

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020139.D
 Acq On : 04 Nov 2024 13:49
 Operator : SY/MD
 Sample : P4680-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 00:31:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

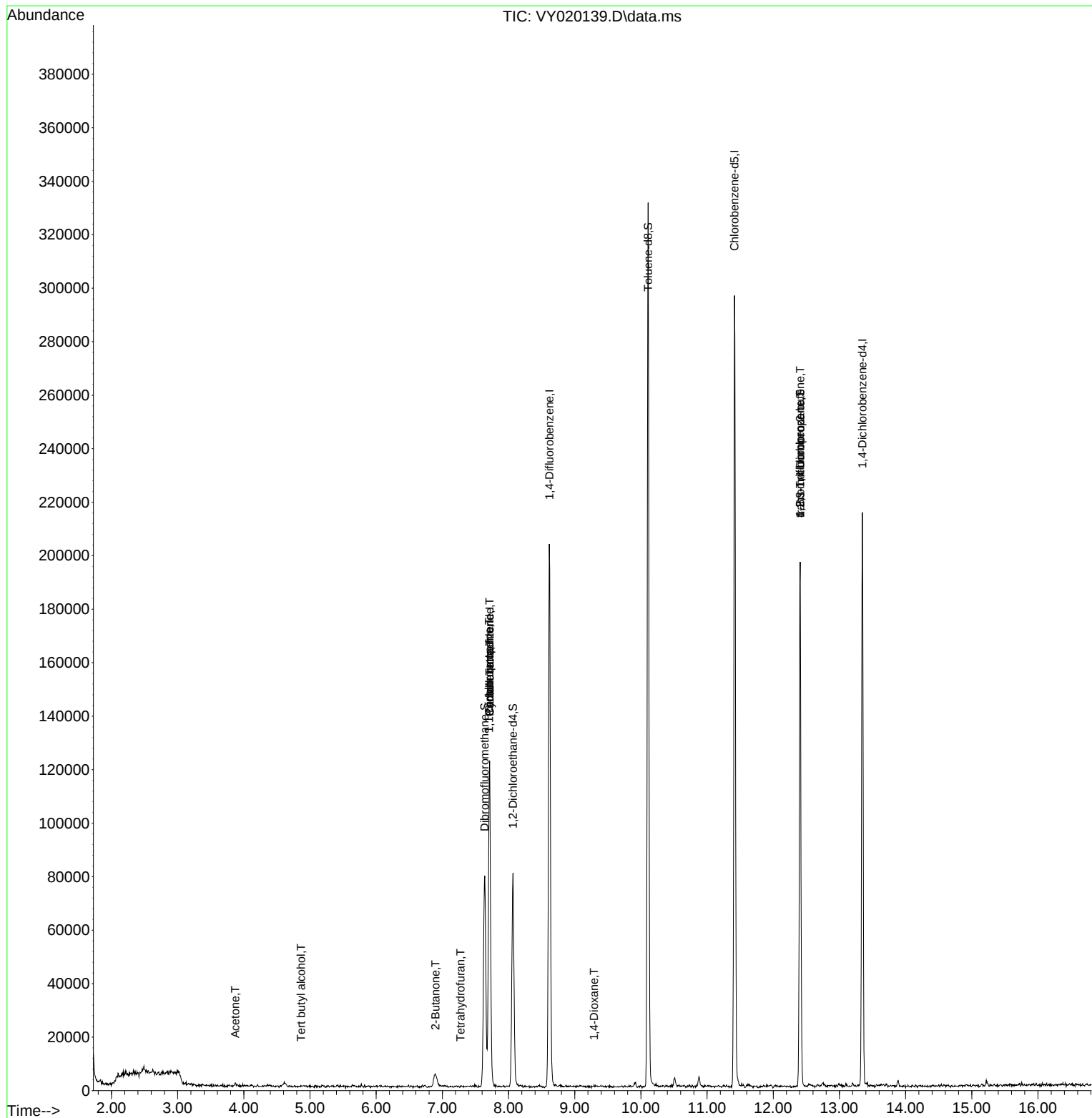
Internal Standards						
1) Pentafluorobenzene	7.713	168	80663	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	162478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	145431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	48214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	61077	60.669	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.340%	
35) Dibromofluoromethane	7.640	113	57340	55.507	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.020%	
50) Toluene-d8	10.109	98	201351	48.967	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.940%	
62) 4-Bromofluorobenzene	12.408	95	57211	42.835	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 85.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	120	1.657	ug/l #	88
16) Acetone	3.873	43	1611	6.881	ug/l #	79
25) 2-Butanone	6.896	43	910	2.867	ug/l #	41
29) Tetrahydrofuran	7.274	42	322	1.758	ug/l #	26
31) Cyclohexane	7.713	56	2898	1.586	ug/l #	39
36) 1,1-Dichloropropene	7.707	75	8574	5.373	ug/l #	50
38) Carbon Tetrachloride	7.713	117	9174	5.717	ug/l #	17
49) 1,4-Dioxane	9.292	88	22	3.539	ug/l #	20
76) 1,2,3-Trichloropropane	12.408	75	33332	73.751	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	33332	158.635	ug/l #	16

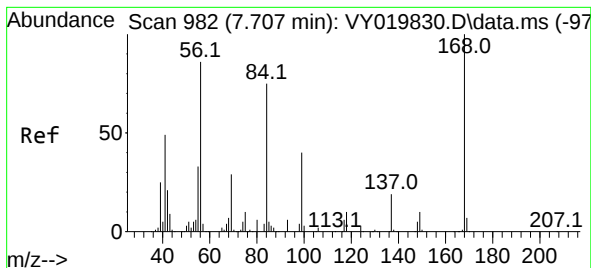
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 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: VY020139.D

Acq: 04 Nov 2024 13:49

Instrument :

MSVOA_Y

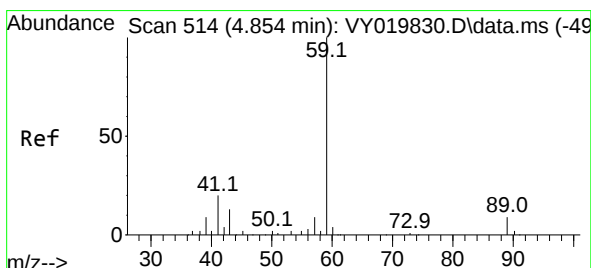
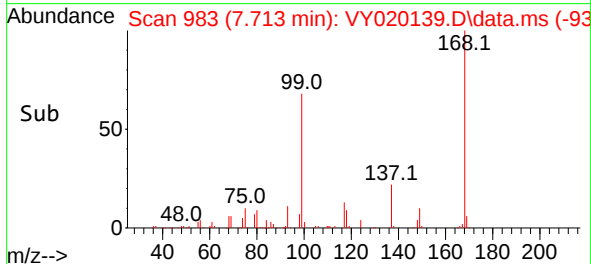
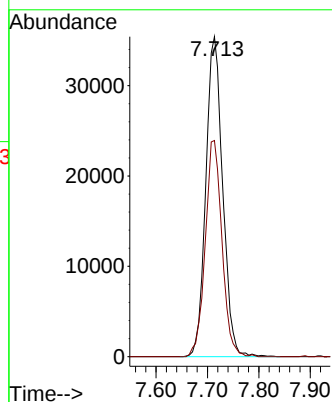
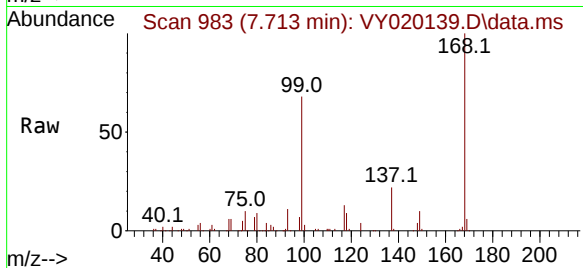
ClientSampleId :

Tgt Ion:168 Resp: 80663

Ion Ratio Lower Upper

168 100

99 67.6 39.1 58.7#



#11

Tert butyl alcohol

Concen: 1.657 ug/l

RT: 4.866 min Scan# 516

Delta R.T. 0.006 min

Lab File: VY020139.D

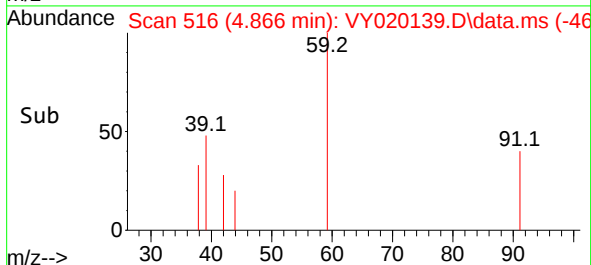
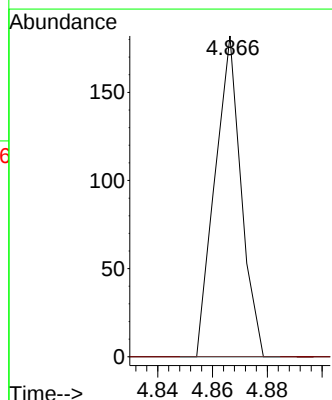
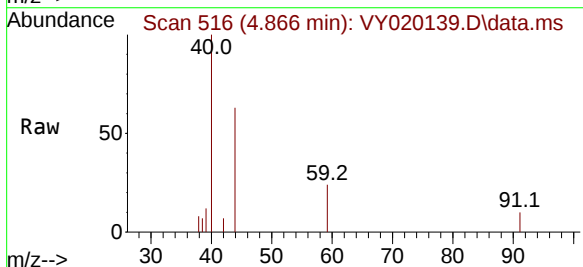
Acq: 04 Nov 2024 13:49

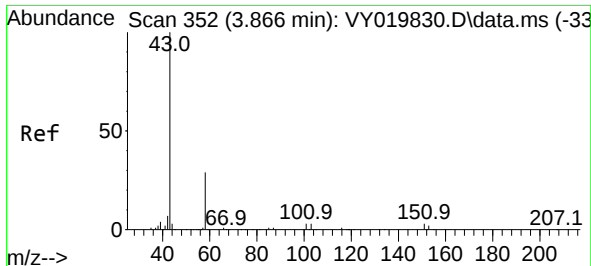
Tgt Ion: 59 Resp: 120

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#

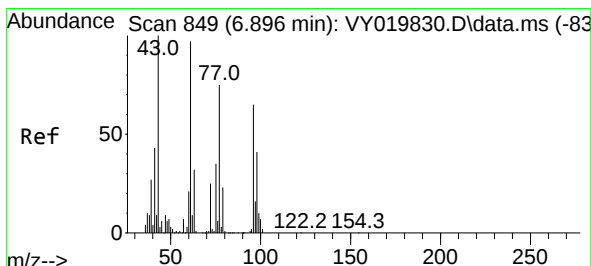
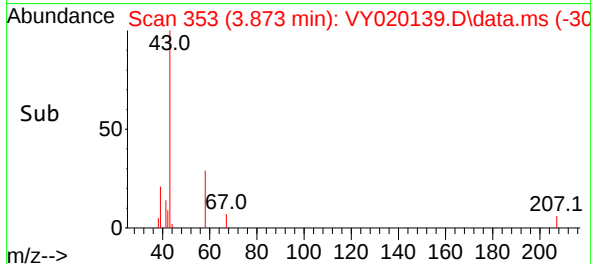
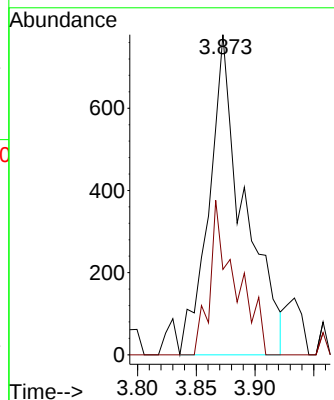
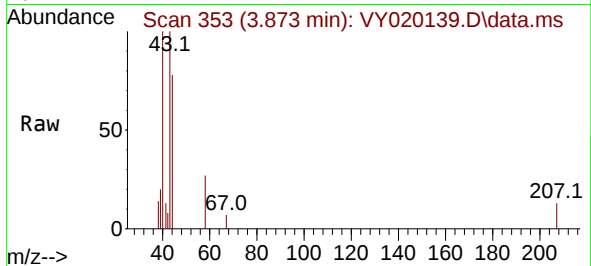




#16
Acetone
Concen: 6.881 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020139.D
Acq: 04 Nov 2024 13:49

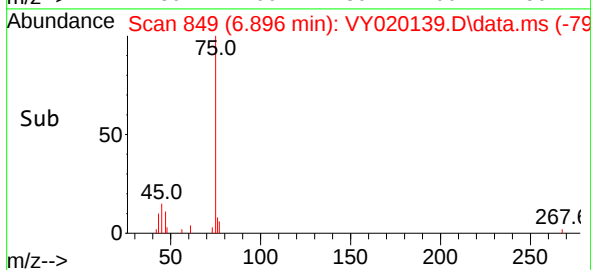
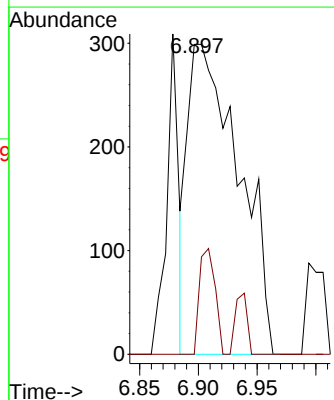
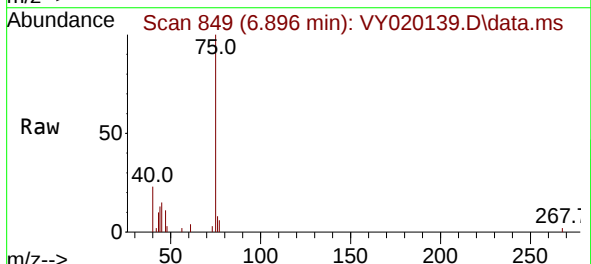
Instrument :
MSVOA_Y
ClientSampleId :

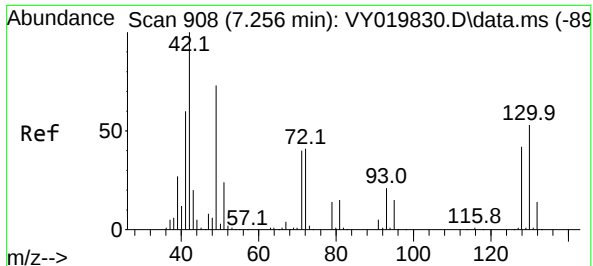
Tgt Ion: 43 Resp: 1611
Ion Ratio Lower Upper
43 100
58 26.7 31.7 47.5#



#25
2-Butanone
Concen: 2.867 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.007 min
Lab File: VY020139.D
Acq: 04 Nov 2024 13:49

Tgt Ion: 43 Resp: 910
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#





#29

Tetrahydrofuran

Concen: 1.758 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.013 min

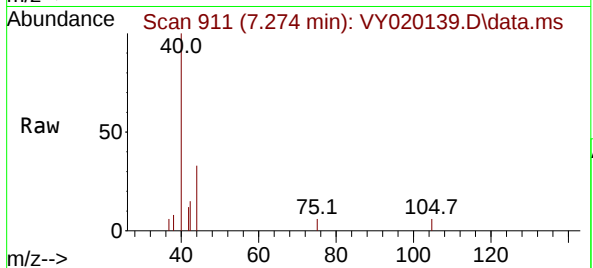
Lab File: VY020139.D

Acq: 04 Nov 2024 13:49

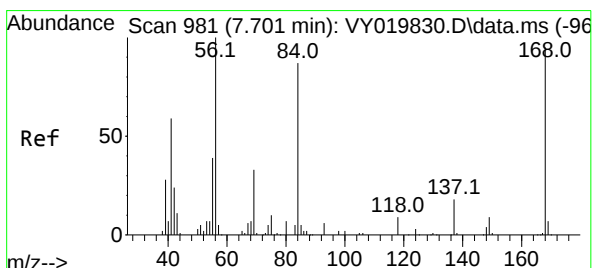
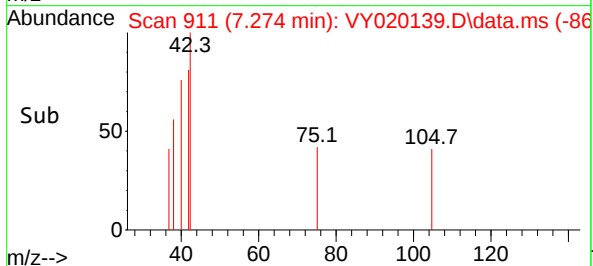
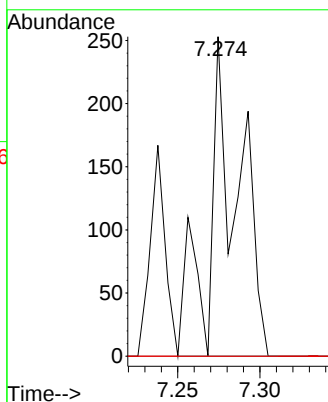
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	322
Ion Ratio	Lower	Upper	
42	100		
72	0.0	43.0	64.4#
71	0.0	40.8	61.2#



#31

Cyclohexane

Concen: 1.586 ug/l

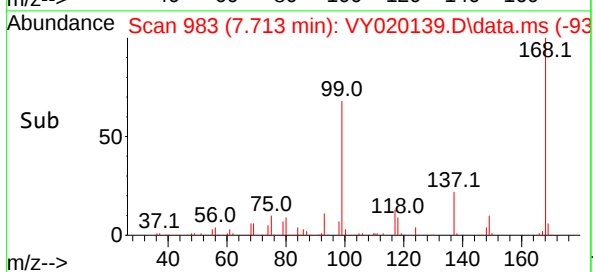
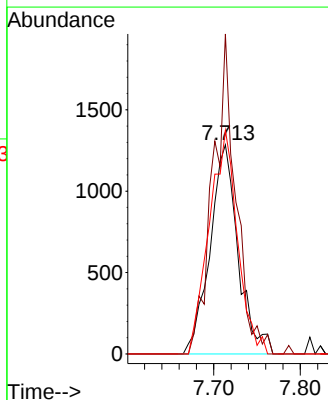
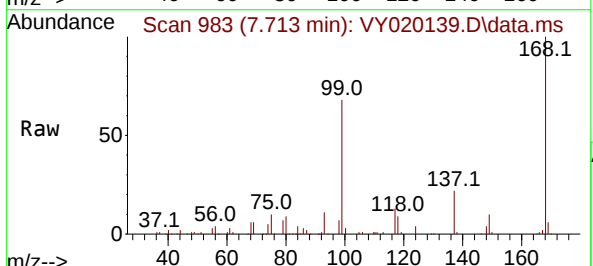
RT: 7.713 min Scan# 983

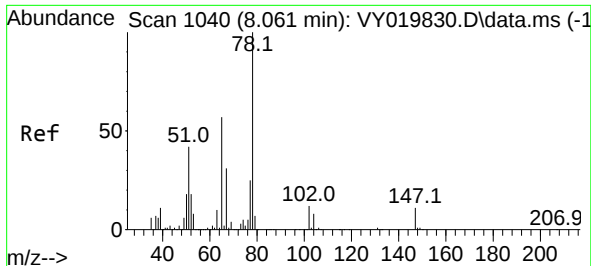
Delta R.T. 0.013 min

Lab File: VY020139.D

Acq: 04 Nov 2024 13:49

Tgt Ion:	56	Resp:	2898
Ion Ratio	Lower	Upper	
56	100		
69	153.0	28.7	43.1#
84	106.9	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 60.669 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.007 min

Lab File: VY020139.D

Acq: 04 Nov 2024 13:49

Instrument :

MSVOA_Y

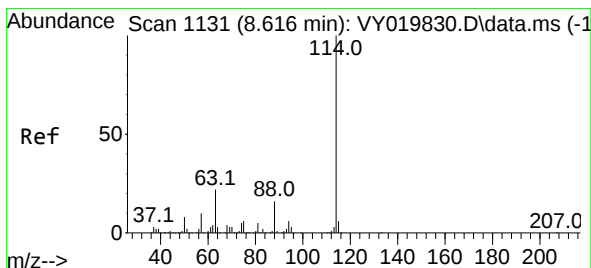
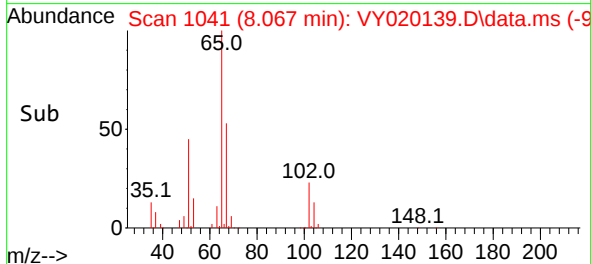
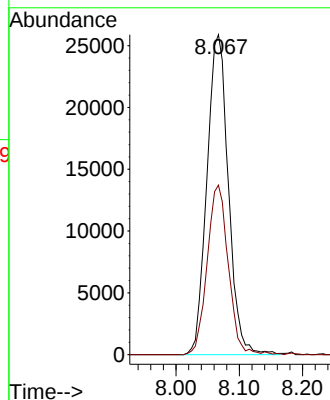
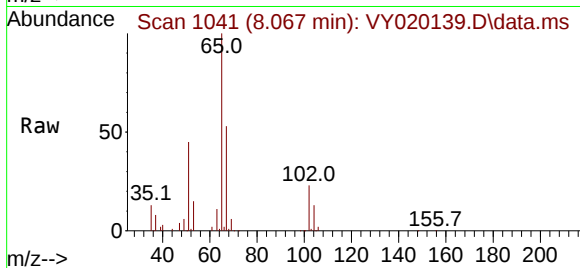
ClientSampleId :

Tgt Ion: 65 Resp: 61077

Ion Ratio Lower Upper

65 100

67 51.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020139.D

Acq: 04 Nov 2024 13:49

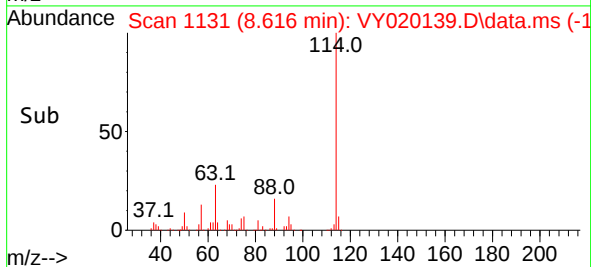
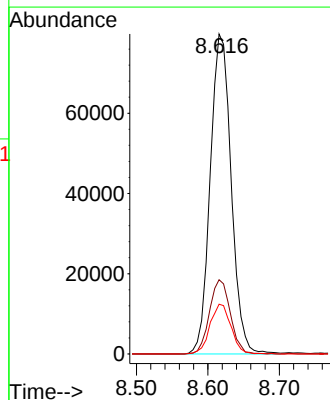
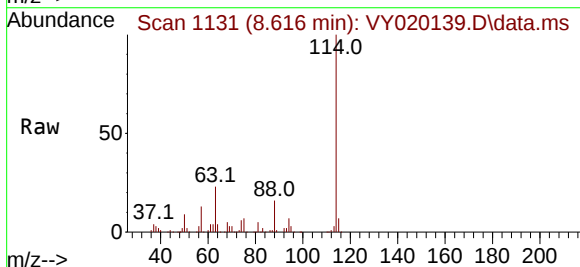
Tgt Ion: 114 Resp: 162478

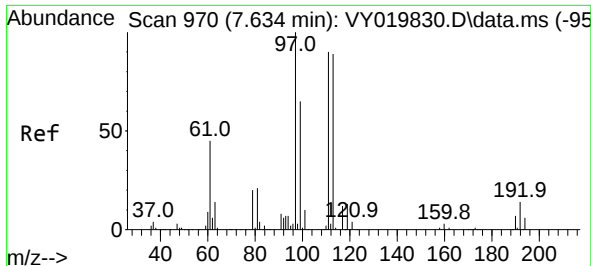
Ion Ratio Lower Upper

114 100

63 23.2 0.0 35.0

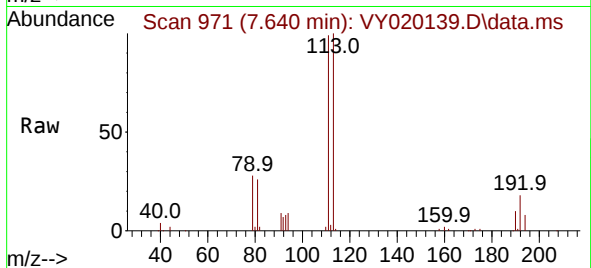
88 15.6 0.0 27.2



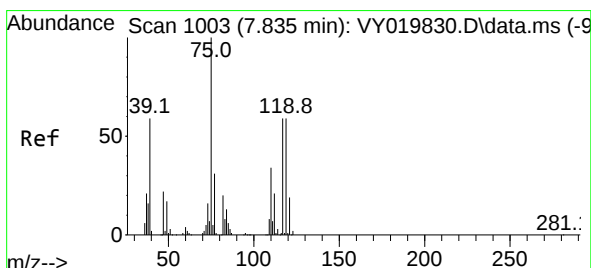
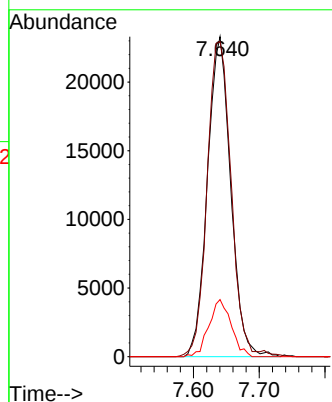
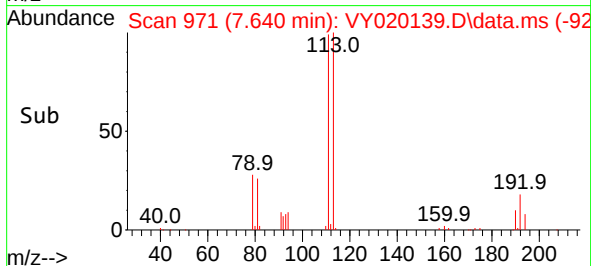


#35
Dibromofluoromethane
Concen: 55.507 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY020139.D
Acq: 04 Nov 2024 13:49

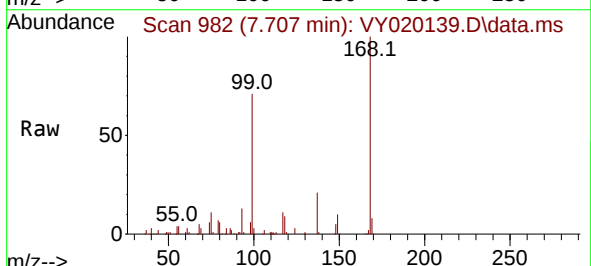
Instrument :
MSVOA_Y
ClientSampleId :



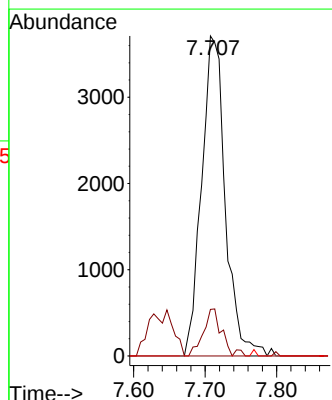
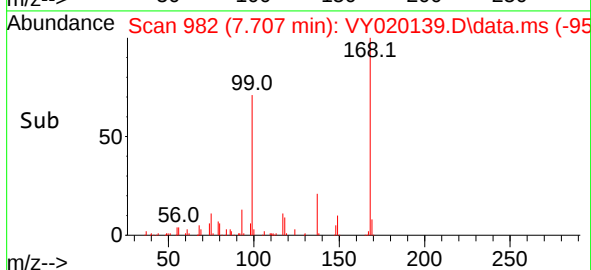
Tgt Ion:113 Resp: 57340
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 17.1 15.9 23.9

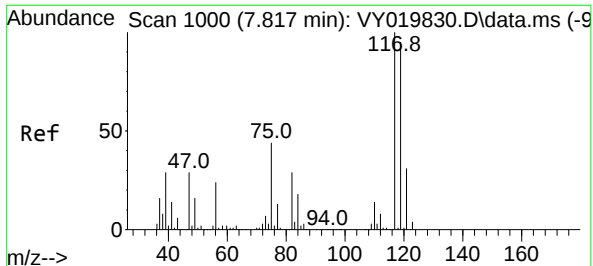


#36
1,1-Dichloropropene
Concen: 5.373 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020139.D
Acq: 04 Nov 2024 13:49



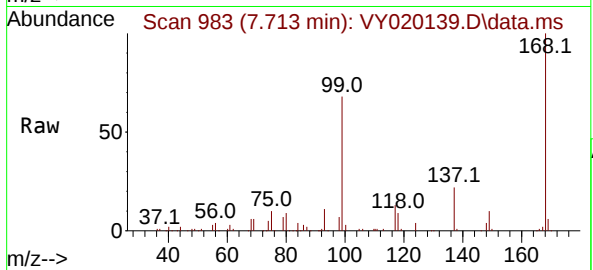
Tgt Ion: 75 Resp: 8574
Ion Ratio Lower Upper
75 100
110 10.9 19.0 57.0#
77 0.0 25.3 37.9#



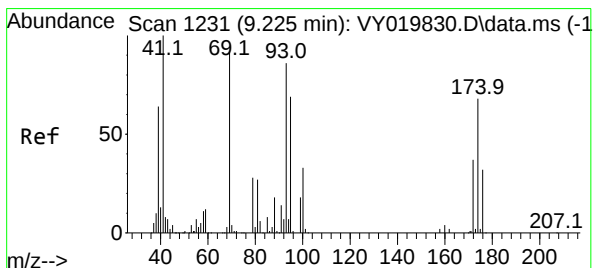
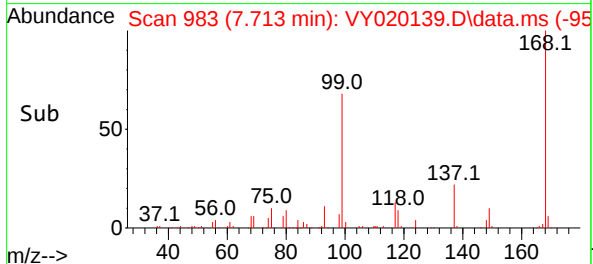
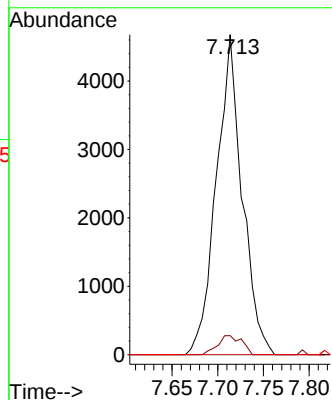


#38
Carbon Tetrachloride
Concen: 5.717 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020139.D
Acq: 04 Nov 2024 13:49

Instrument :
MSVOA_Y
ClientSampleId :

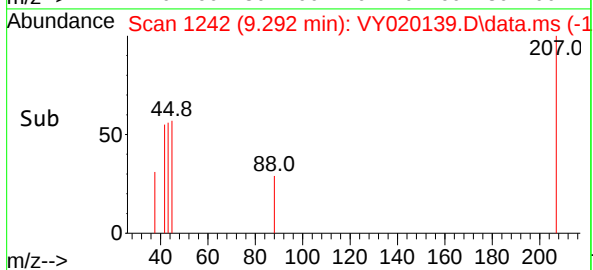
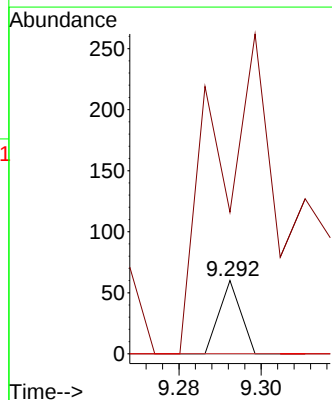
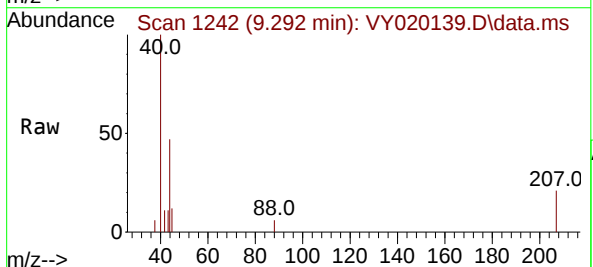


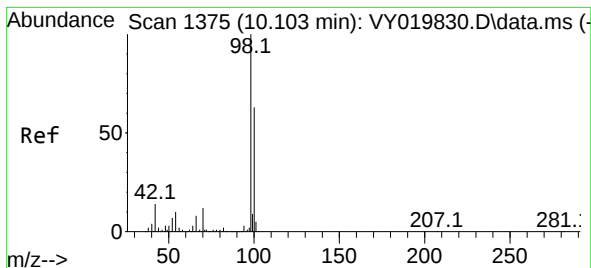
Tgt Ion:117 Resp: 9174
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 3.539 ug/l
RT: 9.292 min Scan# 1242
Delta R.T. 0.061 min
Lab File: VY020139.D
Acq: 04 Nov 2024 13:49

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 1613.6 0.0 0.0#
58 0.0 49.3 73.9#

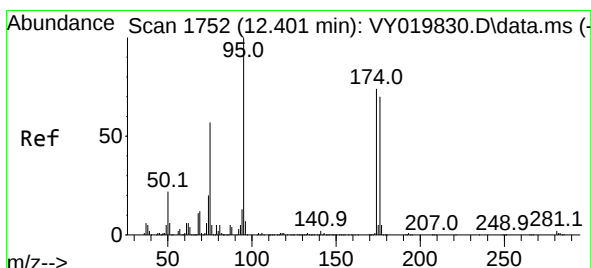
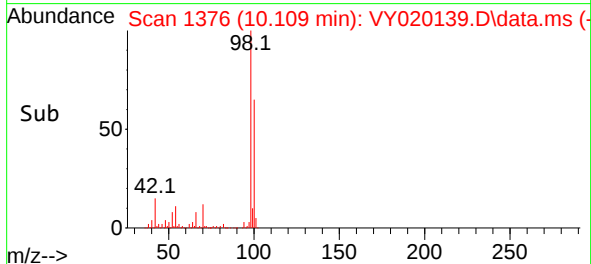
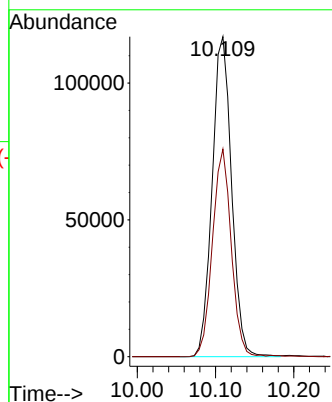
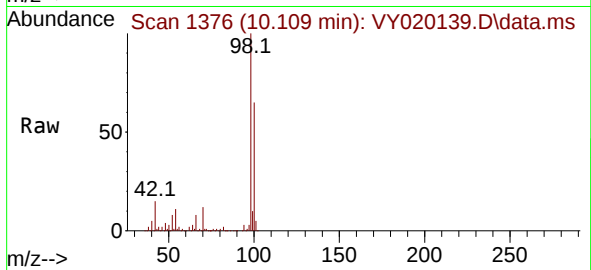




#50
Toluene-d8
Concen: 48.967 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020139.D
Acq: 04 Nov 2024 13:49

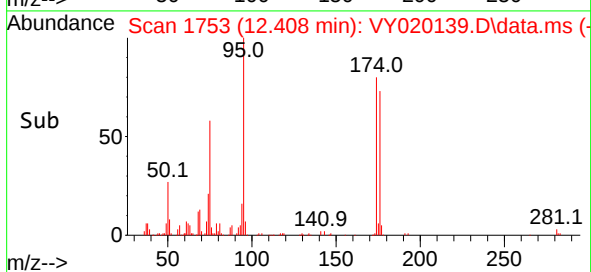
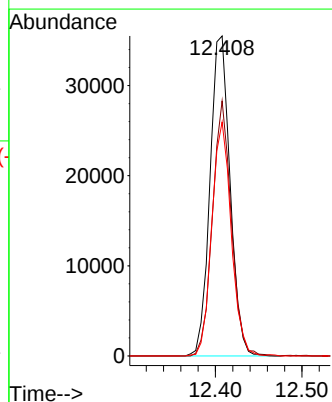
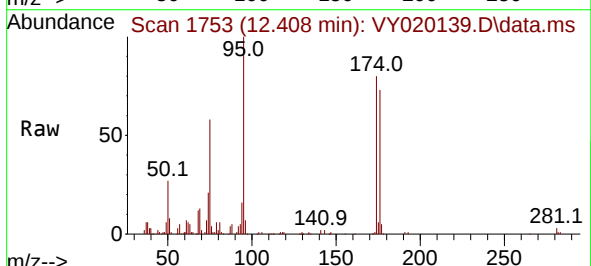
Instrument :
MSVOA_Y
ClientSampleId :

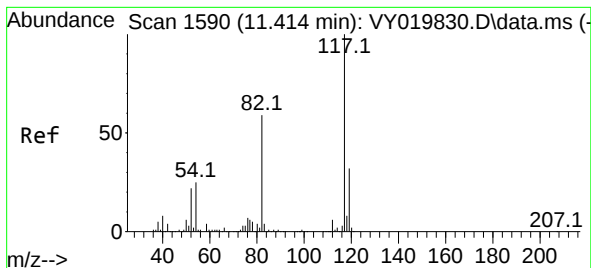
Tgt Ion: 98 Resp: 201351
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.835 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020139.D
Acq: 04 Nov 2024 13:49

Tgt Ion: 95 Resp: 57211
Ion Ratio Lower Upper
95 100
174 74.9 0.0 175.6
176 70.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020139.D

Acq: 04 Nov 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

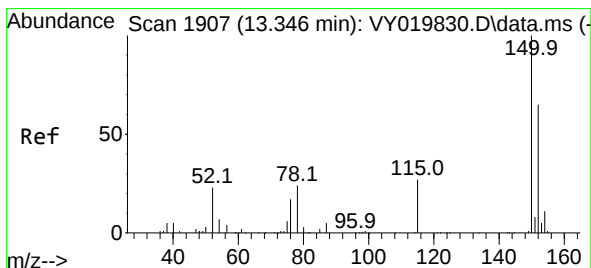
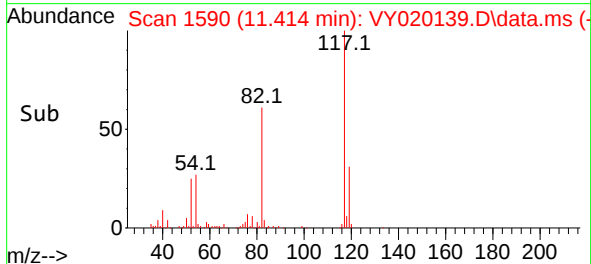
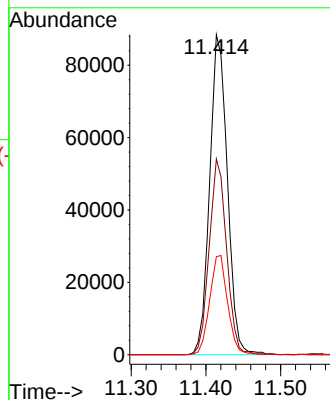
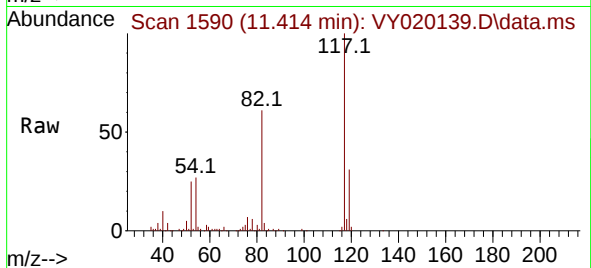
Tgt Ion:117 Resp: 145431

Ion Ratio Lower Upper

117 100

82 61.2 42.4 63.6

119 30.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020139.D

Acq: 04 Nov 2024 13:49

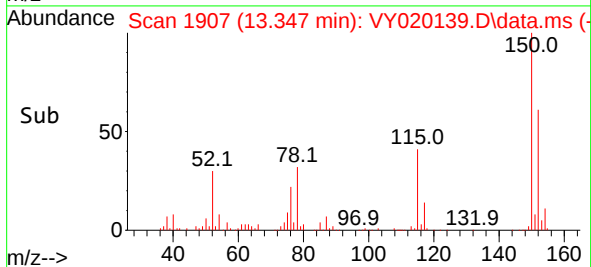
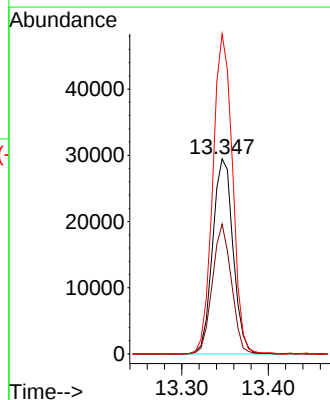
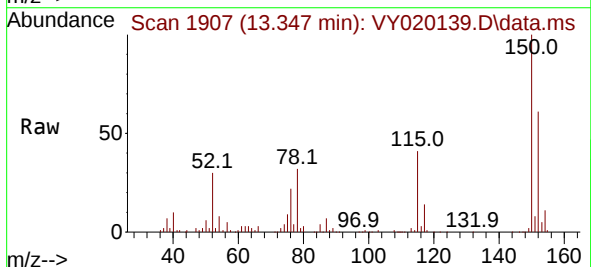
Tgt Ion:152 Resp: 48214

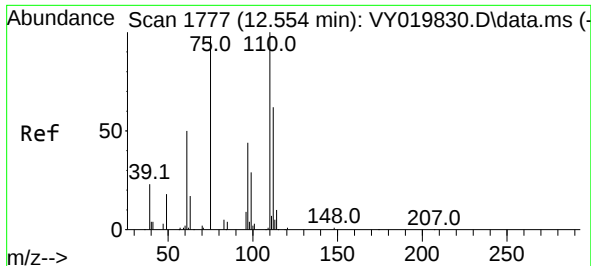
Ion Ratio Lower Upper

152 100

115 62.2 28.2 84.7

150 158.1 0.0 345.6

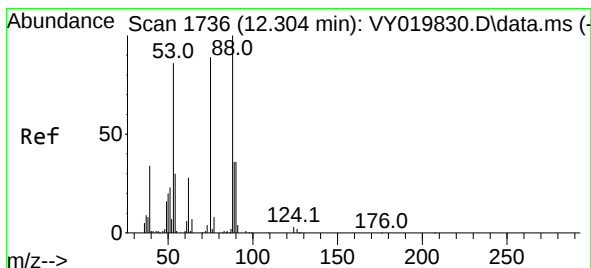
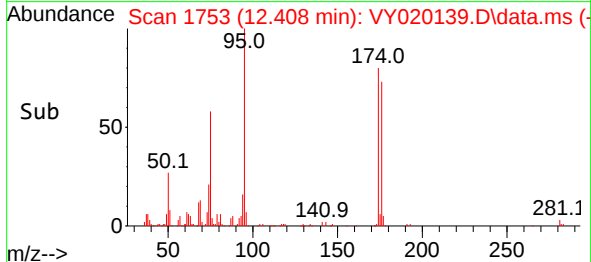
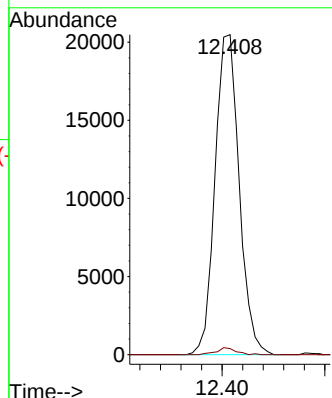
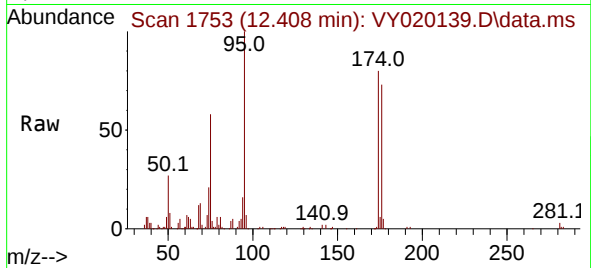




#76
1,2,3-Trichloropropane
Concen: 73.751 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020139.D
Acq: 04 Nov 2024 13:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 33332
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 158.635 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020139.D
Acq: 04 Nov 2024 13:49

Tgt Ion: 75 Resp: 33332
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

