

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020386.D
 Acq On : 21 Nov 2024 14:56
 Operator : SY/MD
 Sample : P4870-06
 Misc : 4.22g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 00:25:12 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)

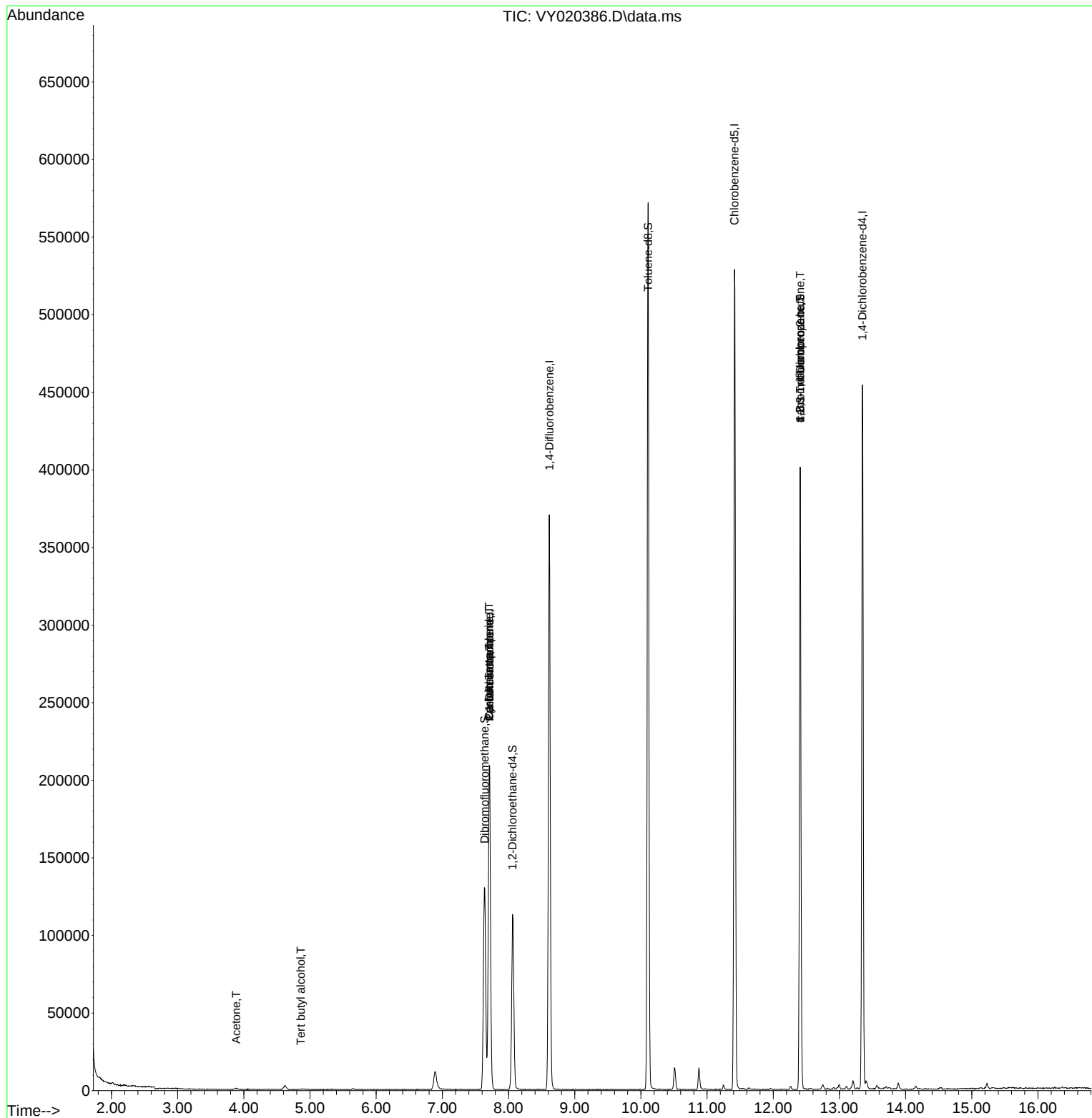
Internal Standards						
1) Pentafluorobenzene	7.713	168	157252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	300321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	276793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	111479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	92086	50.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.940%	
35) Dibromofluoromethane	7.640	113	92798	48.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.380%	
50) Toluene-d8	10.109	98	364552	48.056	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.120%	
62) 4-Bromofluorobenzene	12.408	95	121043	49.636	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 99.280%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.074	50	99	Below Cal	#	41
11) Tert butyl alcohol	4.860	59	263	1.225	ug/l #	73
16) Acetone	3.885	43	1549	3.576	ug/l	95
31) Cyclohexane	7.707	56	3523	1.046	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	13501	4.590	ug/l #	52
38) Carbon Tetrachloride	7.707	117	16783	5.465	ug/l #	14
76) 1,2,3-Trichloropropane	12.408	75	66162	62.968	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	66162	123.383	ug/l #	9

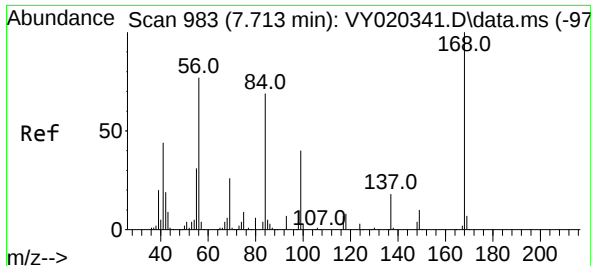
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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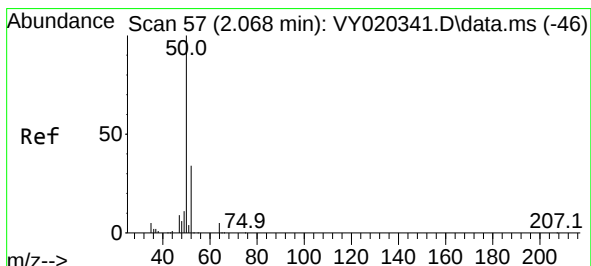
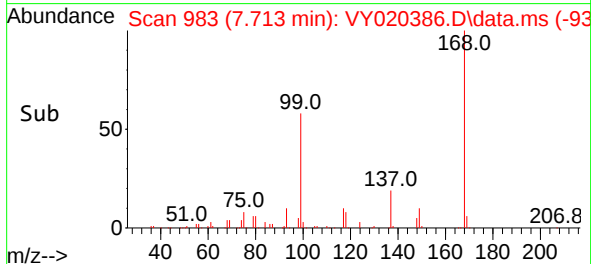
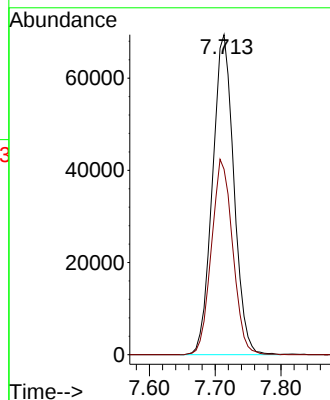
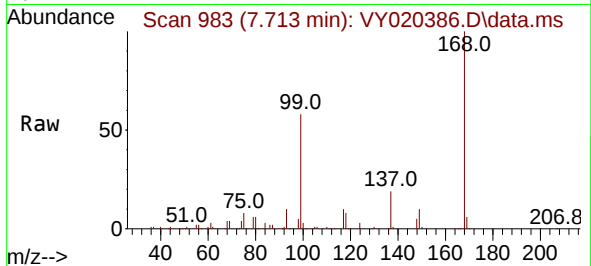




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020386.D
Acq: 21 Nov 2024 14:56

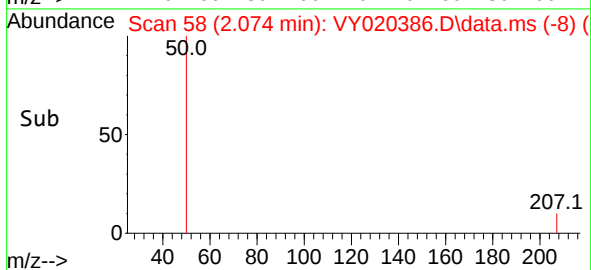
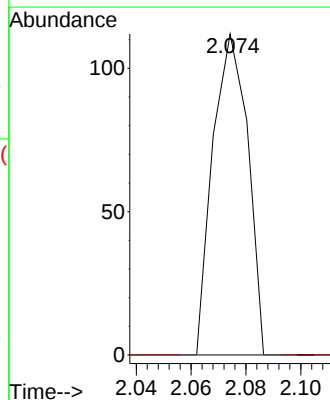
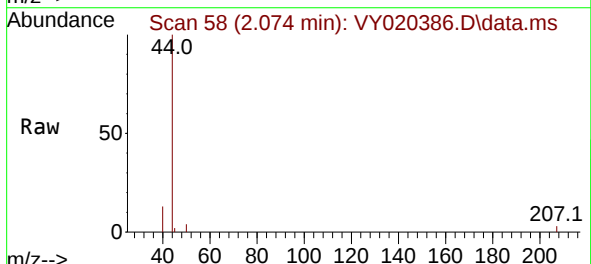
Instrument :
MSVOA_Y
ClientSampleId :

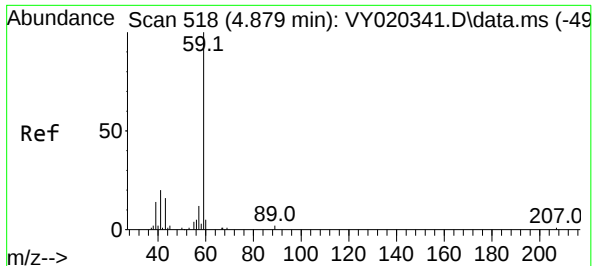
Tgt Ion:168 Resp: 157252
Ion Ratio Lower Upper
168 100
99 57.9 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY020386.D
Acq: 21 Nov 2024 14:56

Tgt Ion: 50 Resp: 99
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#





#11

Tert butyl alcohol

Concen: 1.225 ug/l

RT: 4.860 min Scan# 518

Delta R.T. -0.018 min

Lab File: VY020386.D

Acq: 21 Nov 2024 14:56

Instrument :

MSVOA_Y

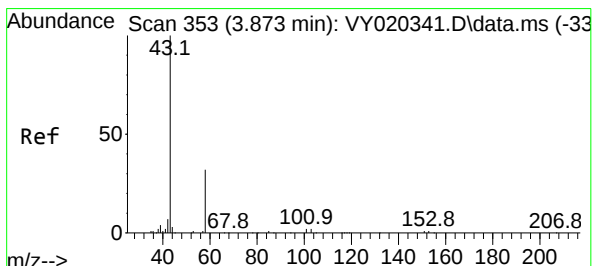
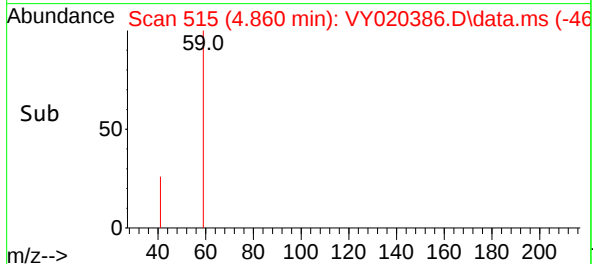
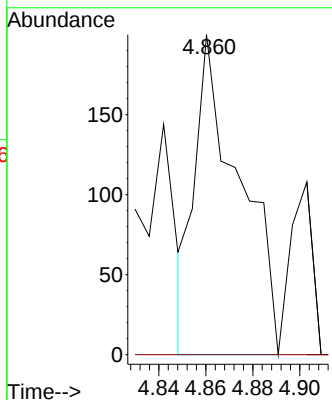
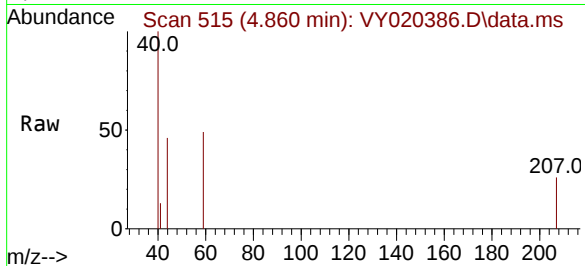
ClientSampleId :

Tgt Ion: 59 Resp: 263

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 3.576 ug/l

RT: 3.885 min Scan# 355

Delta R.T. 0.012 min

Lab File: VY020386.D

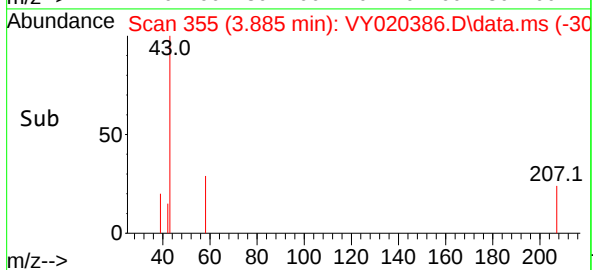
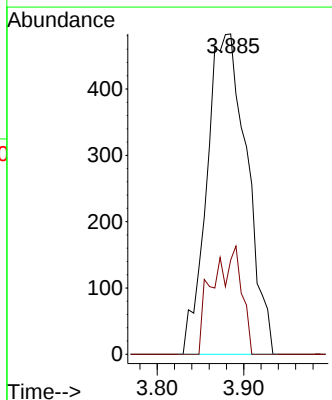
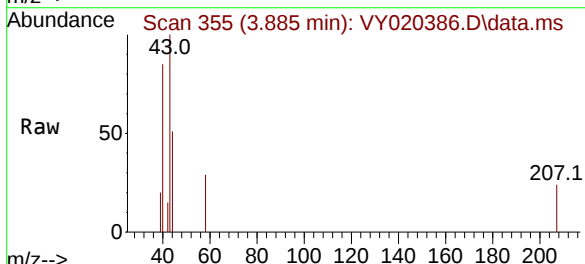
Acq: 21 Nov 2024 14:56

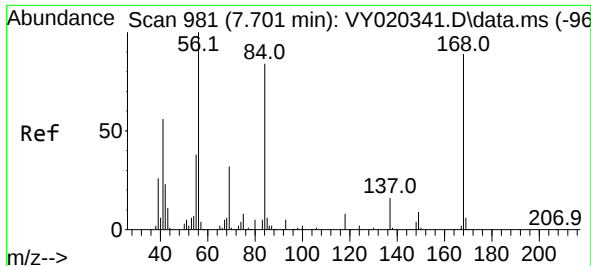
Tgt Ion: 43 Resp: 1549

Ion Ratio Lower Upper

43 100

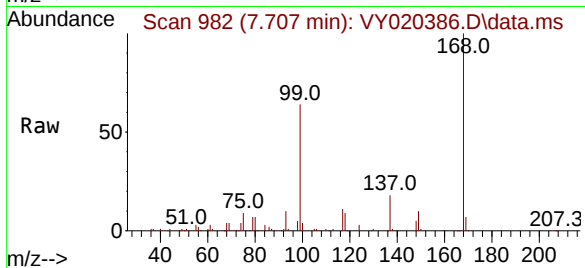
58 29.4 25.7 38.5



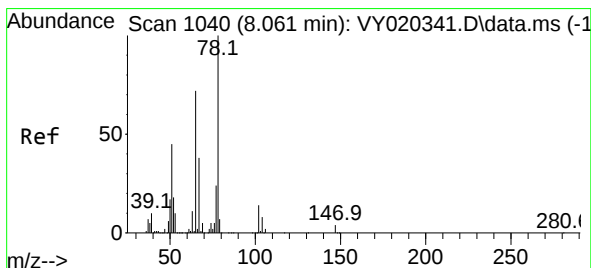
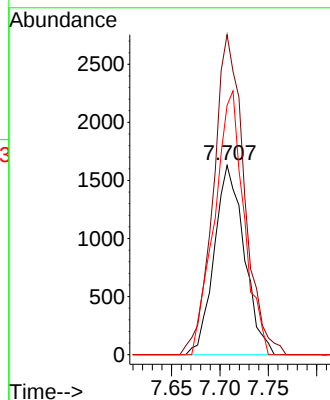
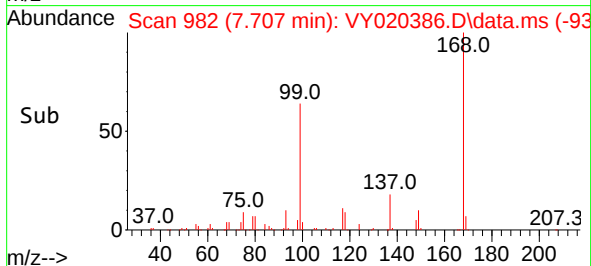


#31
Cyclohexane
Concen: 1.046 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020386.D
Acq: 21 Nov 2024 14:56

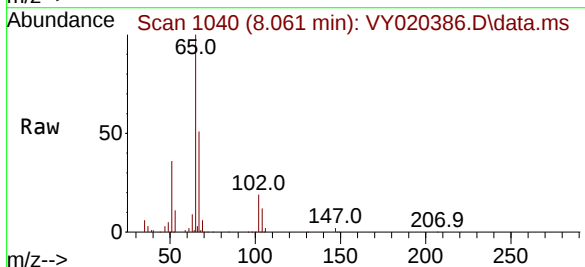
Instrument :
MSVOA_Y
ClientSampleId :



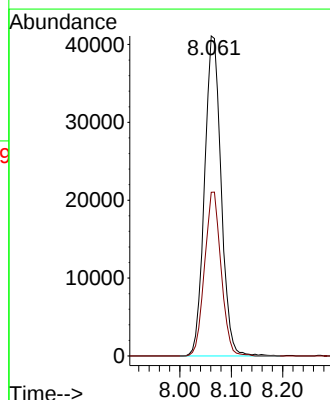
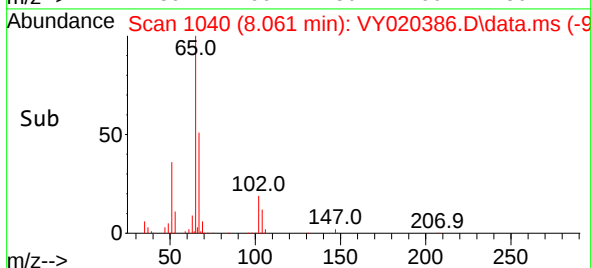
Tgt Ion: 56 Resp: 3523
Ion Ratio Lower Upper
56 100
69 169.0 25.3 37.9#
84 131.7 66.9 100.3#

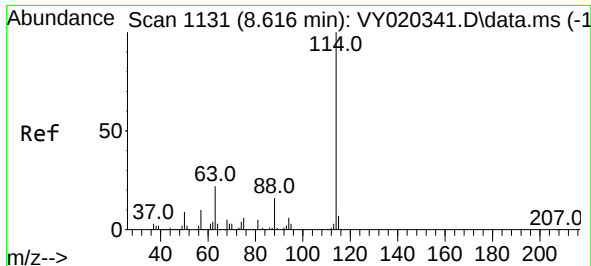


#33
1,2-Dichloroethane-d4
Concen: 50.971 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020386.D
Acq: 21 Nov 2024 14:56



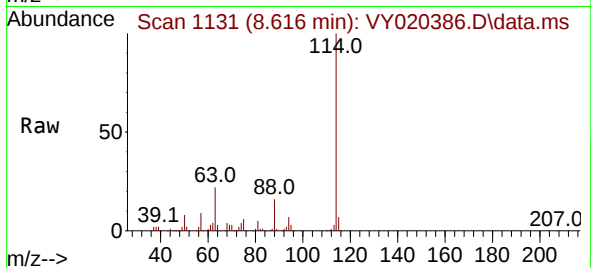
Tgt Ion: 65 Resp: 92086
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.8



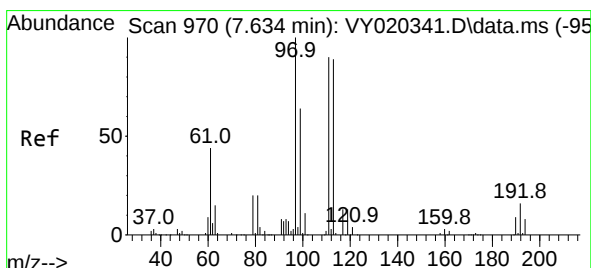
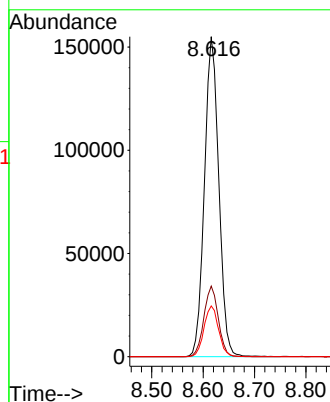
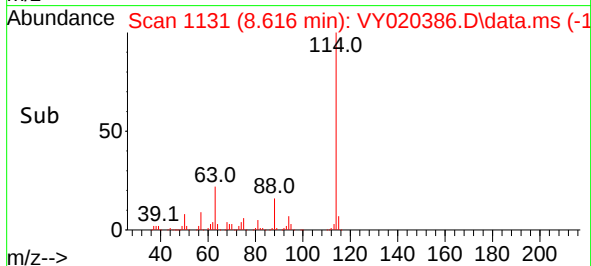


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020386.D
Acq: 21 Nov 2024 14:56

Instrument :
MSVOA_Y
ClientSampleId :

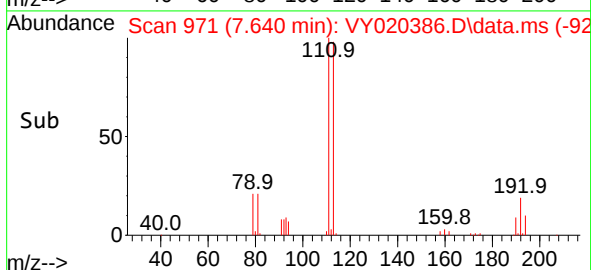
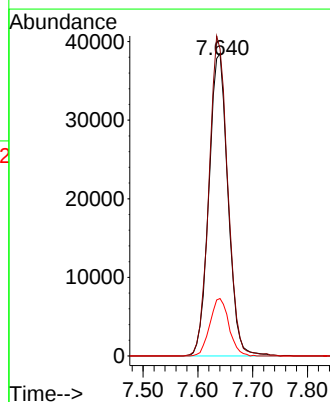
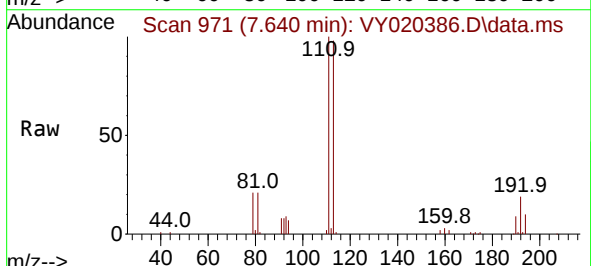


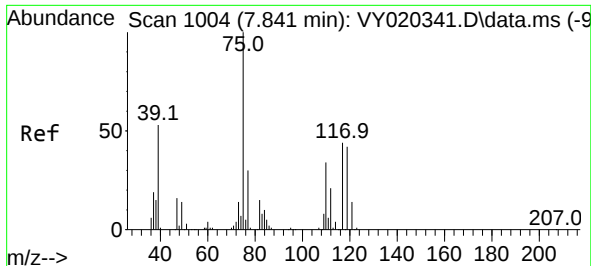
Tgt Ion:114 Resp: 300321
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.8
88 15.8 0.0 32.0



#35
Dibromofluoromethane
Concen: 48.188 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020386.D
Acq: 21 Nov 2024 14:56

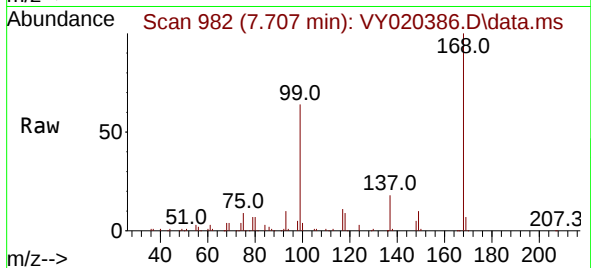
Tgt Ion:113 Resp: 92798
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.0
192 18.9 15.1 22.7



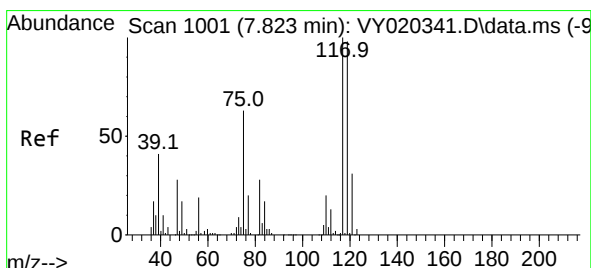
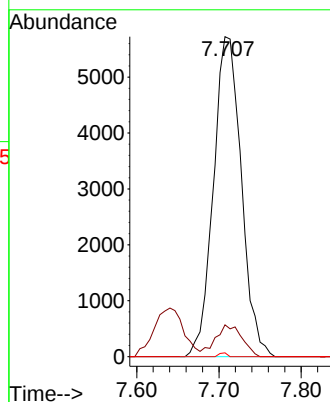
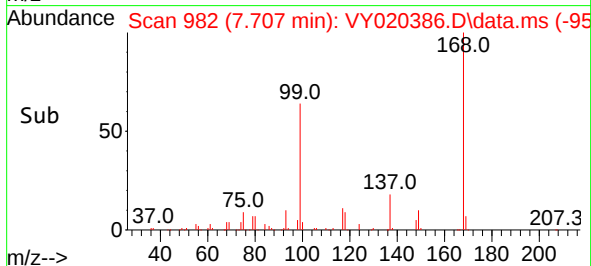


#36
1,1-Dichloropropene
Concen: 4.590 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY020386.D
Acq: 21 Nov 2024 14:56

Instrument :
MSVOA_Y
ClientSampleId :

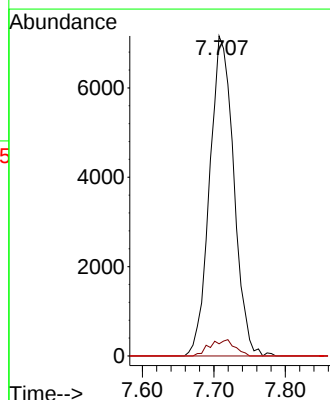
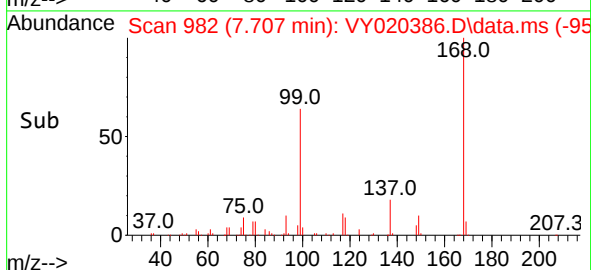
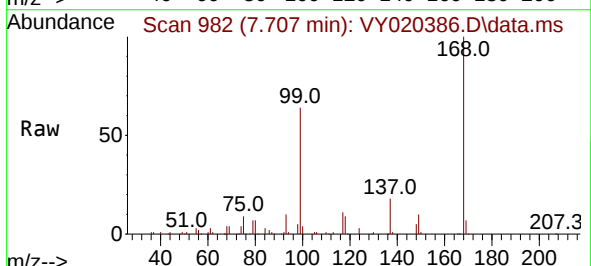


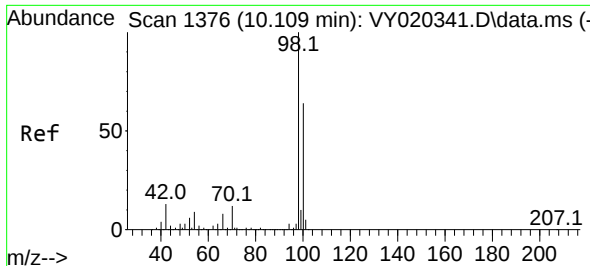
Tgt Ion: 75 Resp: 13501
Ion Ratio Lower Upper
75 100
110 9.5 16.7 50.0#
77 0.3 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.465 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY020386.D
Acq: 21 Nov 2024 14:56

Tgt Ion: 117 Resp: 16783
Ion Ratio Lower Upper
117 100
119 3.8 77.8 116.6#
121 0.0 24.6 37.0#

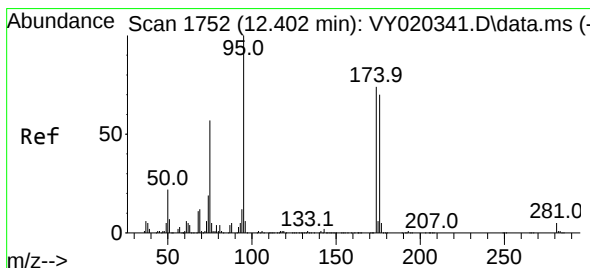
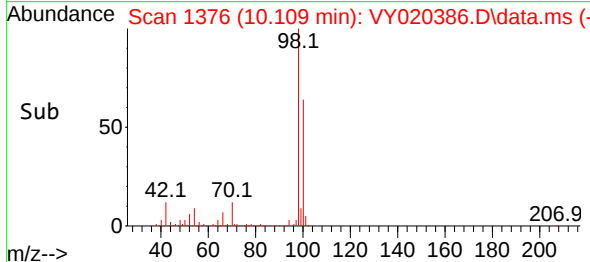
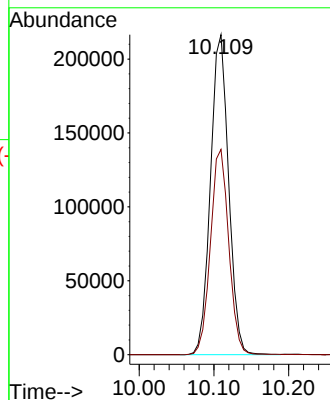
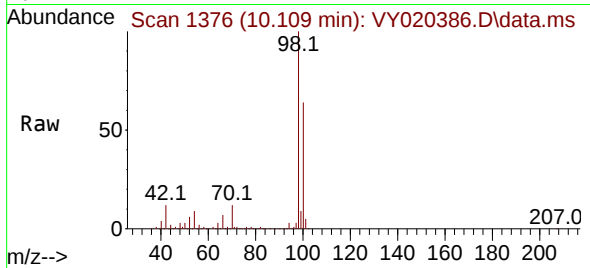




#50
Toluene-d8
Concen: 48.056 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020386.D
Acq: 21 Nov 2024 14:56

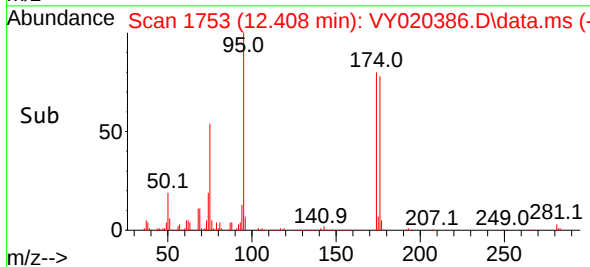
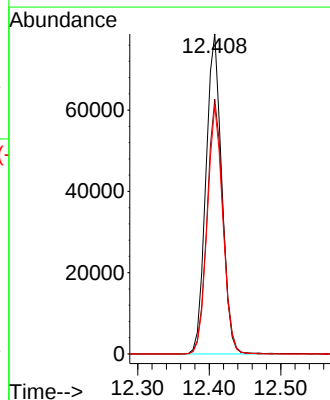
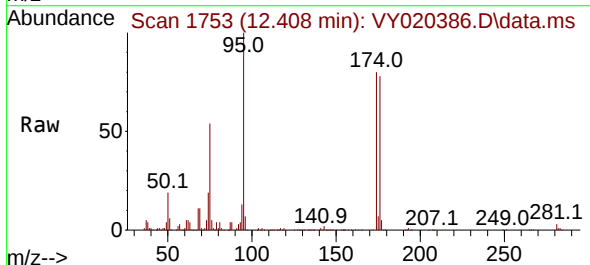
Instrument :
MSVOA_Y
ClientSampleId :

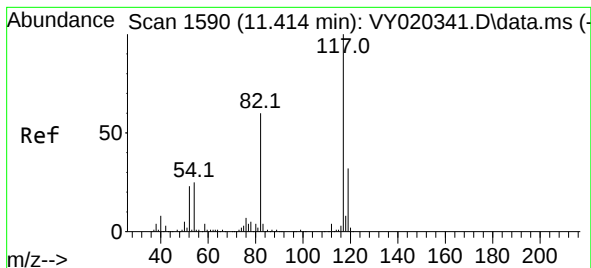
Tgt Ion: 98 Resp: 364552
Ion Ratio Lower Upper
98 100
100 64.7 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 49.636 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020386.D
Acq: 21 Nov 2024 14:56

Tgt Ion: 95 Resp: 121043
Ion Ratio Lower Upper
95 100
174 80.2 0.0 156.8
176 76.3 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: VY020386.D

Acq: 21 Nov 2024 14:56

Instrument :

MSVOA_Y

ClientSampleId :

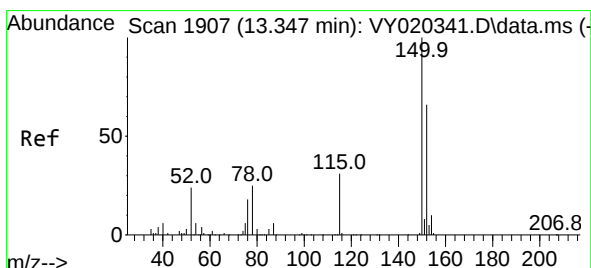
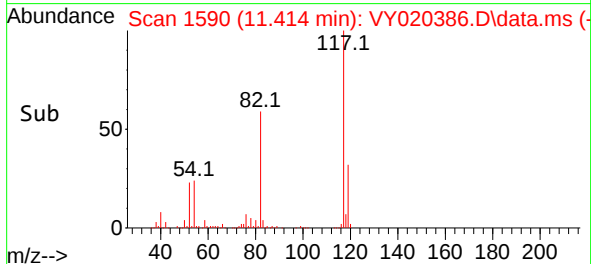
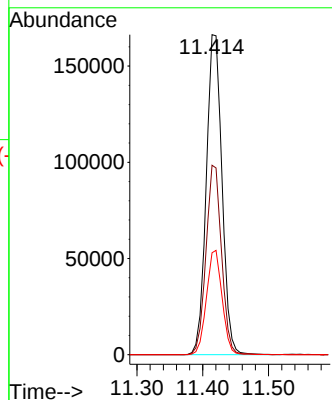
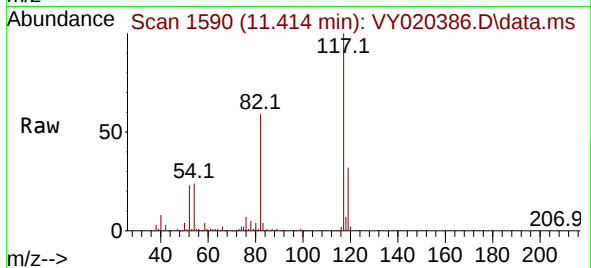
Tgt Ion:117 Resp: 276793

Ion Ratio Lower Upper

117 100

82 59.2 48.2 72.4

119 31.9 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020386.D

Acq: 21 Nov 2024 14:56

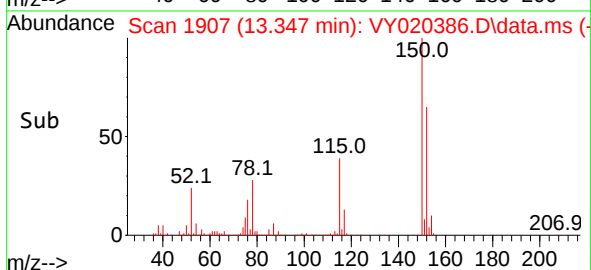
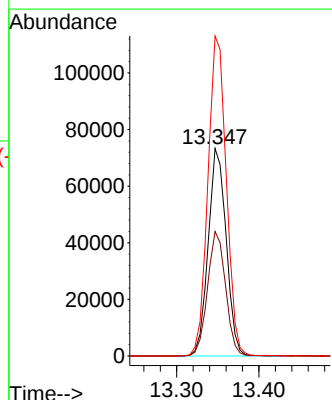
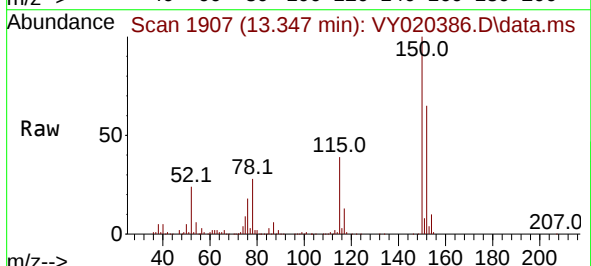
Tgt Ion:152 Resp: 111479

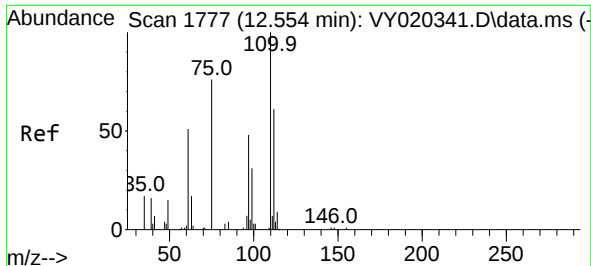
Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.0

150 157.3 0.0 348.2

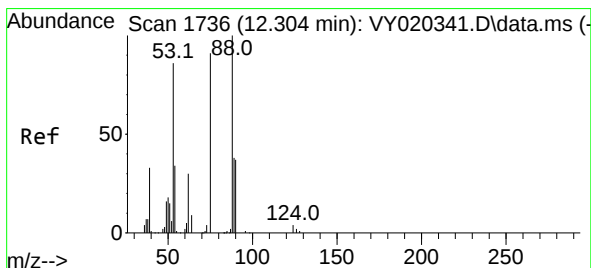
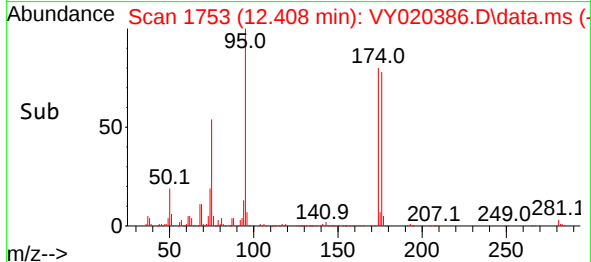
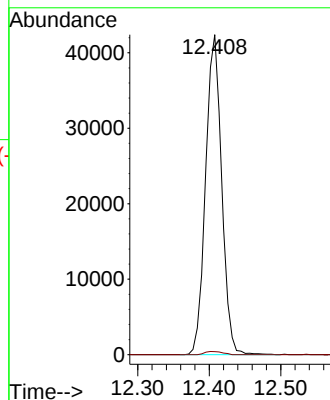
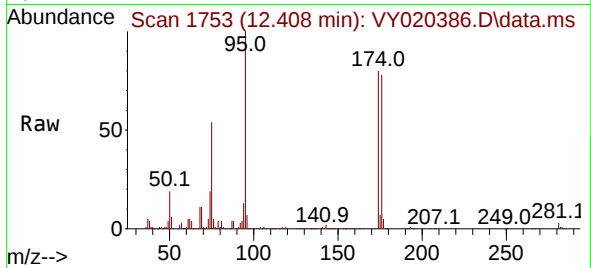




#76
1,2,3-Trichloropropane
Concen: 62.968 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020386.D
Acq: 21 Nov 2024 14:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 66162
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.383 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020386.D
Acq: 21 Nov 2024 14:56

Tgt Ion: 75 Resp: 66162
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#

