

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020144.D
 Acq On : 04 Nov 2024 15:46
 Operator : SY/MD
 Sample : P4675-06
 Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 00:33:36 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)

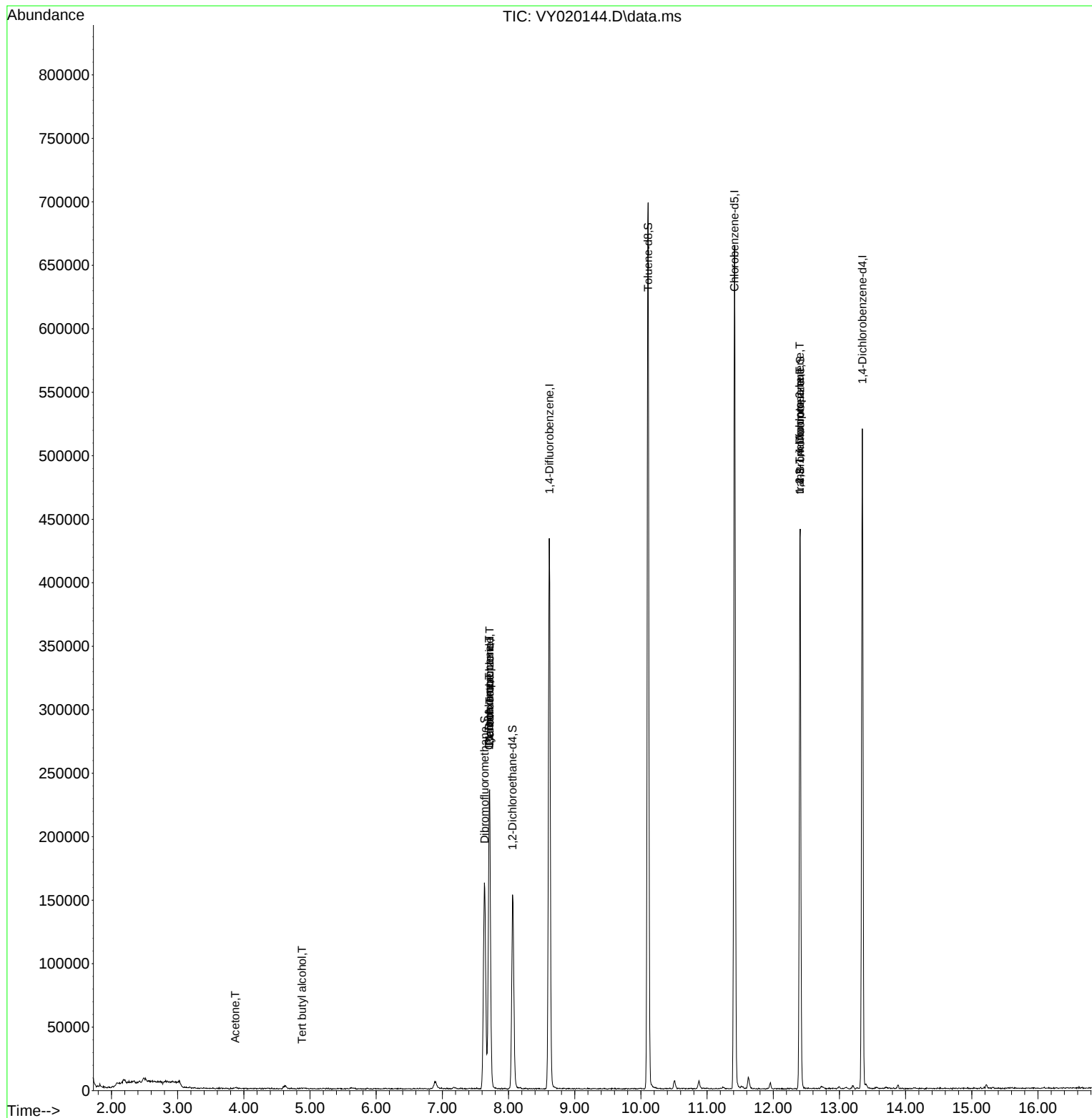
Internal Standards						
1) Pentafluorobenzene	7.713	168	163201	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	341777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	319250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	113506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	116055	56.978	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.960%	
35) Dibromofluoromethane	7.640	113	114620	52.747	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.500%	
50) Toluene-d8	10.109	98	431348	49.869	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.740%	
62) 4-Bromofluorobenzene	12.407	95	130041	46.286	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 92.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.878	59	258	1.761	ug/l	# 88
16) Acetone	3.872	43	2003	4.229	ug/l	# 36
31) Cyclohexane	7.707	56	5205	1.408	ug/l	# 57
36) 1,1-Dichloropropene	7.707	75	15938	4.748	ug/l	# 47
38) Carbon Tetrachloride	7.713	117	19062	5.647	ug/l	# 16
76) 1,2,3-Trichloropropane	12.401	75	76105	71.527	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	76105	153.853	ug/l	# 16

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

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QLast Update : Thu Oct 31 15:23:13 2024
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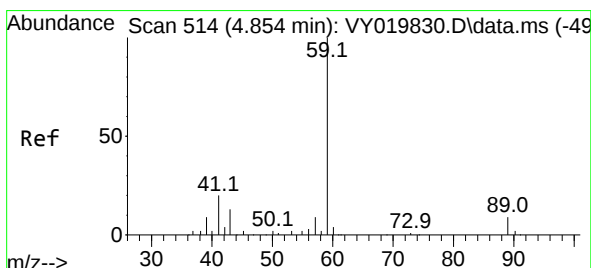
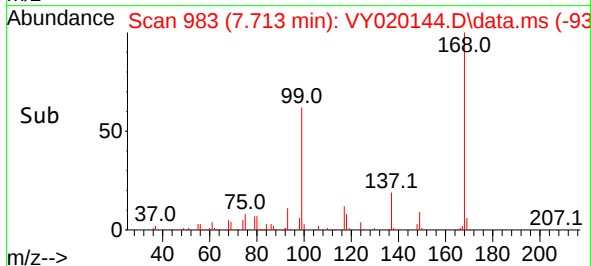
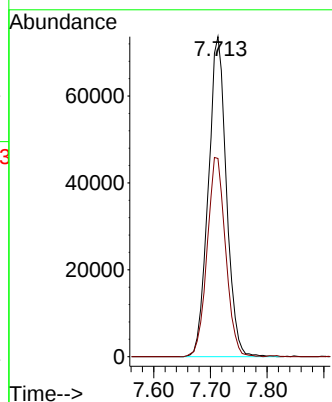
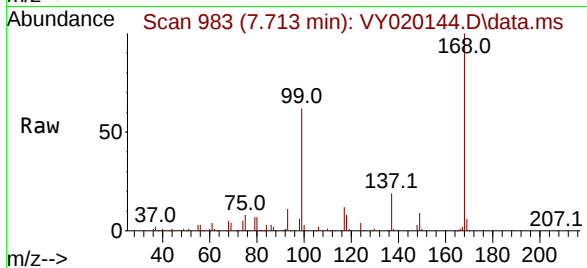




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020144.D
Acq: 04 Nov 2024 15:46

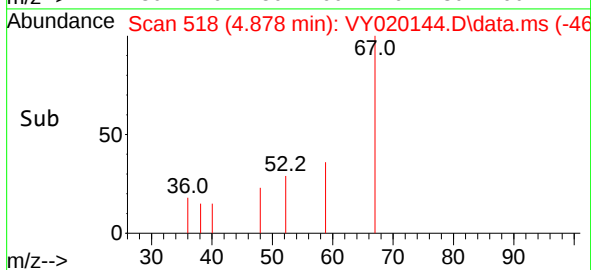
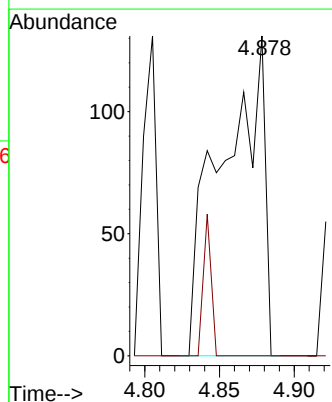
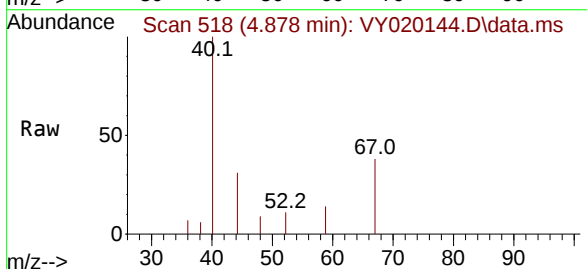
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 163201
Ion Ratio Lower Upper
168 100
99 61.9 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.761 ug/l
RT: 4.878 min Scan# 518
Delta R.T. 0.018 min
Lab File: VY020144.D
Acq: 04 Nov 2024 15:46

Tgt Ion: 59 Resp: 258
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

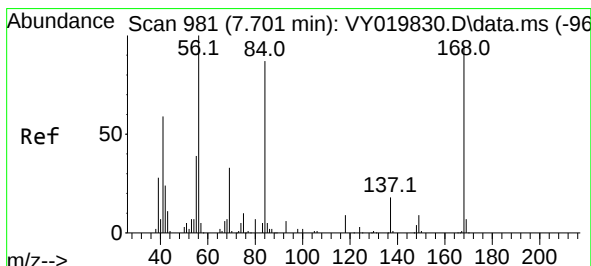
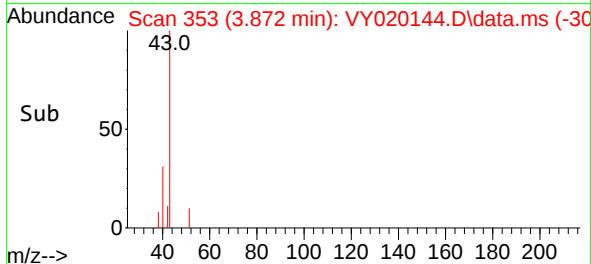
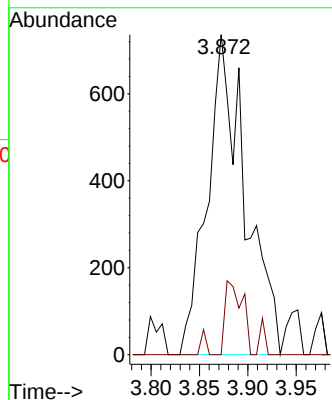
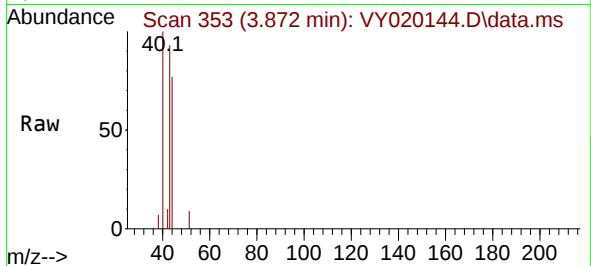




#16
Acetone
Concen: 4.229 ug/l
RT: 3.872 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY020144.D
Acq: 04 Nov 2024 15:46

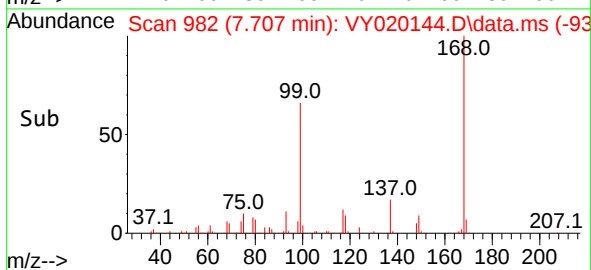
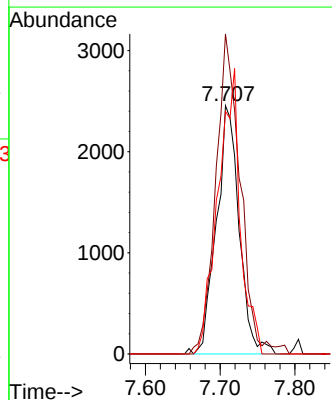
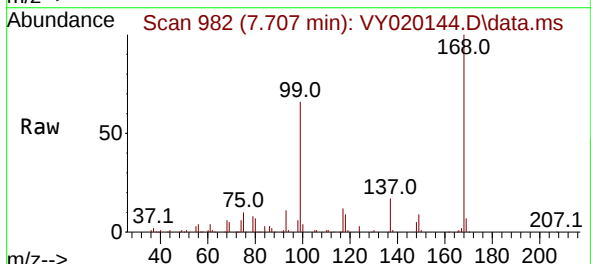
Instrument :
MSVOA_Y
ClientSampleId :

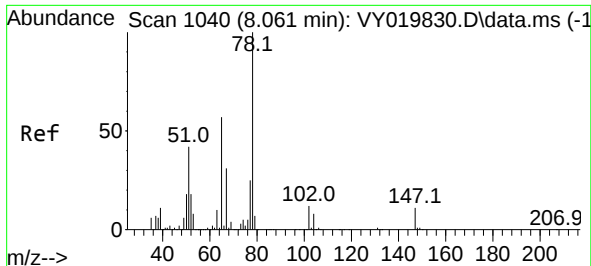
Tgt Ion: 43 Resp: 2003
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#31
Cyclohexane
Concen: 1.408 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020144.D
Acq: 04 Nov 2024 15:46

Tgt Ion: 56 Resp: 5205
Ion Ratio Lower Upper
56 100
69 128.9 28.7 43.1#
84 97.7 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 56.978 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020144.D

Acq: 04 Nov 2024 15:46

Instrument :

MSVOA_Y

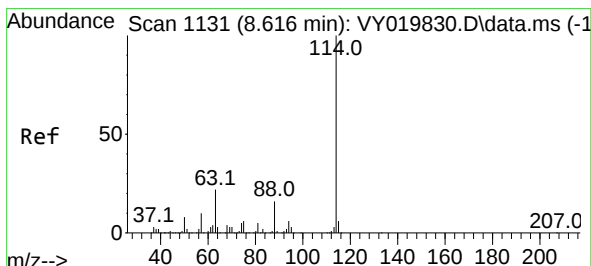
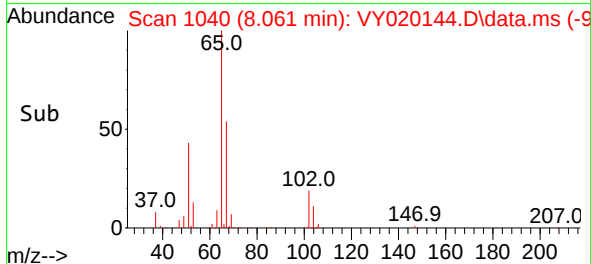
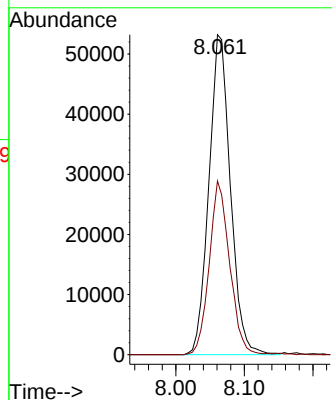
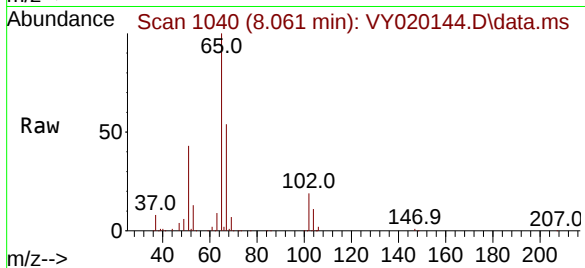
ClientSampleId :

Tgt Ion: 65 Resp: 116055

Ion Ratio Lower Upper

65 100

67 51.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020144.D

Acq: 04 Nov 2024 15:46

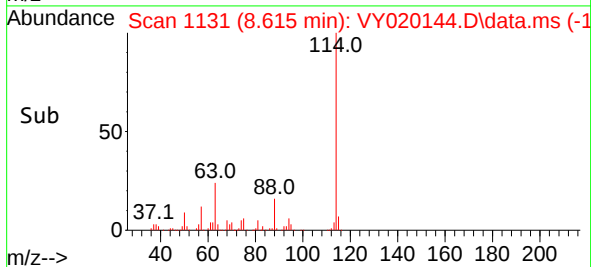
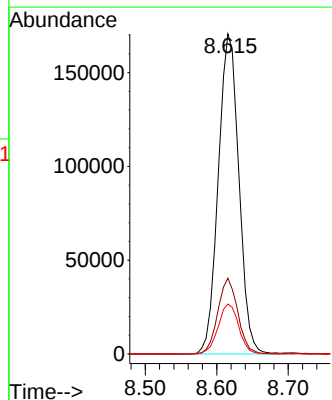
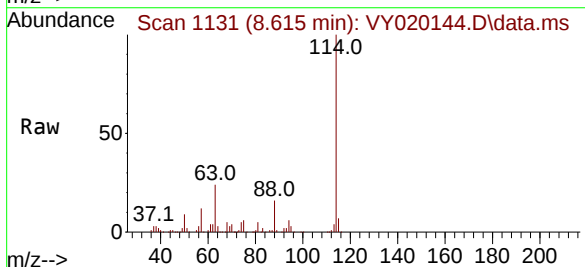
Tgt Ion: 114 Resp: 341777

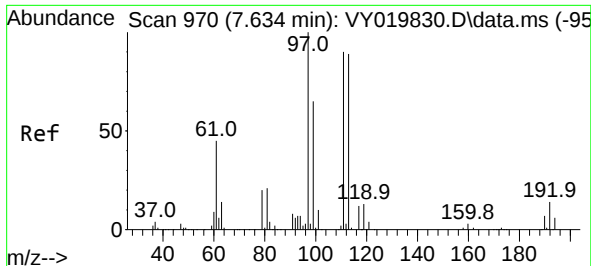
Ion Ratio Lower Upper

114 100

63 23.7 0.0 35.0

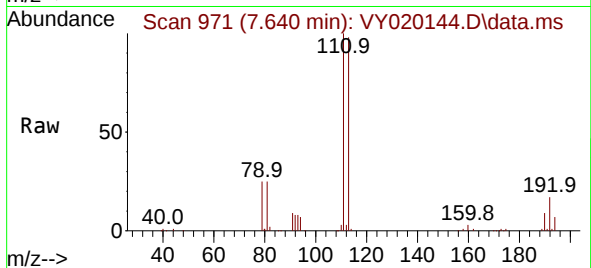
88 15.6 0.0 27.2



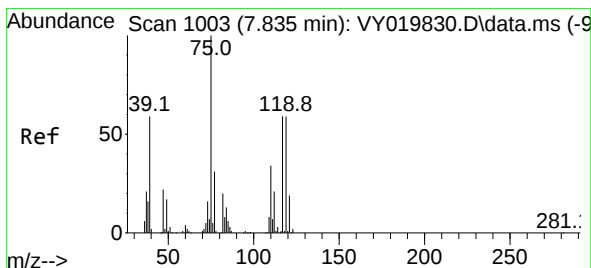
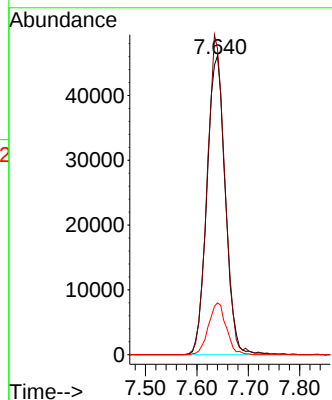
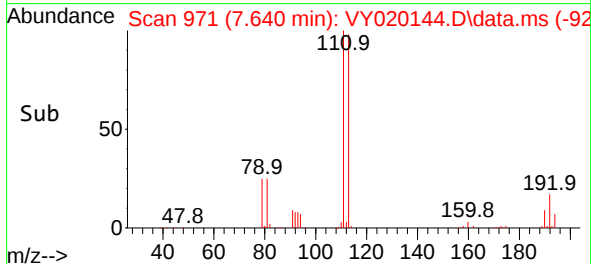


#35
Dibromofluoromethane
Concen: 52.747 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020144.D
Acq: 04 Nov 2024 15:46

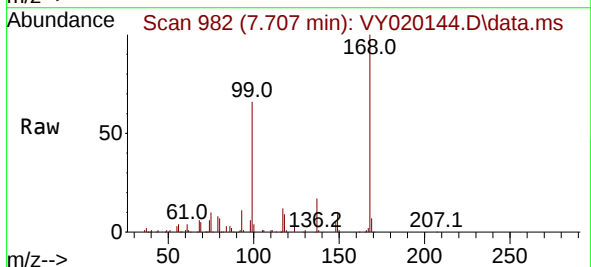
Instrument :
MSVOA_Y
ClientSampleId :



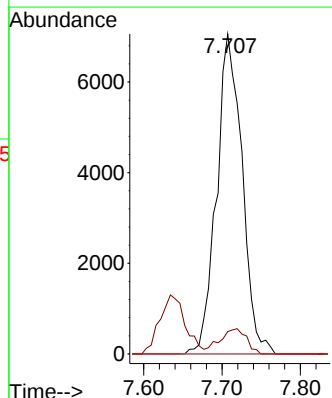
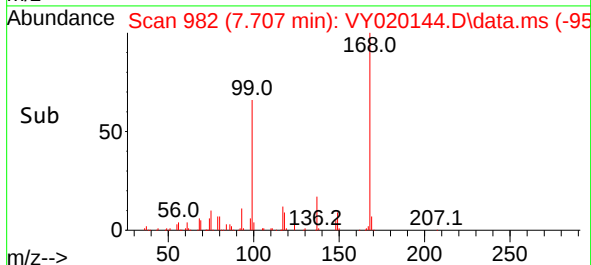
Tgt Ion:113 Resp: 114620
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 16.7 15.9 23.9

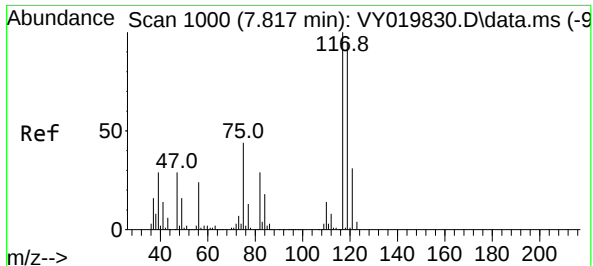


#36
1,1-Dichloropropene
Concen: 4.748 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020144.D
Acq: 04 Nov 2024 15:46



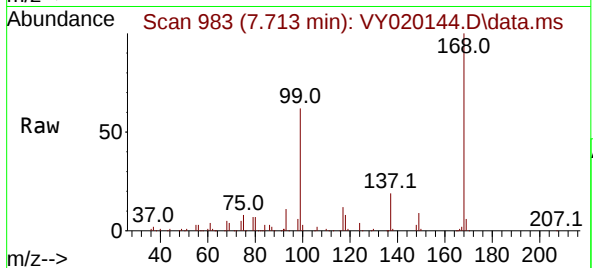
Tgt Ion: 75 Resp: 15938
Ion Ratio Lower Upper
75 100
110 8.3 19.0 57.0#
77 0.0 25.3 37.9#



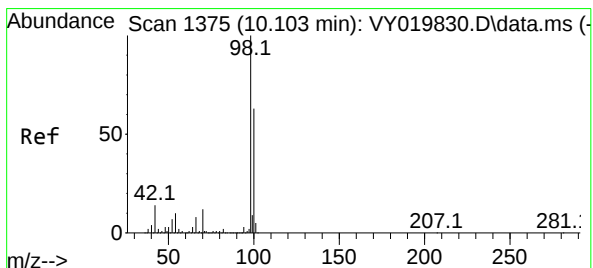
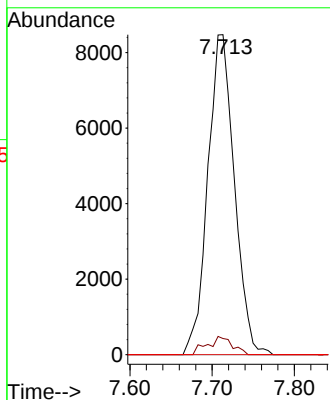
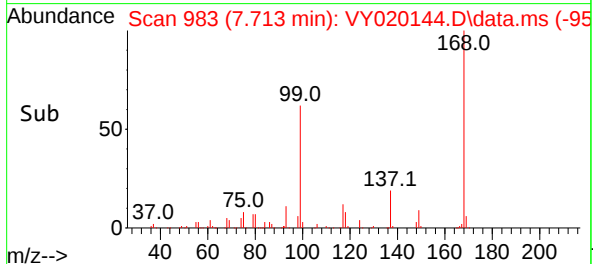


#38
Carbon Tetrachloride
Concen: 5.647 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020144.D
Acq: 04 Nov 2024 15:46

Instrument :
MSVOA_Y
ClientSampleId :

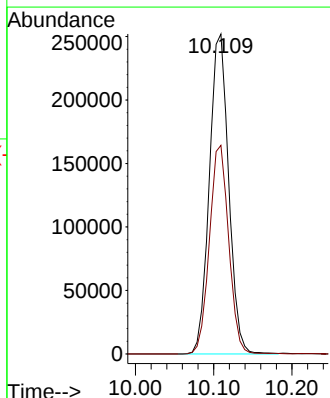
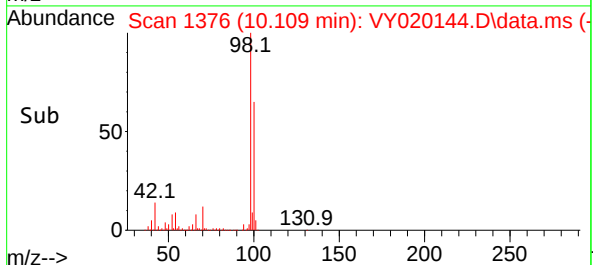
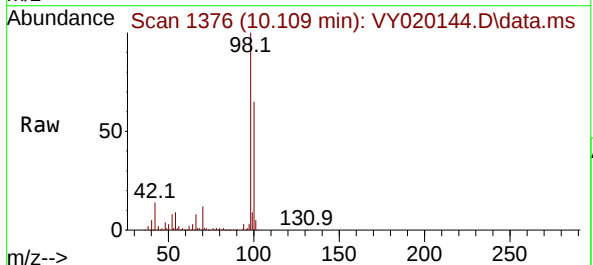


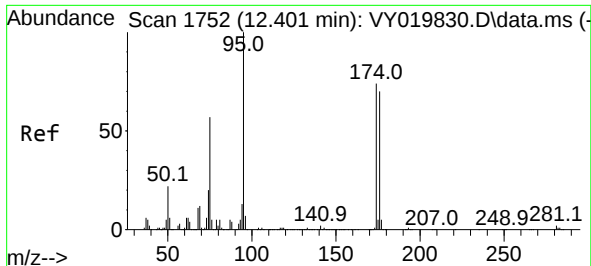
Tgt Ion:117 Resp: 19062
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.869 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020144.D
Acq: 04 Nov 2024 15:46

Tgt Ion: 98 Resp: 431348
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 46.286 ug/l

RT: 12.407 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020144.D

Acq: 04 Nov 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :

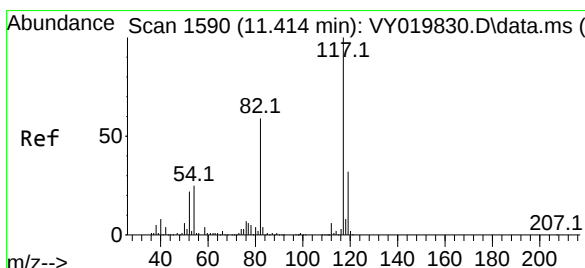
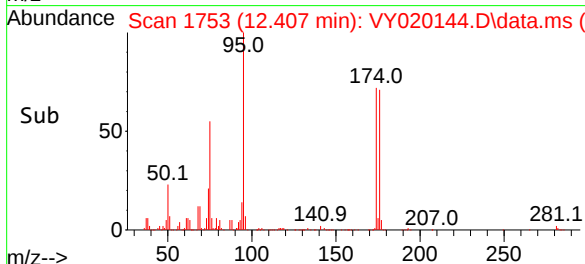
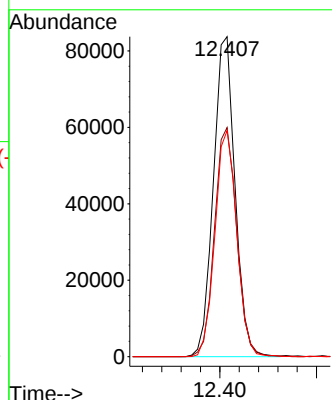
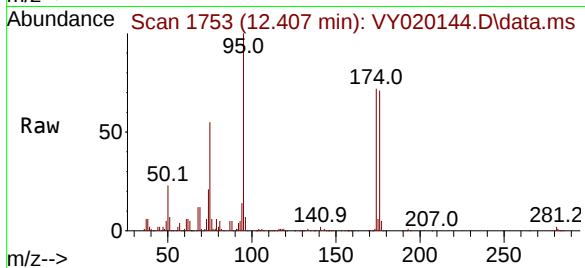
Tgt Ion: 95 Resp: 130041

Ion Ratio Lower Upper

95 100

174 73.3 0.0 175.6

176 71.2 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020144.D

Acq: 04 Nov 2024 15:46

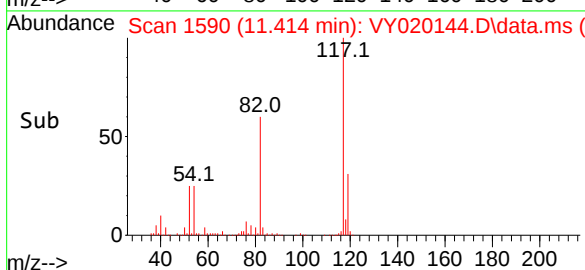
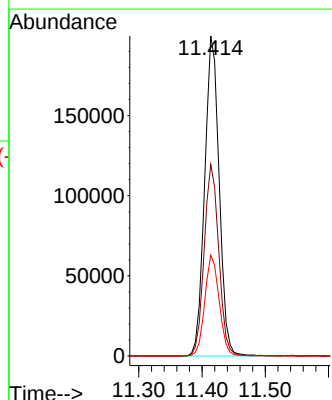
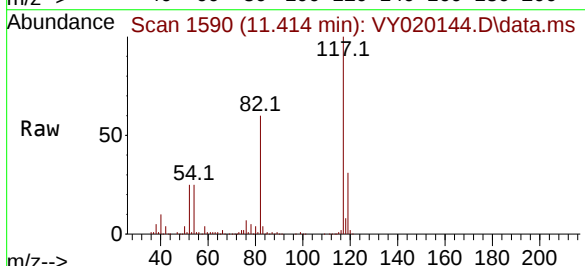
Tgt Ion: 117 Resp: 319250

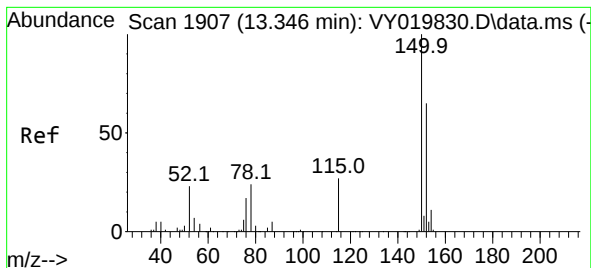
Ion Ratio Lower Upper

117 100

82 59.9 42.4 63.6

119 31.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

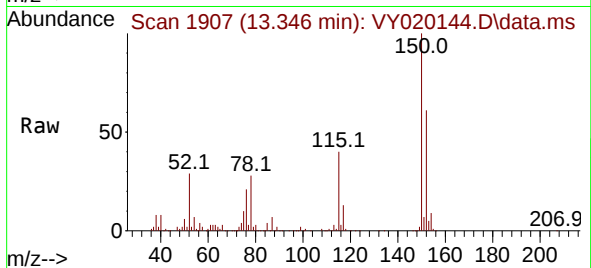
Lab File: VY020144.D

Acq: 04 Nov 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :



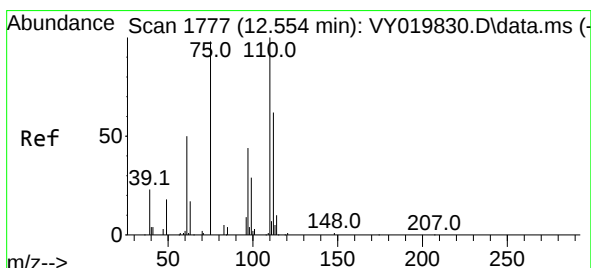
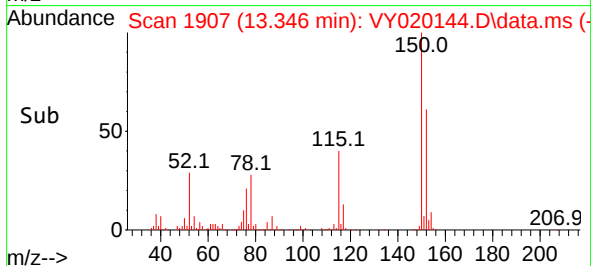
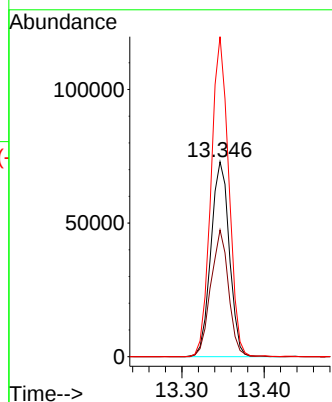
Tgt Ion:152 Resp: 113506

Ion Ratio Lower Upper

152 100

115 62.7 28.2 84.7

150 158.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 71.527 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY020144.D

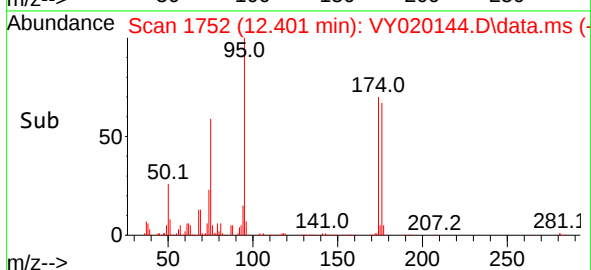
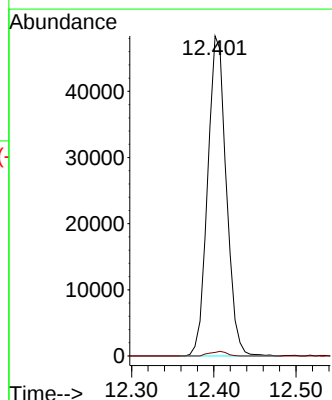
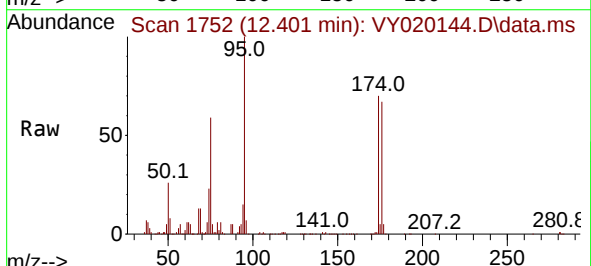
Acq: 04 Nov 2024 15:46

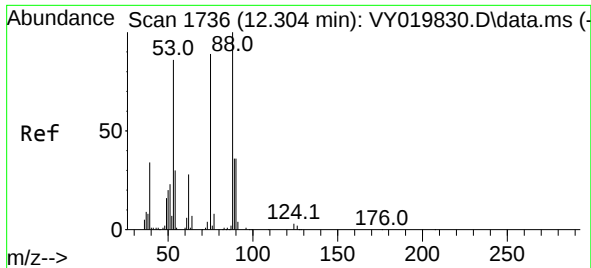
Tgt Ion: 75 Resp: 76105

Ion Ratio Lower Upper

75 100

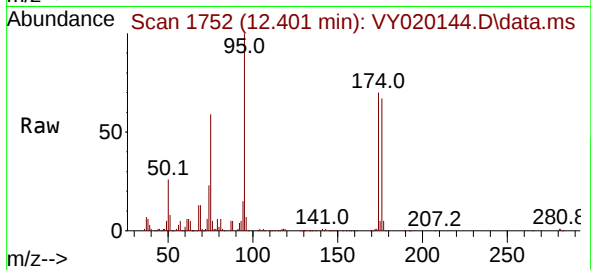
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 153.853 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020144.D
 Acq: 04 Nov 2024 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.1	35.8	53.6#

