

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020384.D
 Acq On : 21 Nov 2024 14:09
 Operator : SY/MD
 Sample : P4910-03
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 00:24:26 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	155757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	296908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	282341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	115932	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	95312	53.263	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.520%	
35) Dibromofluoromethane	7.640	113	94349	49.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.120%	
50) Toluene-d8	10.109	98	360396	48.055	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.100%	
62) 4-Bromofluorobenzene	12.408	95	124807	51.768	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 103.540%	

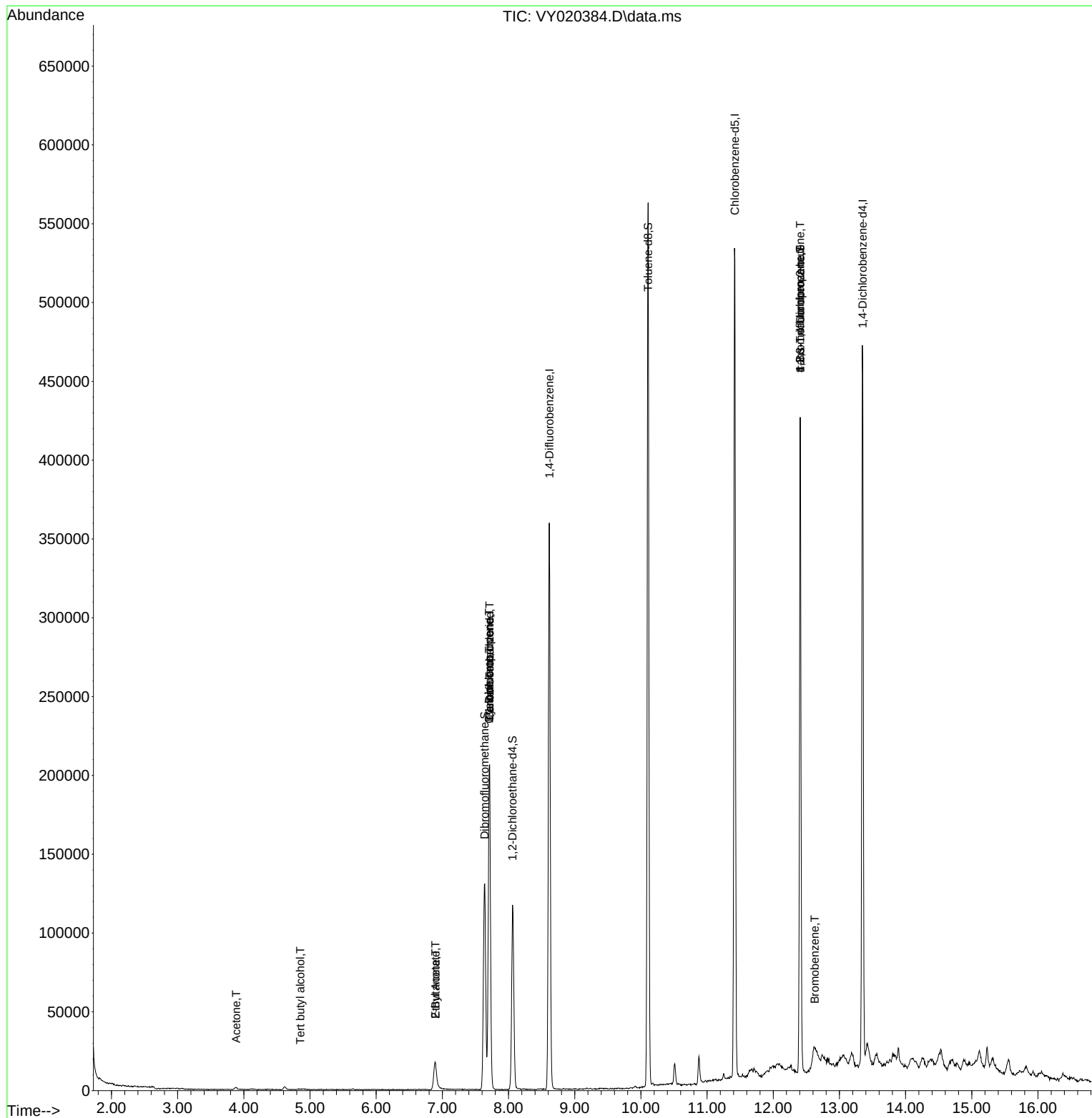
Target Compounds			Qvalue			
3) Chloromethane	2.080	50	63	Below Cal	#	41
11) Tert butyl alcohol	4.854	59	337	1.758	ug/l #	73
16) Acetone	3.885	43	2593	6.044	ug/l #	86
25) 2-Butanone	6.896	43	1655	2.997	ug/l #	76
31) Cyclohexane	7.707	56	3507	1.051	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	12916	4.442	ug/l #	52
37) Ethyl Acetate	6.896	43	1655	1.242	ug/l #	21
38) Carbon Tetrachloride	7.713	117	17097	5.631	ug/l #	14
76) 1,2,3-Trichloropropane	12.408	75	69870	63.943	ug/l #	100
77) Bromobenzene	12.627	156	17790	8.646	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.408	75	69870	125.293	ug/l #	9

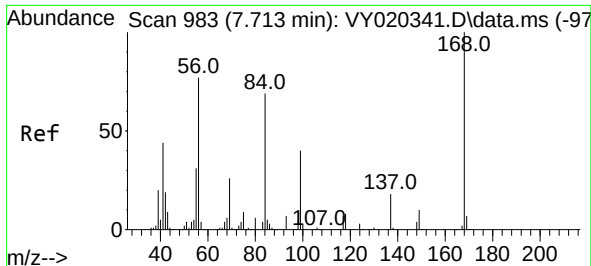
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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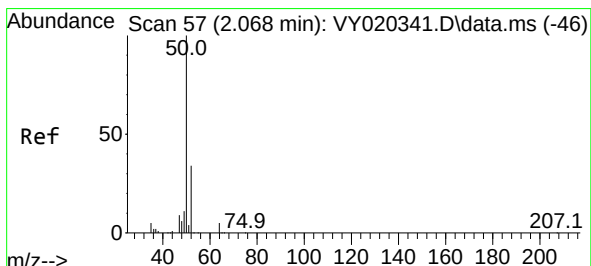
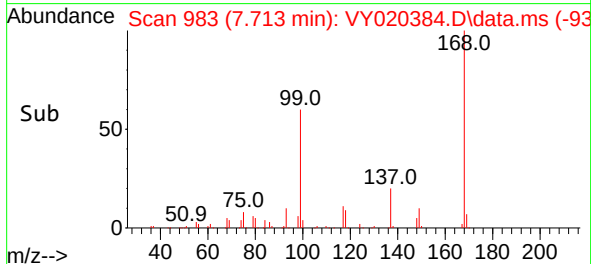
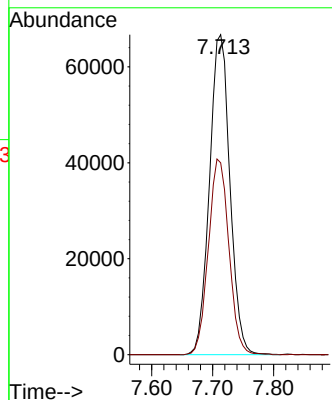
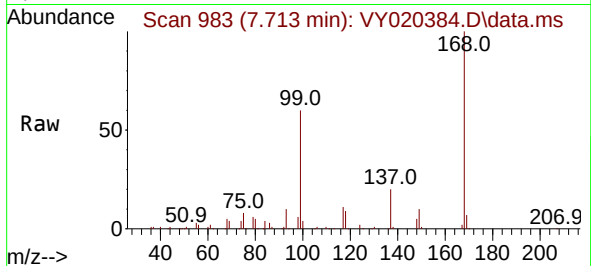




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020384.D
Acq: 21 Nov 2024 14:09

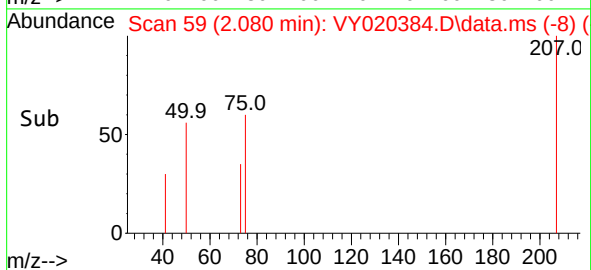
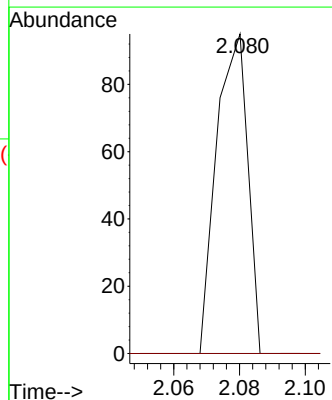
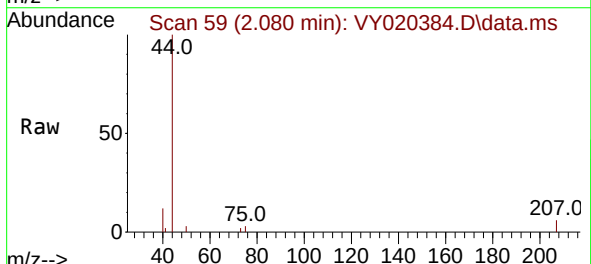
Instrument :
MSVOA_Y
ClientSampleId :

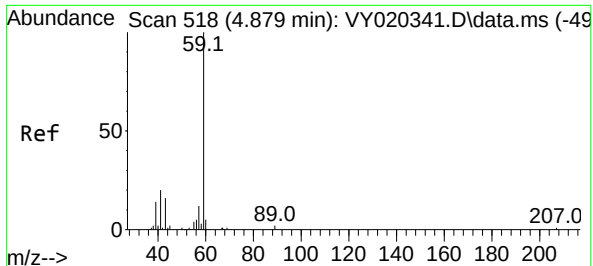
Tgt Ion:168 Resp: 155757
Ion Ratio Lower Upper
168 100
99 60.0 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.080 min Scan# 59
Delta R.T. 0.012 min
Lab File: VY020384.D
Acq: 21 Nov 2024 14:09

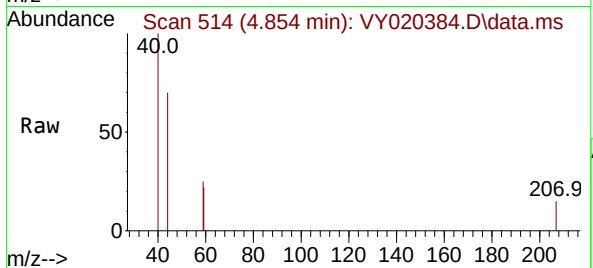
Tgt Ion: 50 Resp: 63
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



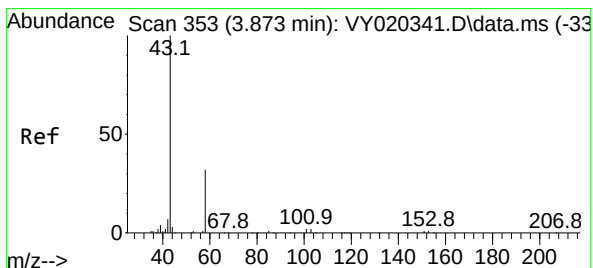
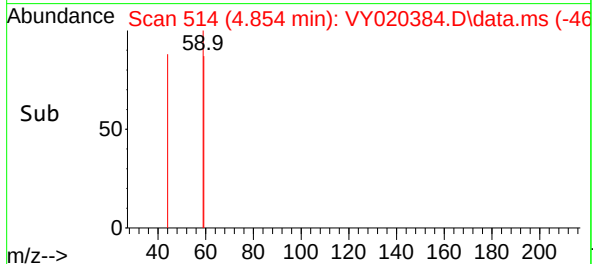
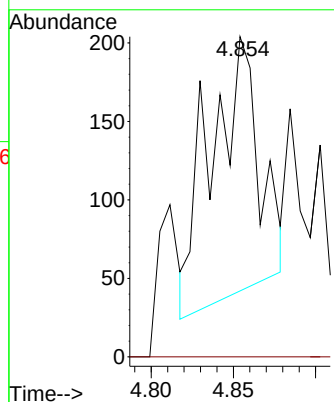


#11
Tert butyl alcohol
Concen: 1.758 ug/l
RT: 4.854 min Scan# 518
Delta R.T. -0.025 min
Lab File: VY020384.D
Acq: 21 Nov 2024 14:09

Instrument :
MSVOA_Y
ClientSampleId :

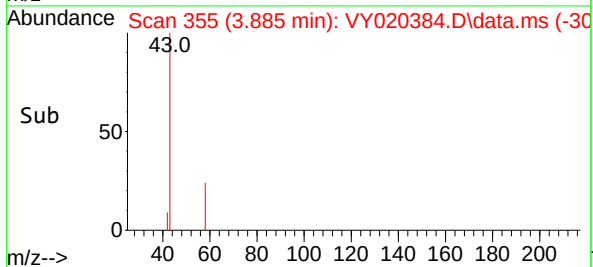
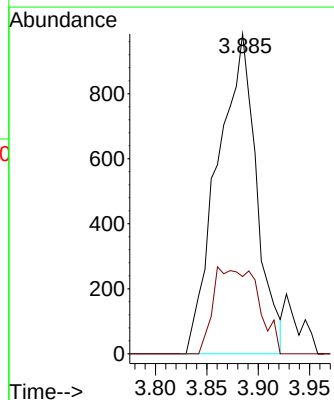
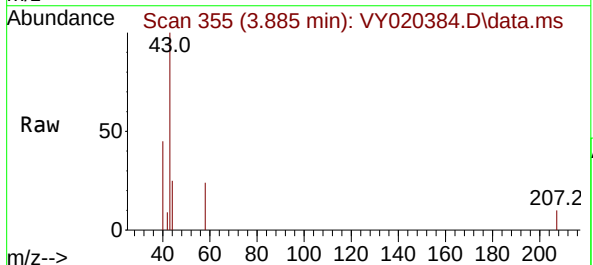


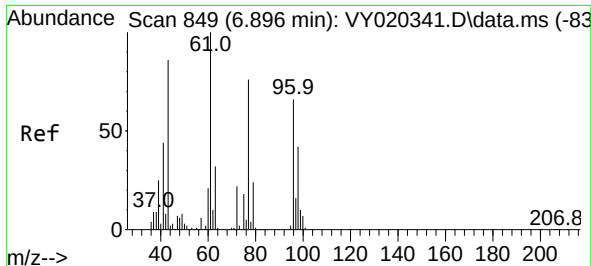
Tgt Ion: 59 Resp: 337
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 6.044 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY020384.D
Acq: 21 Nov 2024 14:09

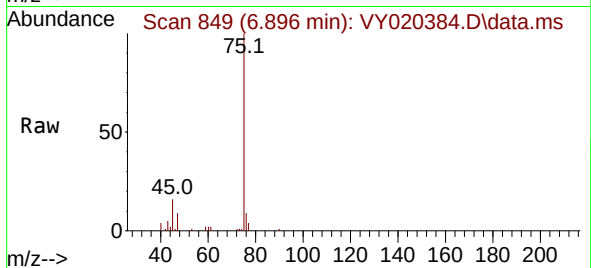
Tgt Ion: 43 Resp: 2593
Ion Ratio Lower Upper
43 100
58 24.2 25.7 38.5#



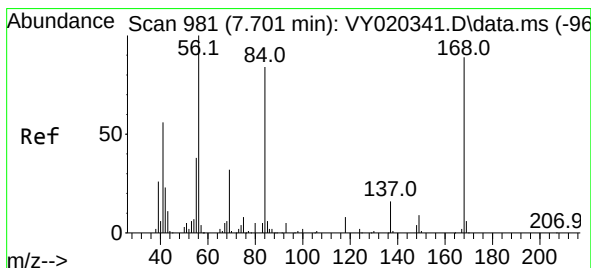
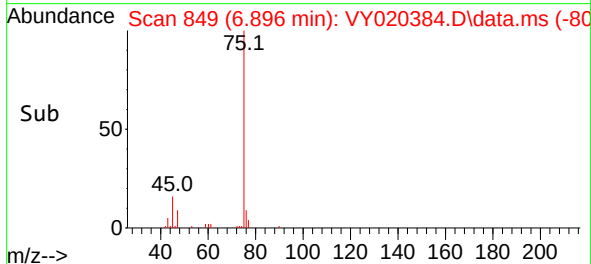
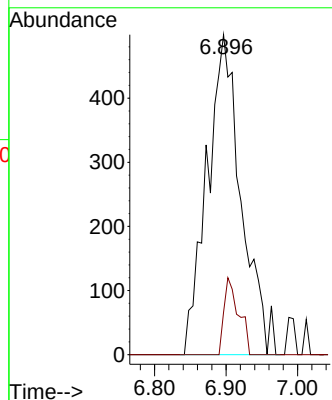


#25
2-Butanone
Concen: 2.997 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY020384.D
Acq: 21 Nov 2024 14:09

Instrument :
MSVOA_Y
ClientSampleId :

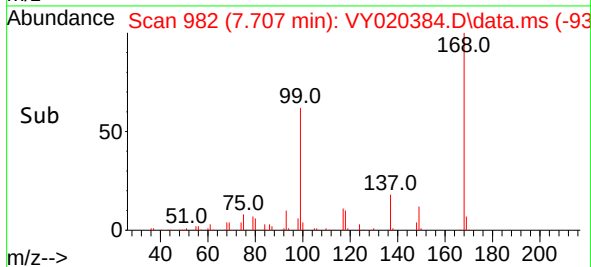
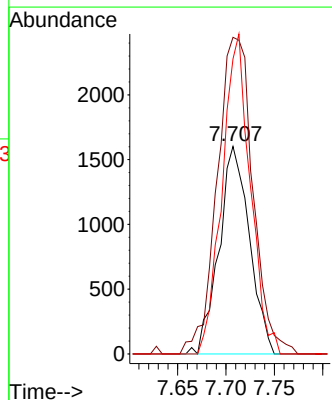
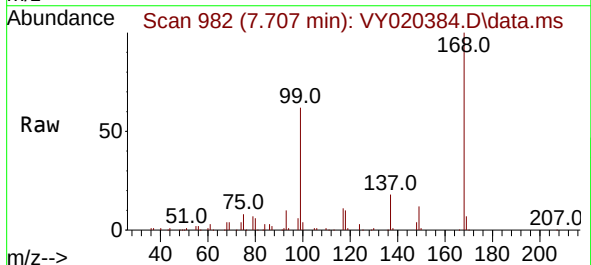


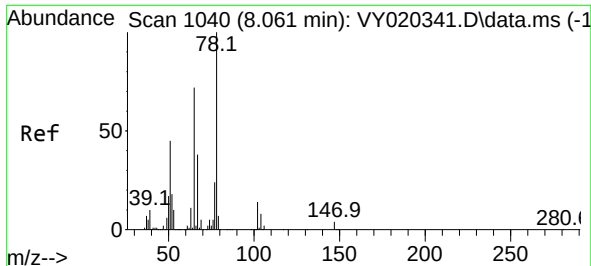
Tgt Ion: 43 Resp: 1655
Ion Ratio Lower Upper
43 100
72 13.2 20.4 30.6#



#31
Cyclohexane
Concen: 1.051 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020384.D
Acq: 21 Nov 2024 14:09

Tgt Ion: 56 Resp: 3507
Ion Ratio Lower Upper
56 100
69 152.6 25.3 37.9#
84 142.2 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 53.263 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY020384.D

Acq: 21 Nov 2024 14:09

Instrument :

MSVOA_Y

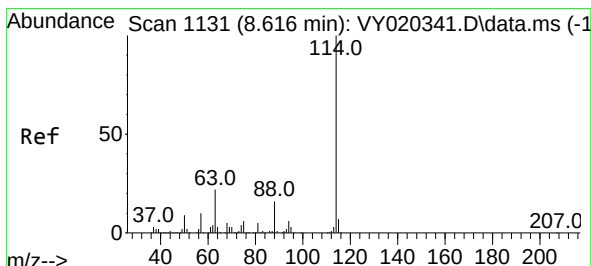
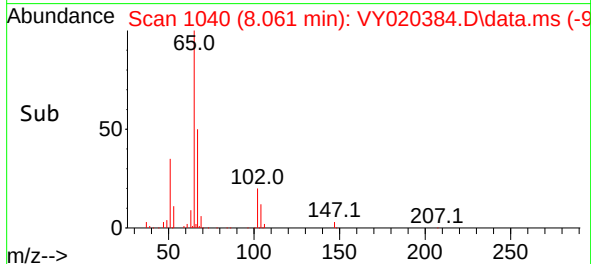
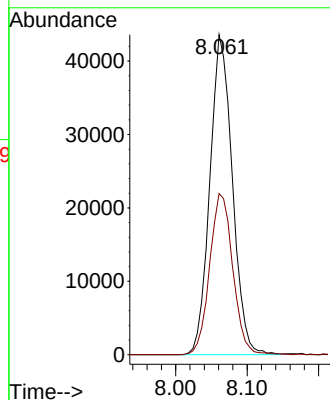
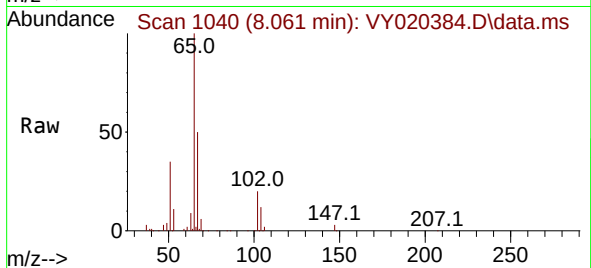
ClientSampleId :

Tgt Ion: 65 Resp: 95312

Ion Ratio Lower Upper

65 100

67 51.8 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: VY020384.D

Acq: 21 Nov 2024 14:09

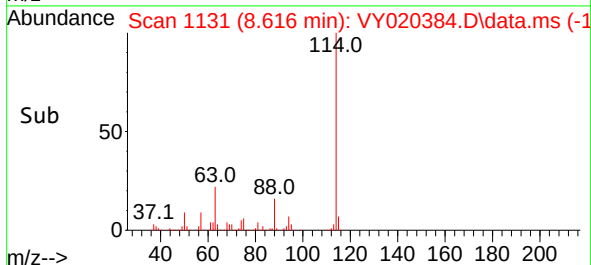
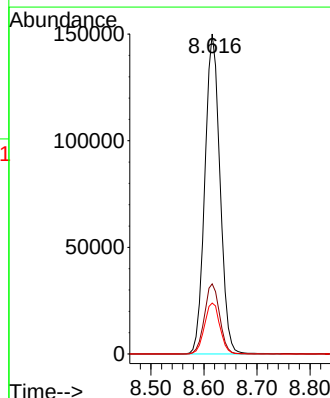
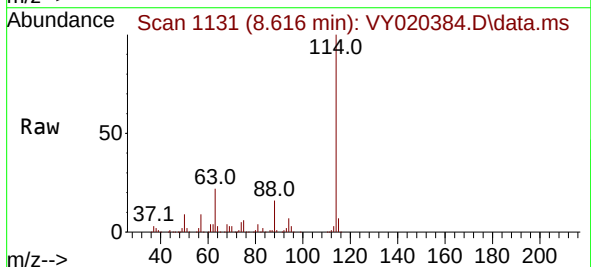
Tgt Ion: 114 Resp: 296908

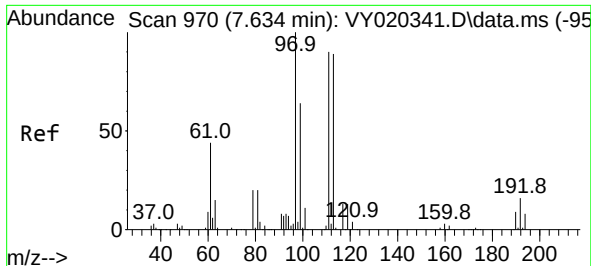
Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.8

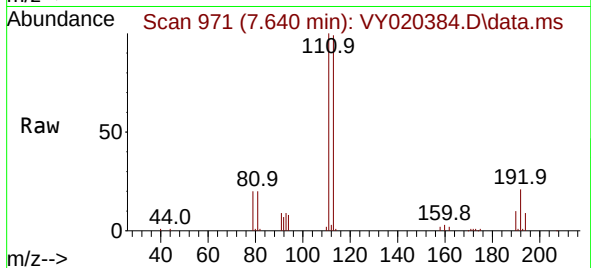
88 15.9 0.0 32.0



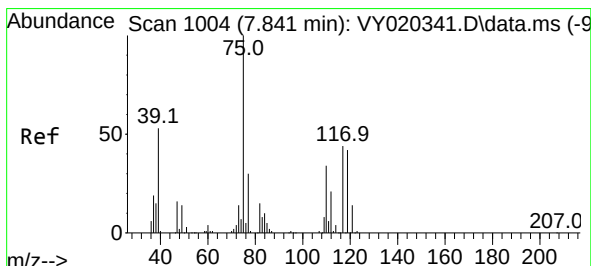
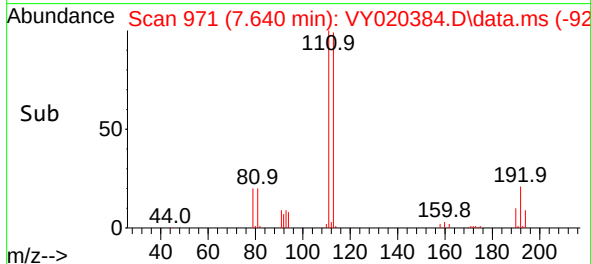
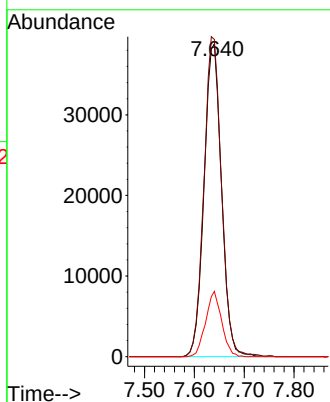


#35
Dibromofluoromethane
Concen: 49.557 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020384.D
Acq: 21 Nov 2024 14:09

Instrument :
MSVOA_Y
ClientSampleId :

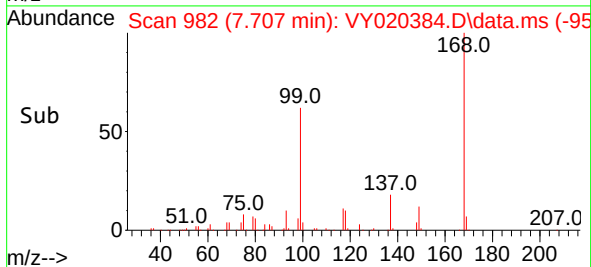
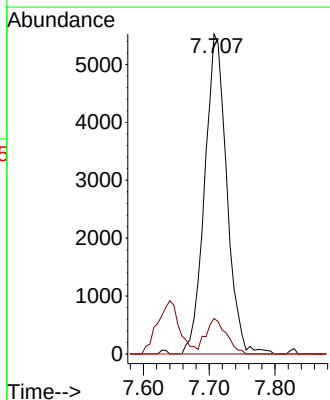
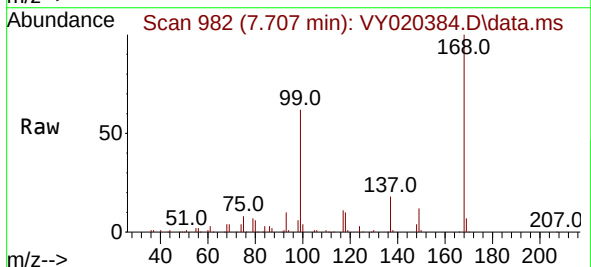


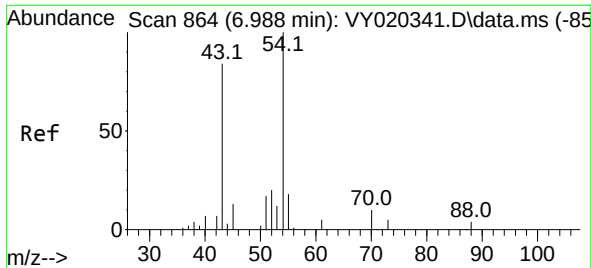
Tgt Ion:113 Resp: 94349
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 19.2 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.442 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY020384.D
Acq: 21 Nov 2024 14:09

Tgt Ion: 75 Resp: 12916
Ion Ratio Lower Upper
75 100
110 10.1 16.7 50.0#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 1.242 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.092 min

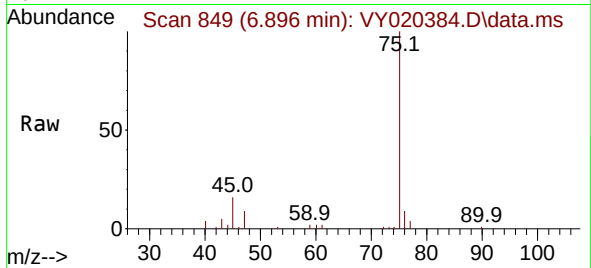
Lab File: VY020384.D

Acq: 21 Nov 2024 14:09

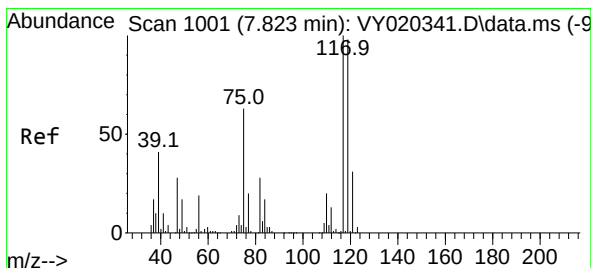
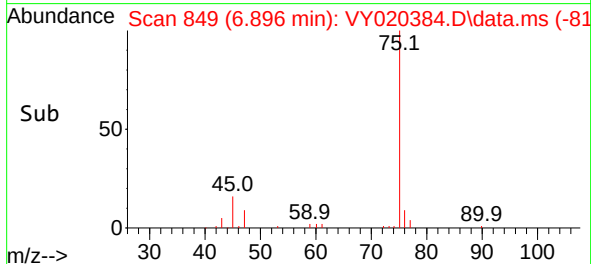
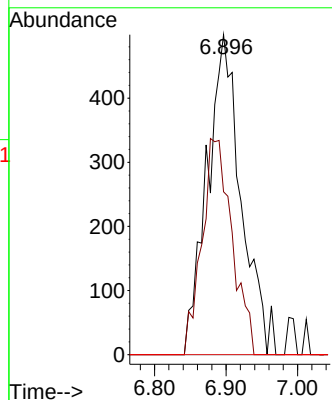
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	1655
Ion	Ratio	Lower	Upper
43	100		
61	59.6	10.7	16.1#
70	0.0	7.3	10.9#



#38

Carbon Tetrachloride

Concen: 5.631 ug/l

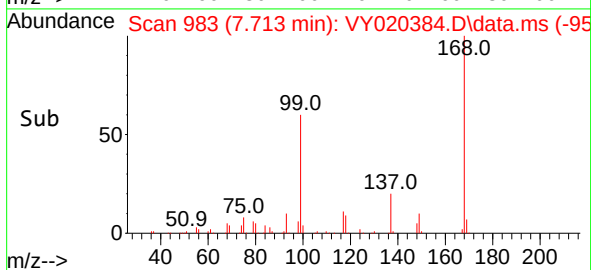
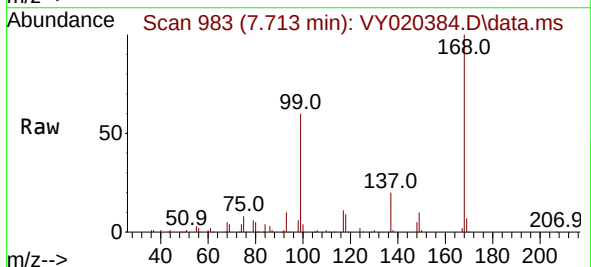
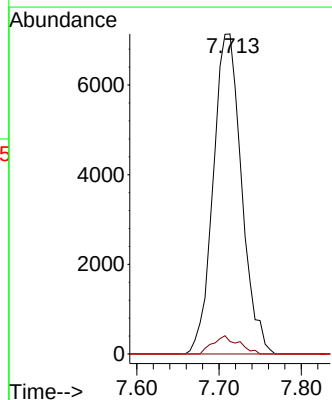
RT: 7.713 min Scan# 983

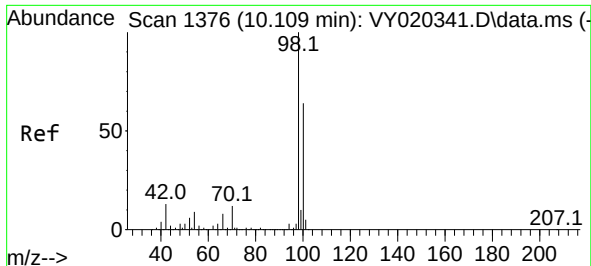
Delta R.T. -0.110 min

Lab File: VY020384.D

Acq: 21 Nov 2024 14:09

Tgt Ion:	117	Resp:	17097
Ion	Ratio	Lower	Upper
117	100		
119	3.9	77.8	116.6#
121	0.0	24.6	37.0#

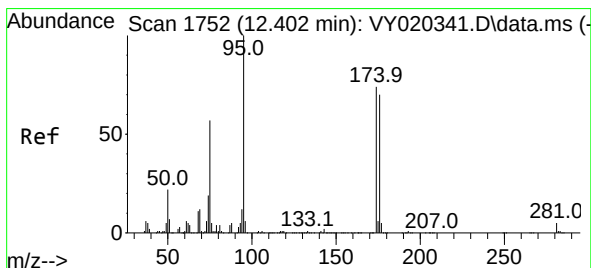
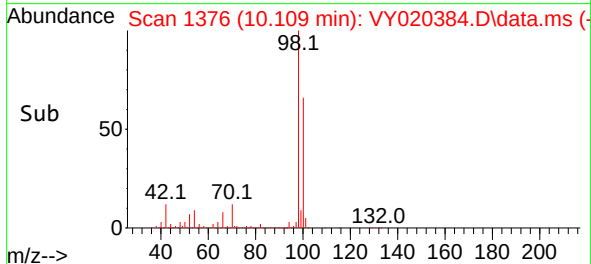
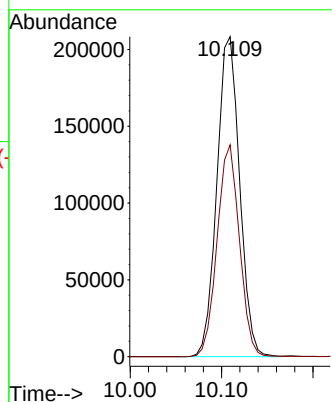
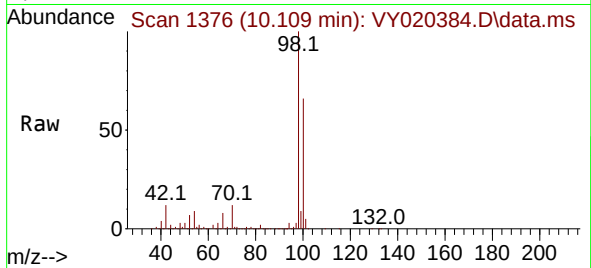




#50
Toluene-d8
Concen: 48.055 ug/l
RT: 10.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY020384.D
Acq: 21 Nov 2024 14:09

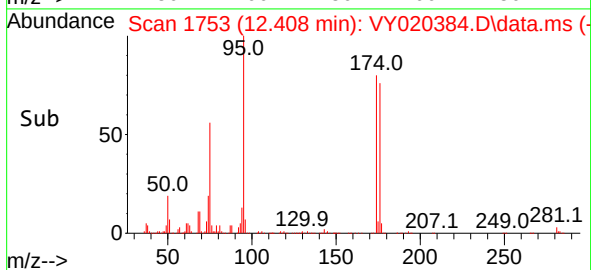
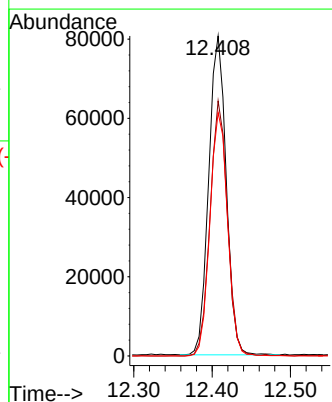
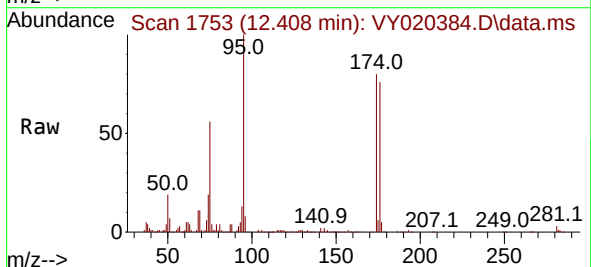
Instrument :
MSVOA_Y
ClientSampleId :

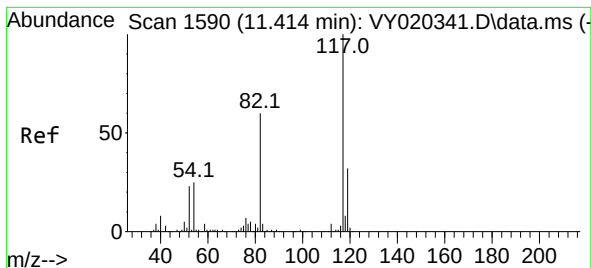
Tgt Ion: 98 Resp: 360396
Ion Ratio Lower Upper
98 100
100 64.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 51.768 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020384.D
Acq: 21 Nov 2024 14:09

Tgt Ion: 95 Resp: 124807
Ion Ratio Lower Upper
95 100
174 79.7 0.0 156.8
176 77.0 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: VY020384.D

Acq: 21 Nov 2024 14:09

Instrument :

MSVOA_Y

ClientSampleId :

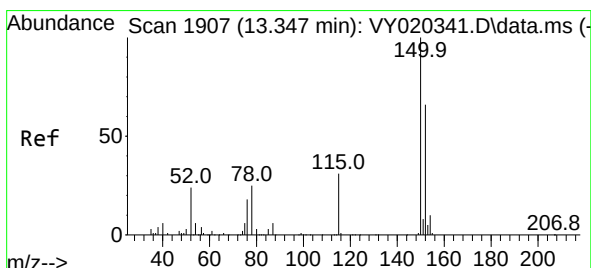
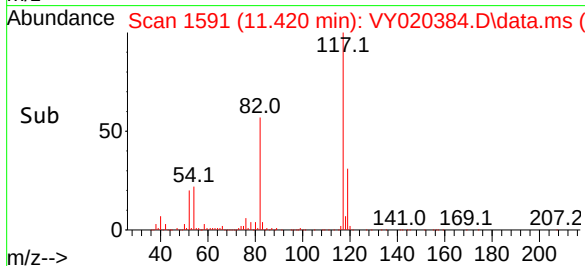
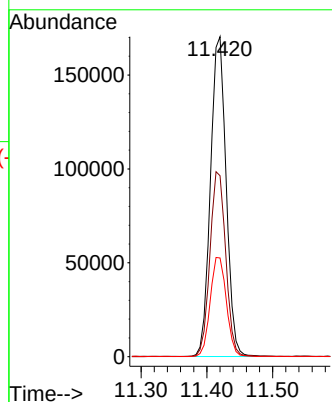
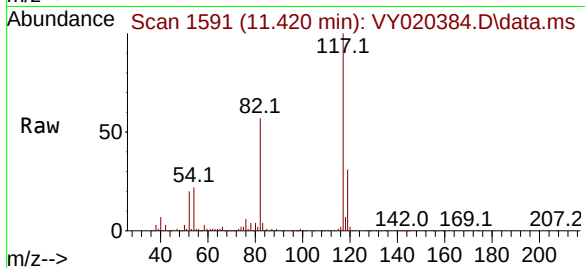
Tgt Ion:117 Resp: 282341

Ion Ratio Lower Upper

117 100

82 56.5 48.2 72.4

119 30.8 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020384.D

Acq: 21 Nov 2024 14:09

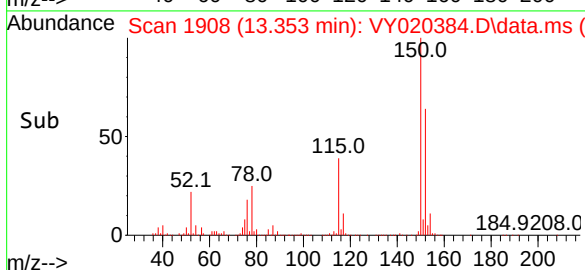
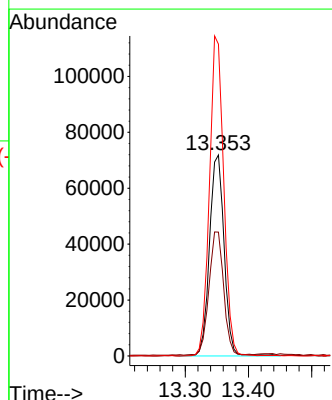
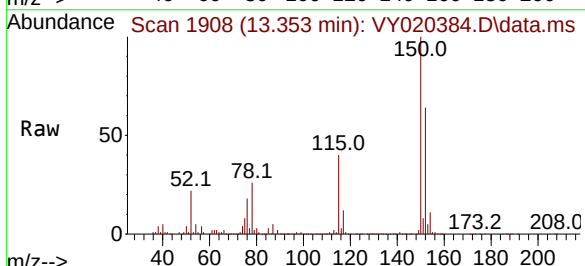
Tgt Ion:152 Resp: 115932

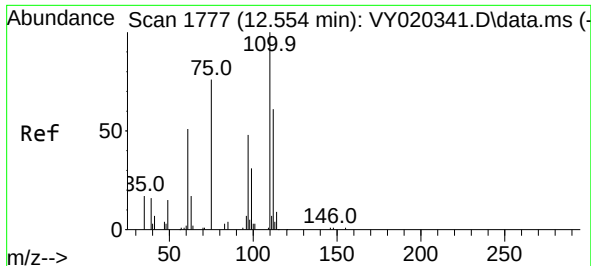
Ion Ratio Lower Upper

152 100

115 61.4 30.0 90.0

150 154.4 0.0 348.2

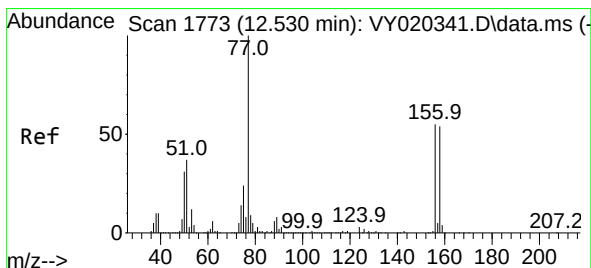
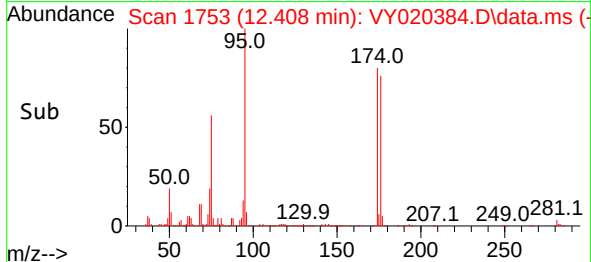
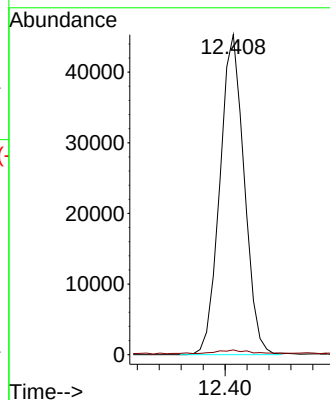
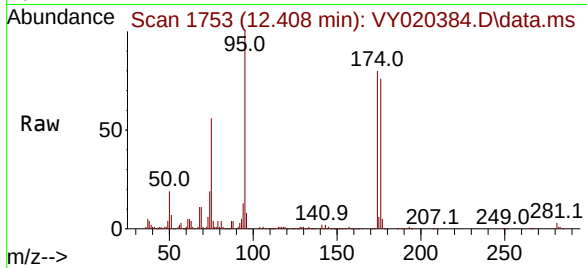




#76
1,2,3-Trichloropropane
Concen: 63.943 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020384.D
Acq: 21 Nov 2024 14:09

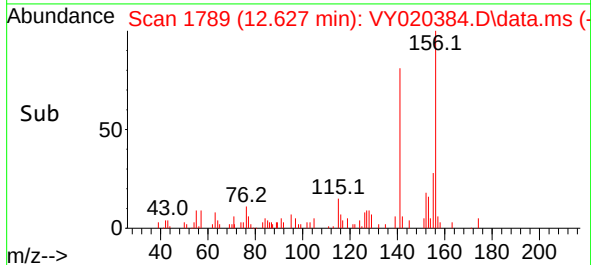
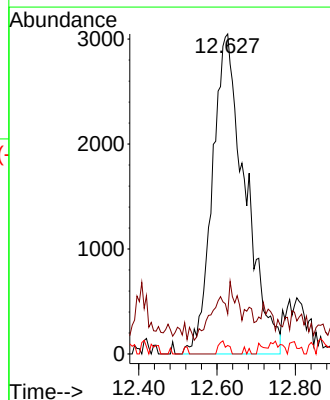
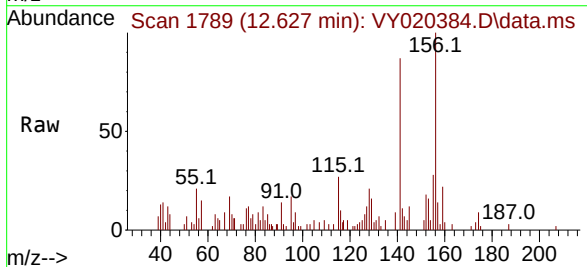
Instrument :
MSVOA_Y
ClientSampleId :

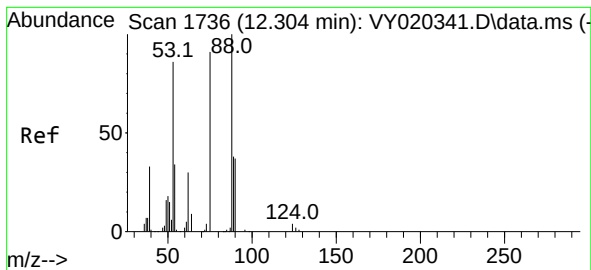
Tgt Ion: 75 Resp: 69870
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#77
Bromobenzene
Concen: 8.646 ug/l
RT: 12.627 min Scan# 1789
Delta R.T. 0.097 min
Lab File: VY020384.D
Acq: 21 Nov 2024 14:09

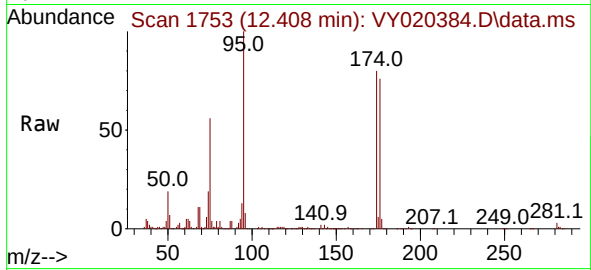
Tgt Ion: 156 Resp: 17790
Ion Ratio Lower Upper
156 100
77 2.5 97.2 291.6#
158 0.0 47.8 143.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.293 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY020384.D
 Acq: 21 Nov 2024 14:09

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 69870
 Ion Ratio Lower Upper
 75 100
 53 0.1 81.1 121.7#
 89 0.1 35.1 52.7#

