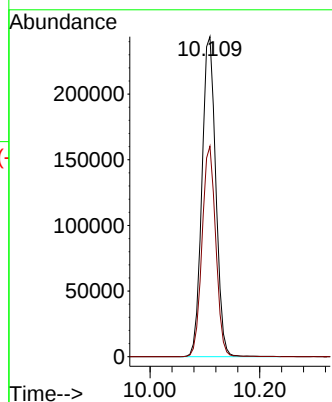
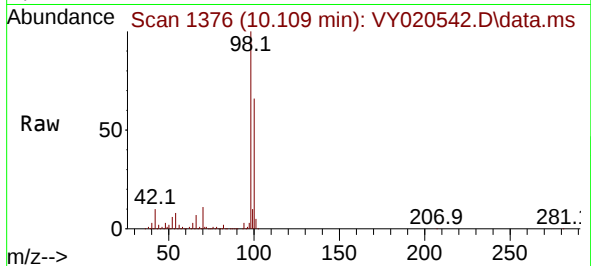




#50
Toluene-d8
Concen: 49.824 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY020542.D
Acq: 06 Dec 2024 17:27

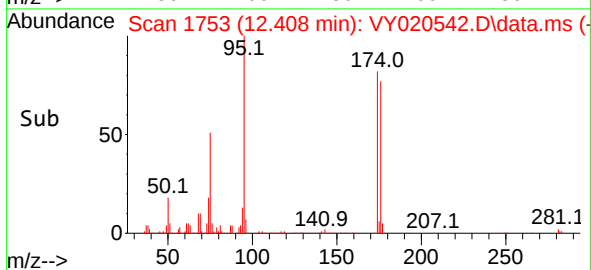
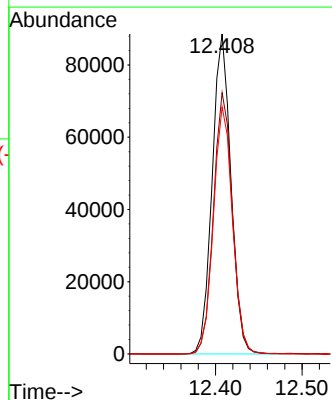
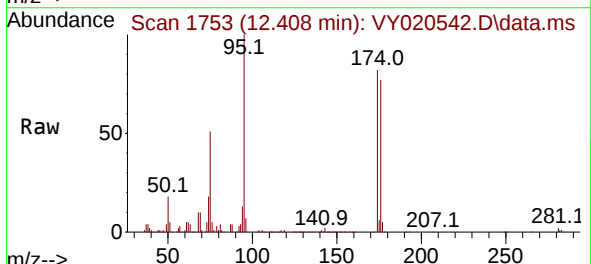
Instrument :
MSVOA_Y
ClientSampleId :

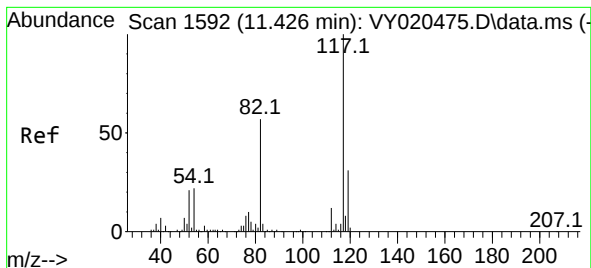
Tgt Ion: 98 Resp: 426859
Ion Ratio Lower Upper
98 100
100 65.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 44.430 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020542.D
Acq: 06 Dec 2024 17:27

Tgt Ion: 95 Resp: 133130
Ion Ratio Lower Upper
95 100
174 82.8 0.0 156.8
176 78.8 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: VY020542.D

Acq: 06 Dec 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

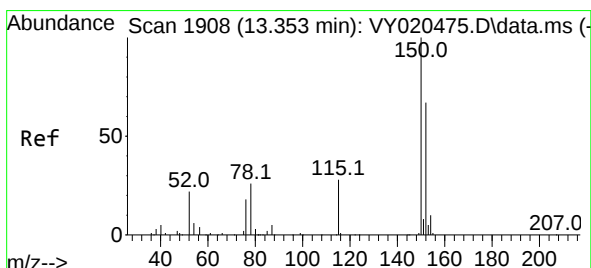
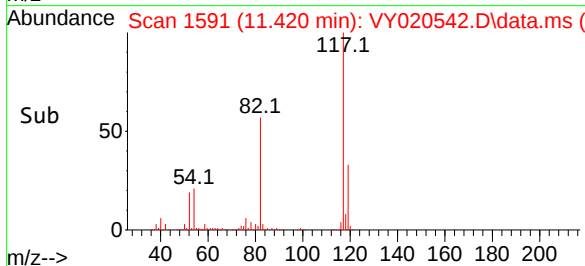
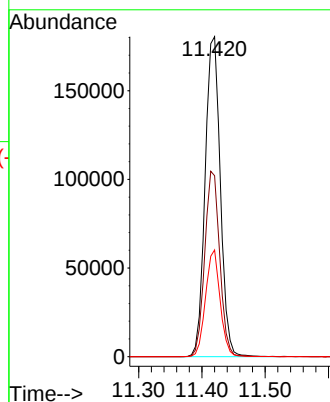
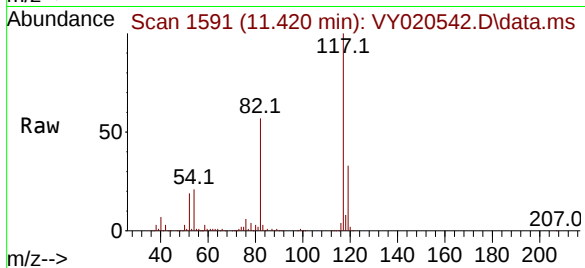
Tgt Ion:117 Resp: 302261

Ion Ratio Lower Upper

117 100

82 56.5 48.2 72.4

119 33.4 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020542.D

Acq: 06 Dec 2024 17:27

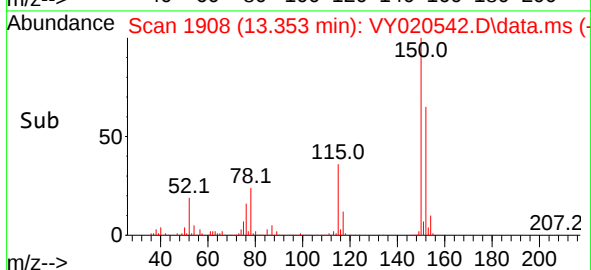
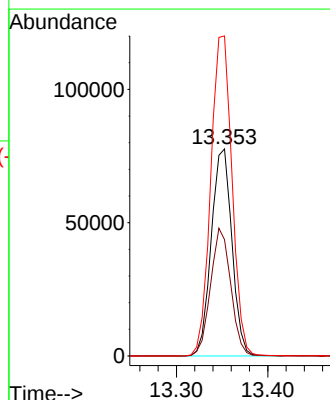
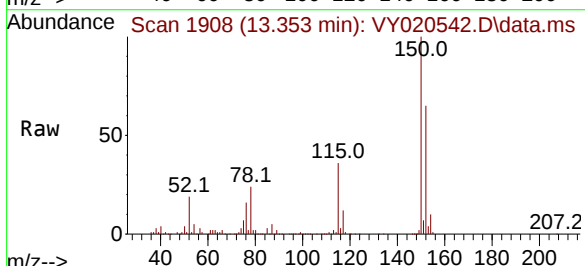
Tgt Ion:152 Resp: 121965

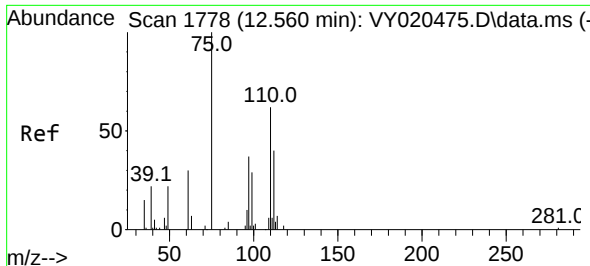
Ion Ratio Lower Upper

152 100

115 60.3 30.0 90.0

150 159.1 0.0 348.2

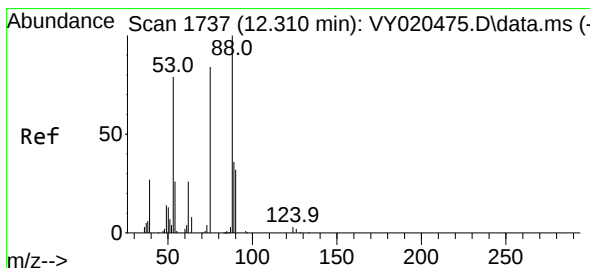
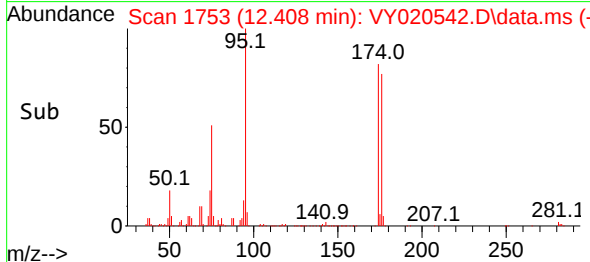
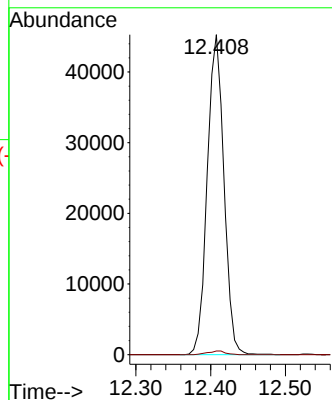
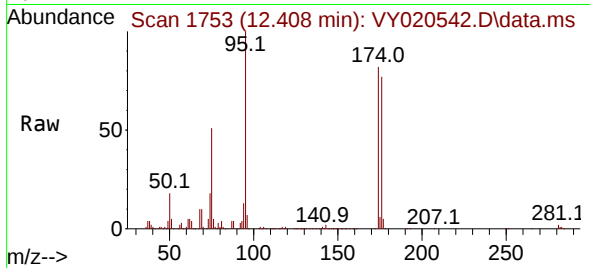




#76
1,2,3-Trichloropropane
Concen: 56.243 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020542.D
Acq: 06 Dec 2024 17:27

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 69879
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.403 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY020542.D
Acq: 06 Dec 2024 17:27

Tgt Ion: 75 Resp: 69879
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#

