

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020369.D
 Acq On : 20 Nov 2024 18:58
 Operator : SY/MD
 Sample : P4860-03
 Misc : 6.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 00:52:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

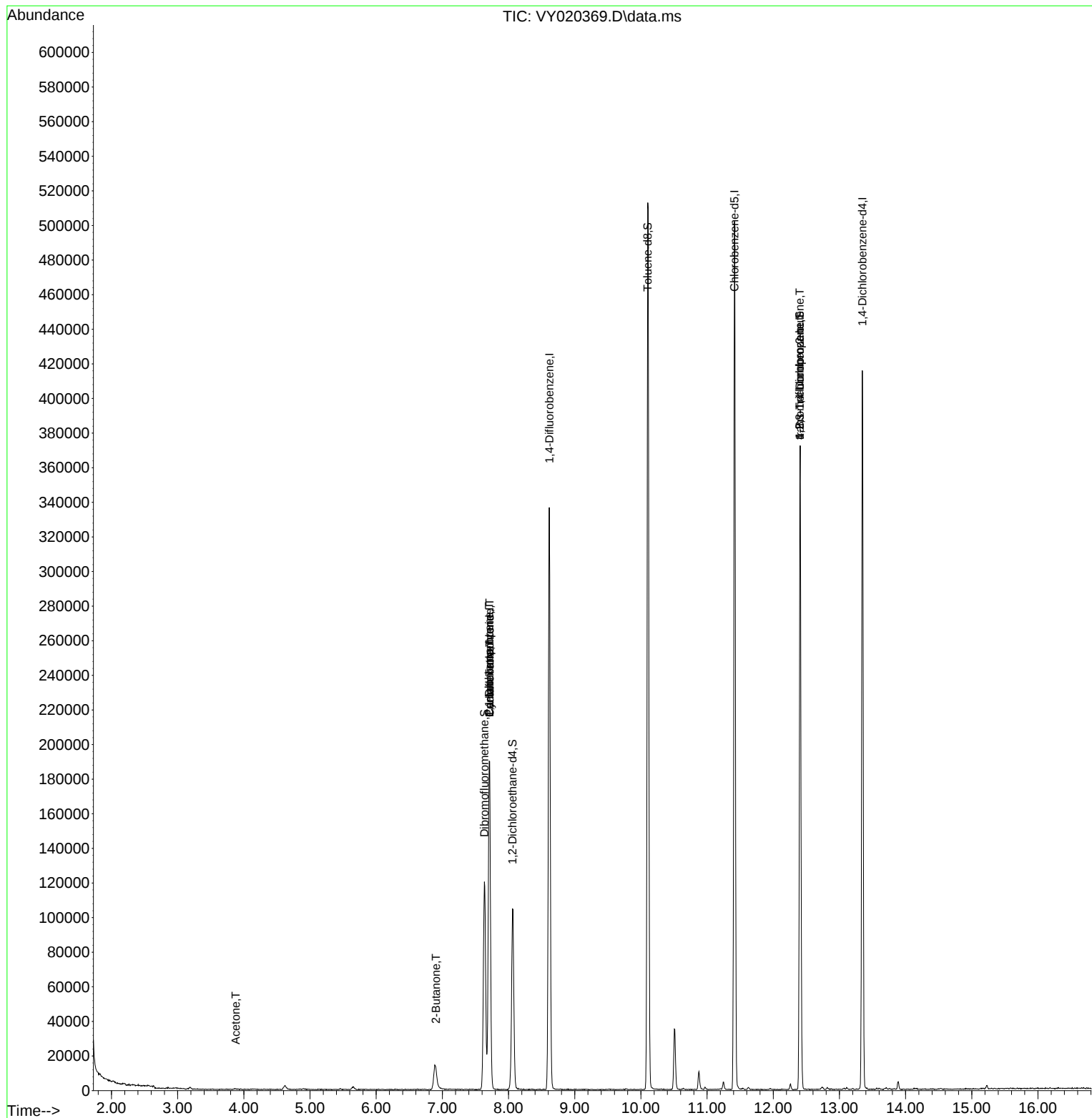
Internal Standards						
1) Pentafluorobenzene	7.713	168	142975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	273649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	253521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	99327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	84547	51.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.940%	
35) Dibromofluoromethane	7.634	113	84465	48.136	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.280%	
50) Toluene-d8	10.103	98	332194	48.059	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.120%	
62) 4-Bromofluorobenzene	12.402	95	111020	49.963	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 99.920%	
Target Compounds						Qvalue
3) Chloromethane	2.068	50	129	Below Cal	#	41
16) Acetone	3.879	43	656	1.666	ug/l #	43
25) 2-Butanone	6.902	43	775	1.529	ug/l #	50
31) Cyclohexane	7.713	56	3600	1.176	ug/l #	10
36) 1,1-Dichloropropene	7.707	75	12314	4.595	ug/l #	52
38) Carbon Tetrachloride	7.713	117	15832	5.658	ug/l #	15
76) 1,2,3-Trichloropropane	12.402	75	61699	65.905	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	61699	129.137	ug/l #	9

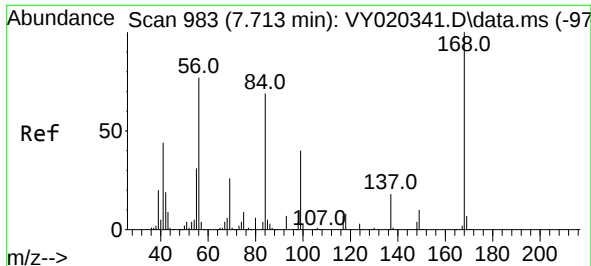
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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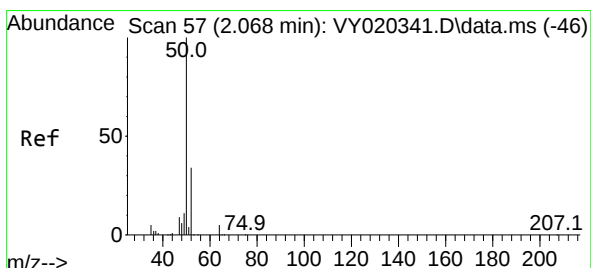
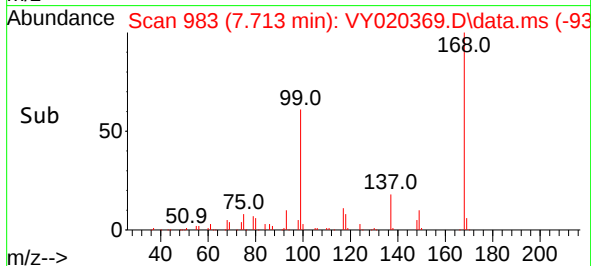
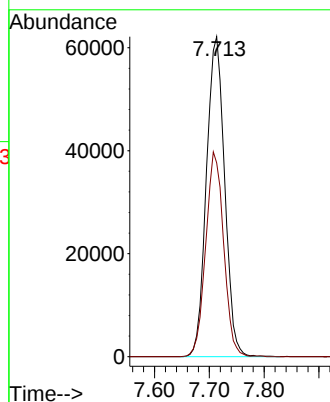
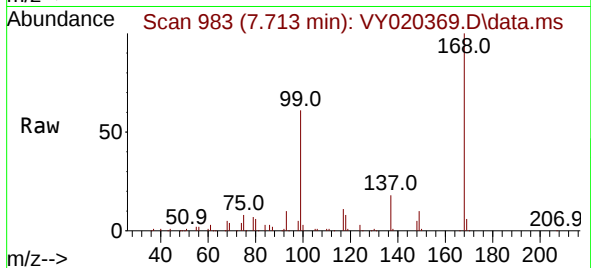




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020369.D
Acq: 20 Nov 2024 18:58

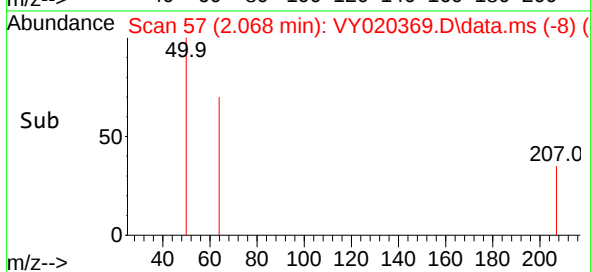
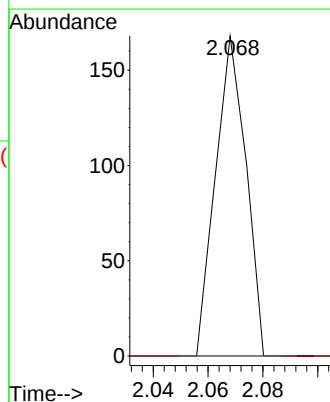
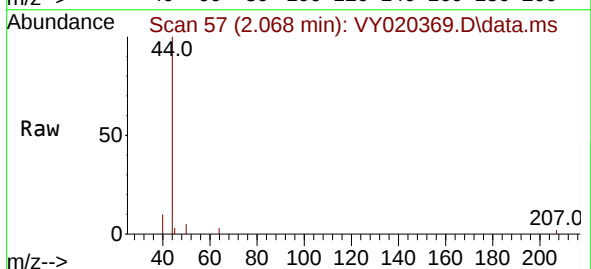
Instrument :
MSVOA_Y
ClientSampleId :

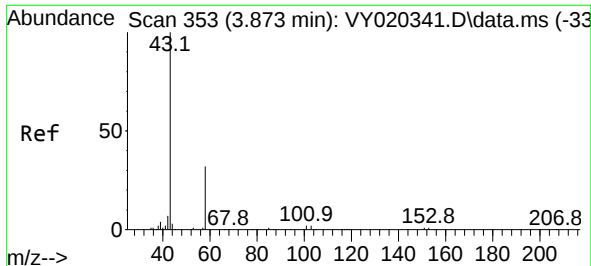
Tgt Ion:168 Resp: 142975
Ion Ratio Lower Upper
168 100
99 60.5 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.068 min Scan# 57
Delta R.T. 0.000 min
Lab File: VY020369.D
Acq: 20 Nov 2024 18:58

Tgt Ion: 50 Resp: 129
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#





#16

Acetone

Concen: 1.666 ug/l

RT: 3.879 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY020369.D

Acq: 20 Nov 2024 18:58

Instrument :

MSVOA_Y

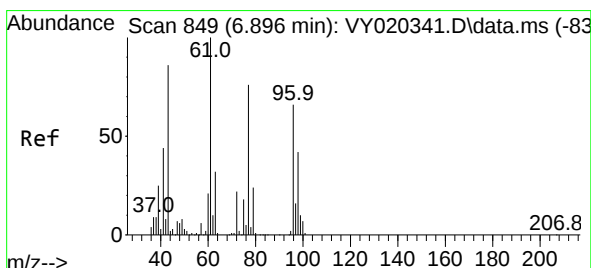
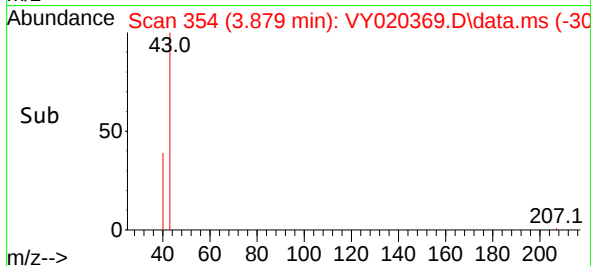
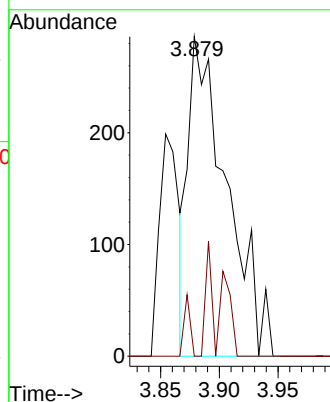
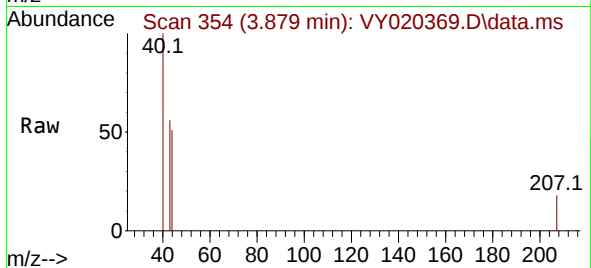
ClientSampleId :

Tgt Ion: 43 Resp: 656

Ion Ratio Lower Upper

43 100

58 0.0 25.7 38.5#



#25

2-Butanone

Concen: 1.529 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY020369.D

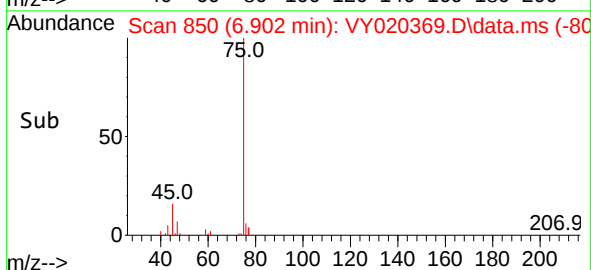
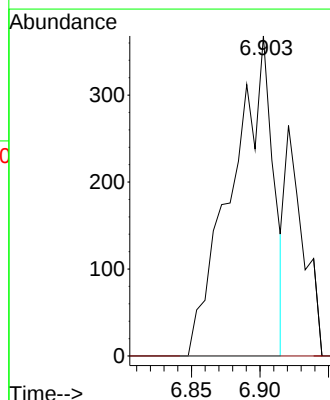
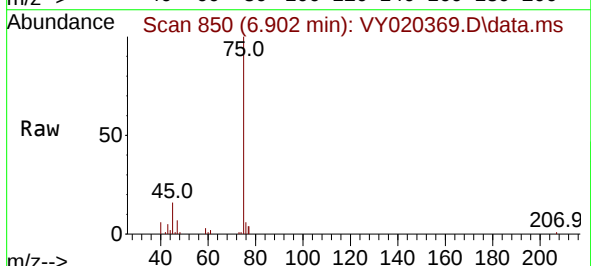
Acq: 20 Nov 2024 18:58

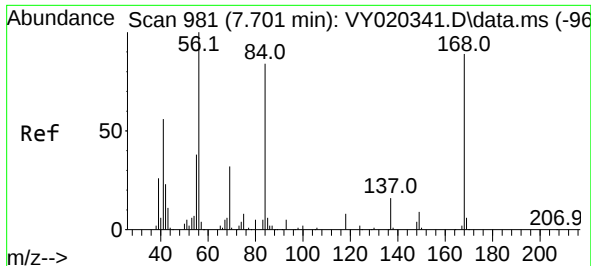
Tgt Ion: 43 Resp: 775

Ion Ratio Lower Upper

43 100

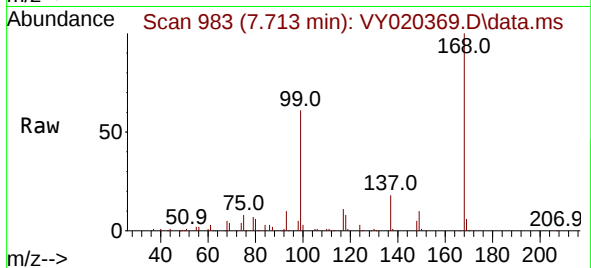
72 0.0 20.4 30.6#



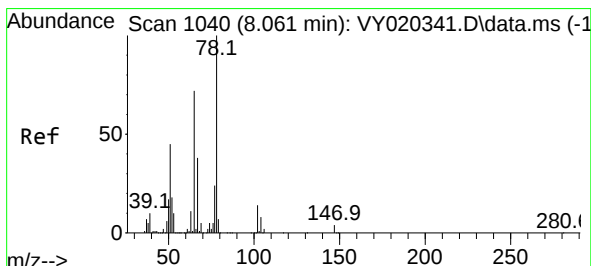
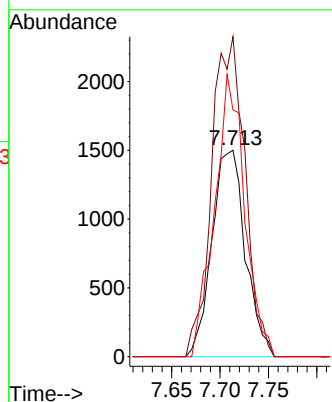
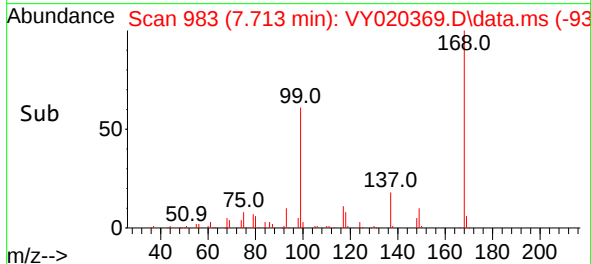


#31
Cyclohexane
Concen: 1.176 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY020369.D
Acq: 20 Nov 2024 18:58

Instrument :
MSVOA_Y
ClientSampleId :

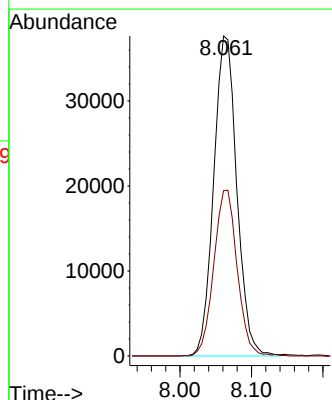
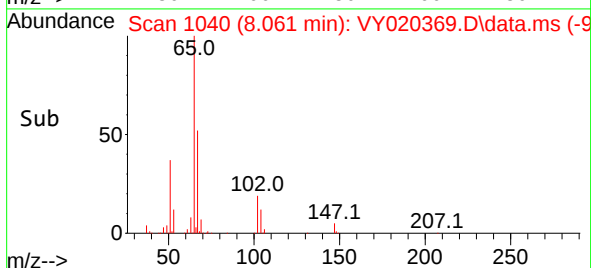
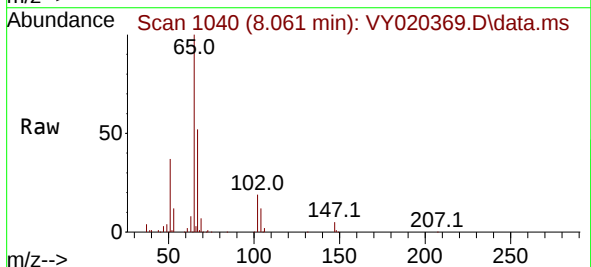


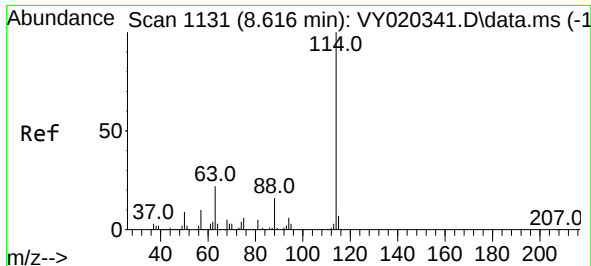
Tgt Ion: 56 Resp: 3600
Ion Ratio Lower Upper
56 100
69 155.1 25.3 37.9#
84 119.6 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.471 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020369.D
Acq: 20 Nov 2024 18:58

Tgt Ion: 65 Resp: 84547
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.8

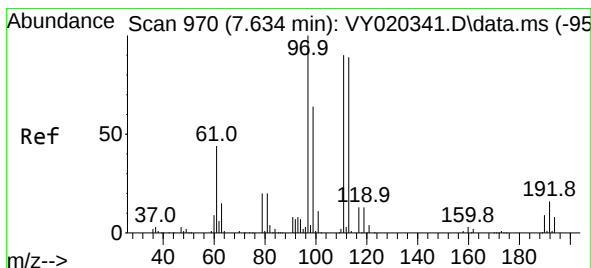
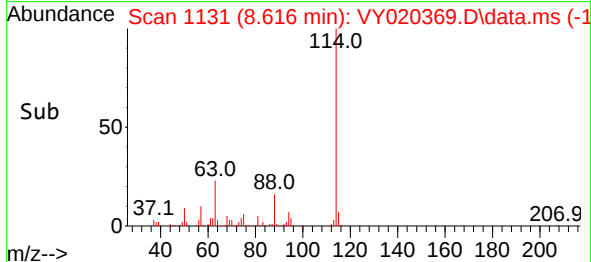
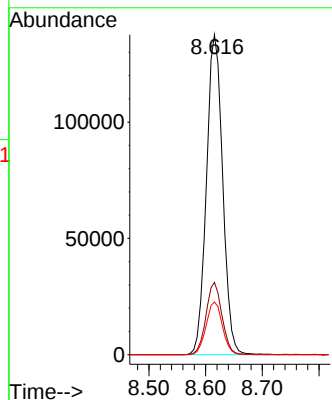
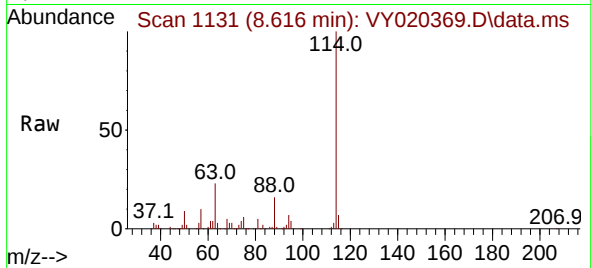




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020369.D
Acq: 20 Nov 2024 18:58

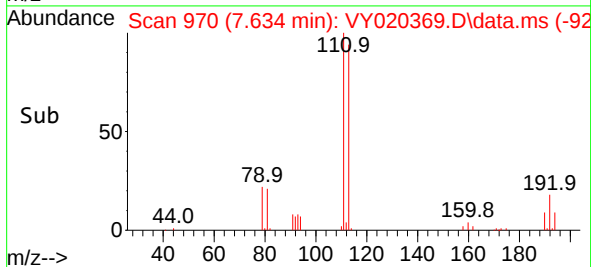
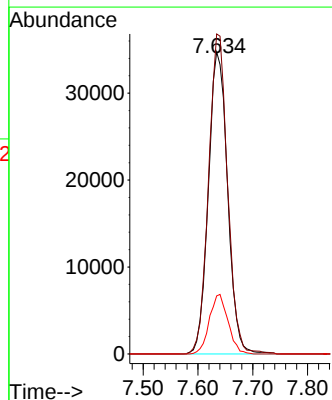
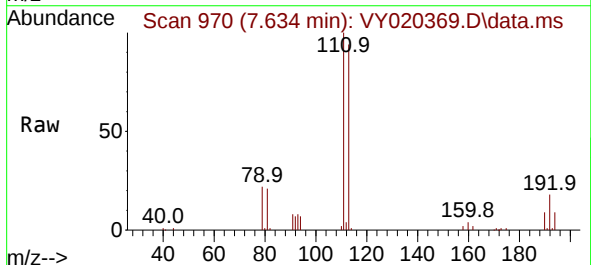
Instrument :
MSVOA_Y
ClientSampleId :

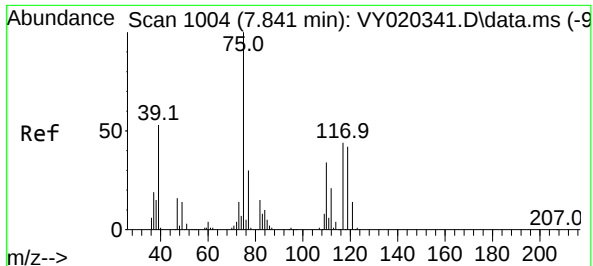
Tgt Ion:114 Resp: 273649
Ion Ratio Lower Upper
114 100
63 22.6 0.0 44.8
88 16.4 0.0 32.0



#35
Dibromofluoromethane
Concen: 48.136 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020369.D
Acq: 20 Nov 2024 18:58

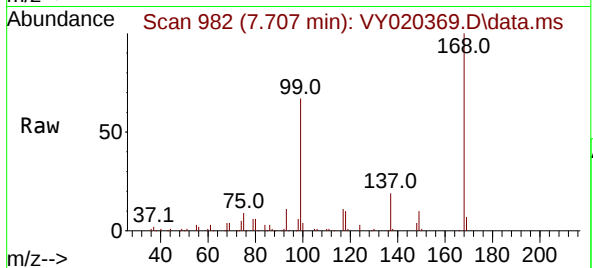
Tgt Ion:113 Resp: 84465
Ion Ratio Lower Upper
113 100
111 104.5 81.4 122.0
192 19.1 15.1 22.7



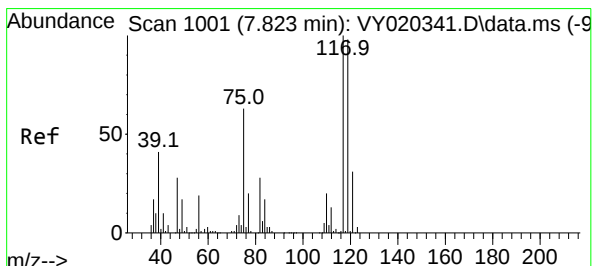
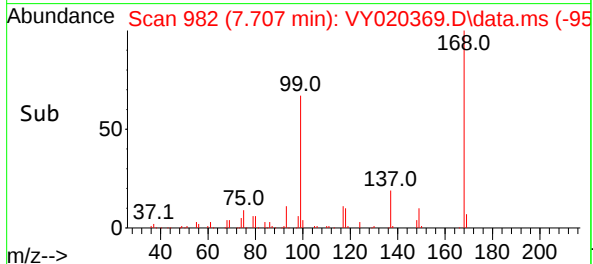
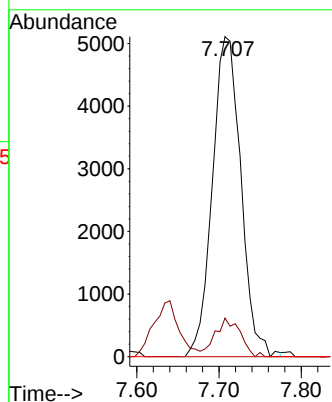


#36
1,1-Dichloropropene
Concen: 4.595 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY020369.D
Acq: 20 Nov 2024 18:58

Instrument :
MSVOA_Y
ClientSampleId :

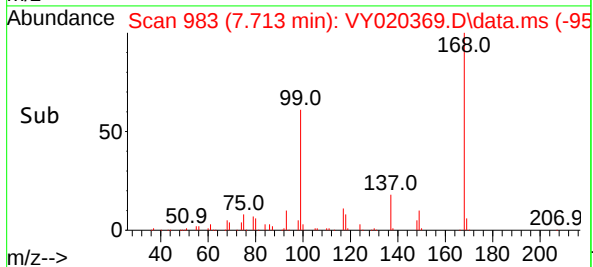
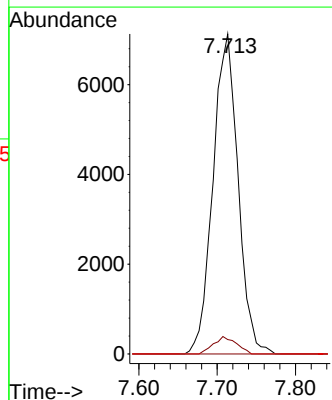
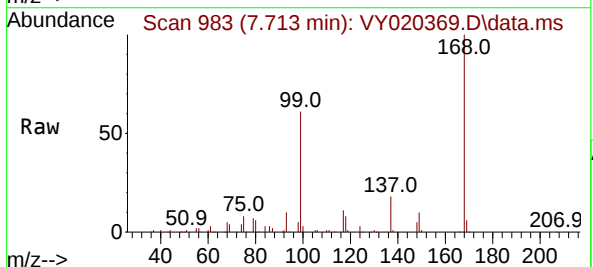


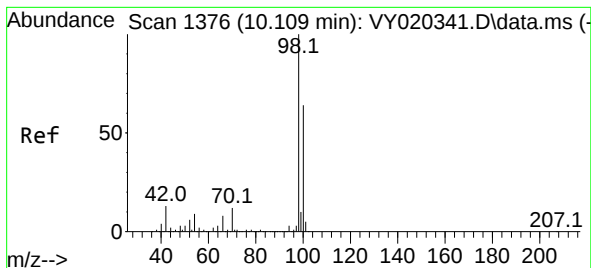
Tgt Ion: 75 Resp: 12314
Ion Ratio Lower Upper
75 100
110 10.6 16.7 50.0#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.658 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY020369.D
Acq: 20 Nov 2024 18:58

Tgt Ion: 117 Resp: 15832
Ion Ratio Lower Upper
117 100
119 4.5 77.8 116.6#
121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 48.059 ug/l

RT: 10.103 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020369.D

Acq: 20 Nov 2024 18:58

Instrument :

MSVOA_Y

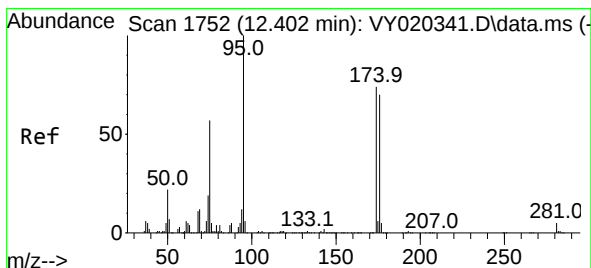
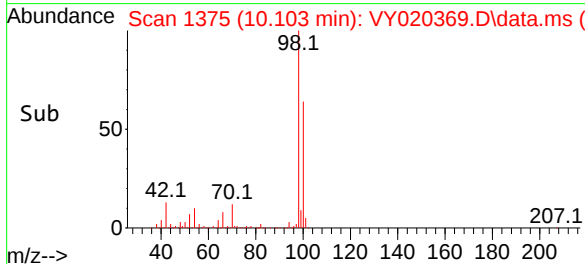
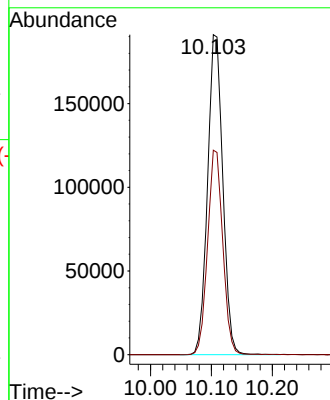
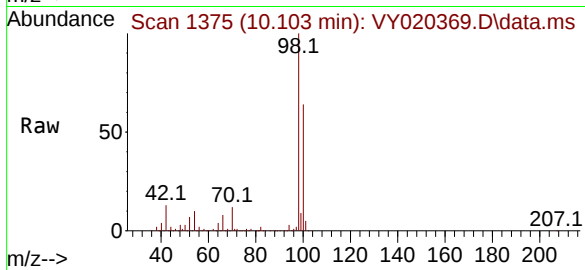
ClientSampleId :

Tgt Ion: 98 Resp: 332194

Ion Ratio Lower Upper

98 100

100 63.6 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 49.963 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.000 min

Lab File: VY020369.D

Acq: 20 Nov 2024 18:58

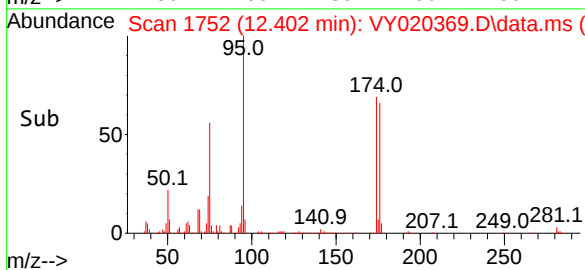
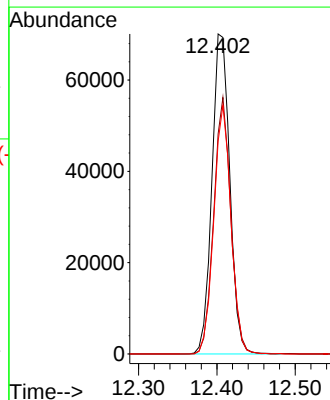
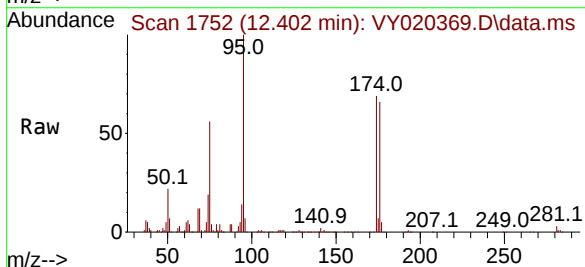
Tgt Ion: 95 Resp: 111020

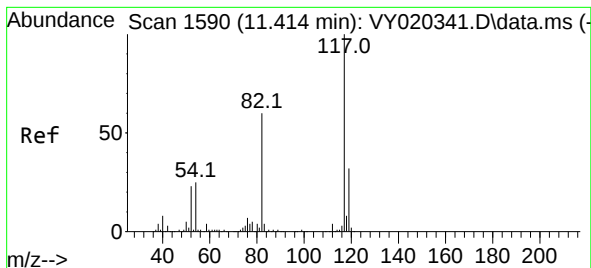
Ion Ratio Lower Upper

95 100

174 76.6 0.0 156.8

176 74.7 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020369.D

Acq: 20 Nov 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

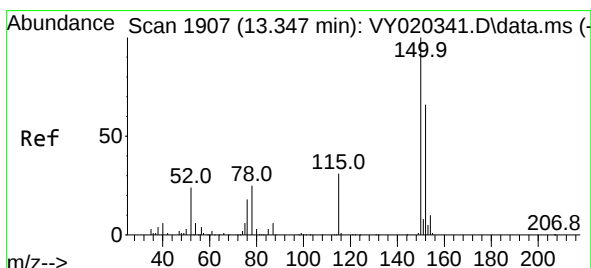
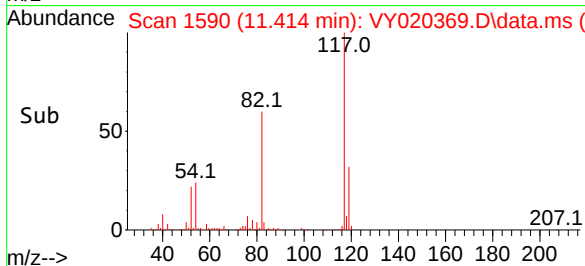
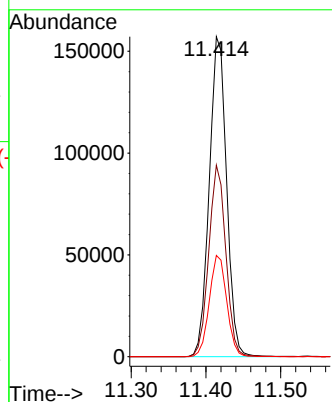
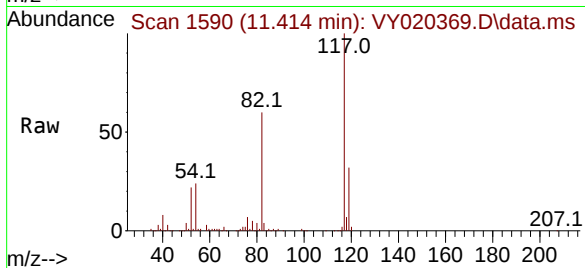
Tgt Ion:117 Resp: 253521

Ion Ratio Lower Upper

117 100

82 59.8 48.2 72.4

119 31.7 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020369.D

Acq: 20 Nov 2024 18:58

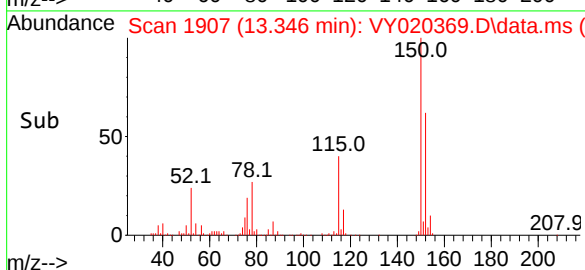
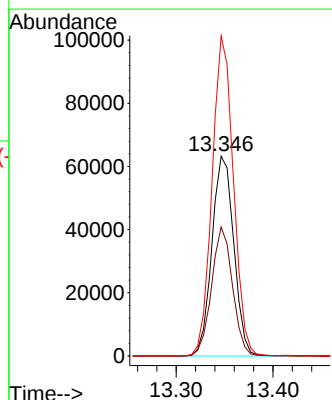
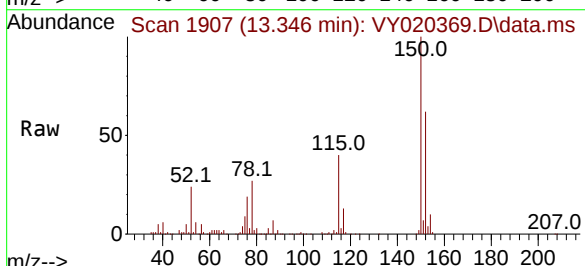
Tgt Ion:152 Resp: 99327

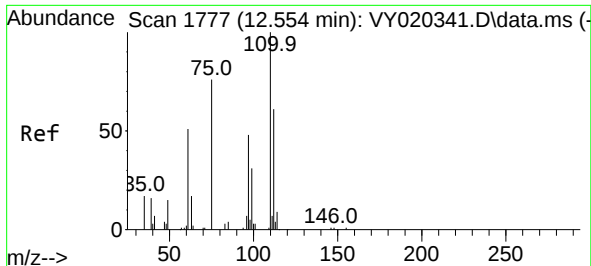
Ion Ratio Lower Upper

152 100

115 61.8 30.0 90.0

150 155.9 0.0 348.2

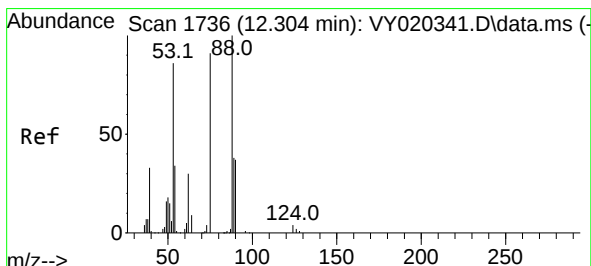
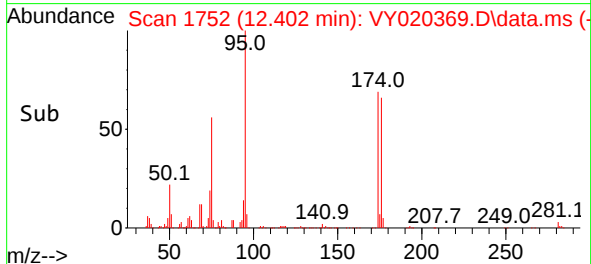
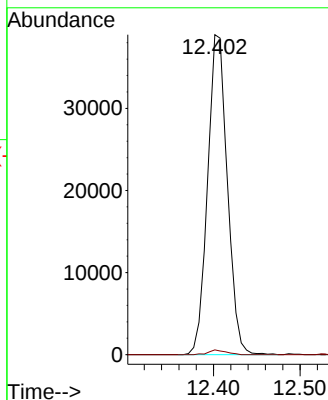
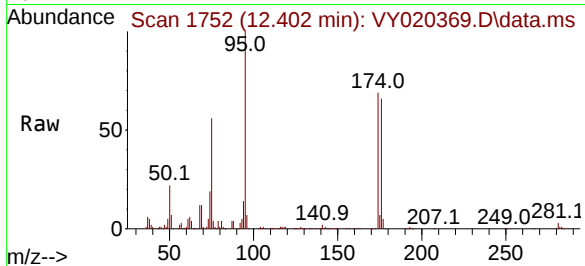




#76
1,2,3-Trichloropropane
Concen: 65.905 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY020369.D
Acq: 20 Nov 2024 18:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 61699
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.137 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY020369.D
Acq: 20 Nov 2024 18:58

Tgt Ion: 75 Resp: 61699
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.2 35.1 52.7#

