

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020141.D
 Acq On : 04 Nov 2024 14:36
 Operator : SY/MD
 Sample : P4675-01
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 00:32:23 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)

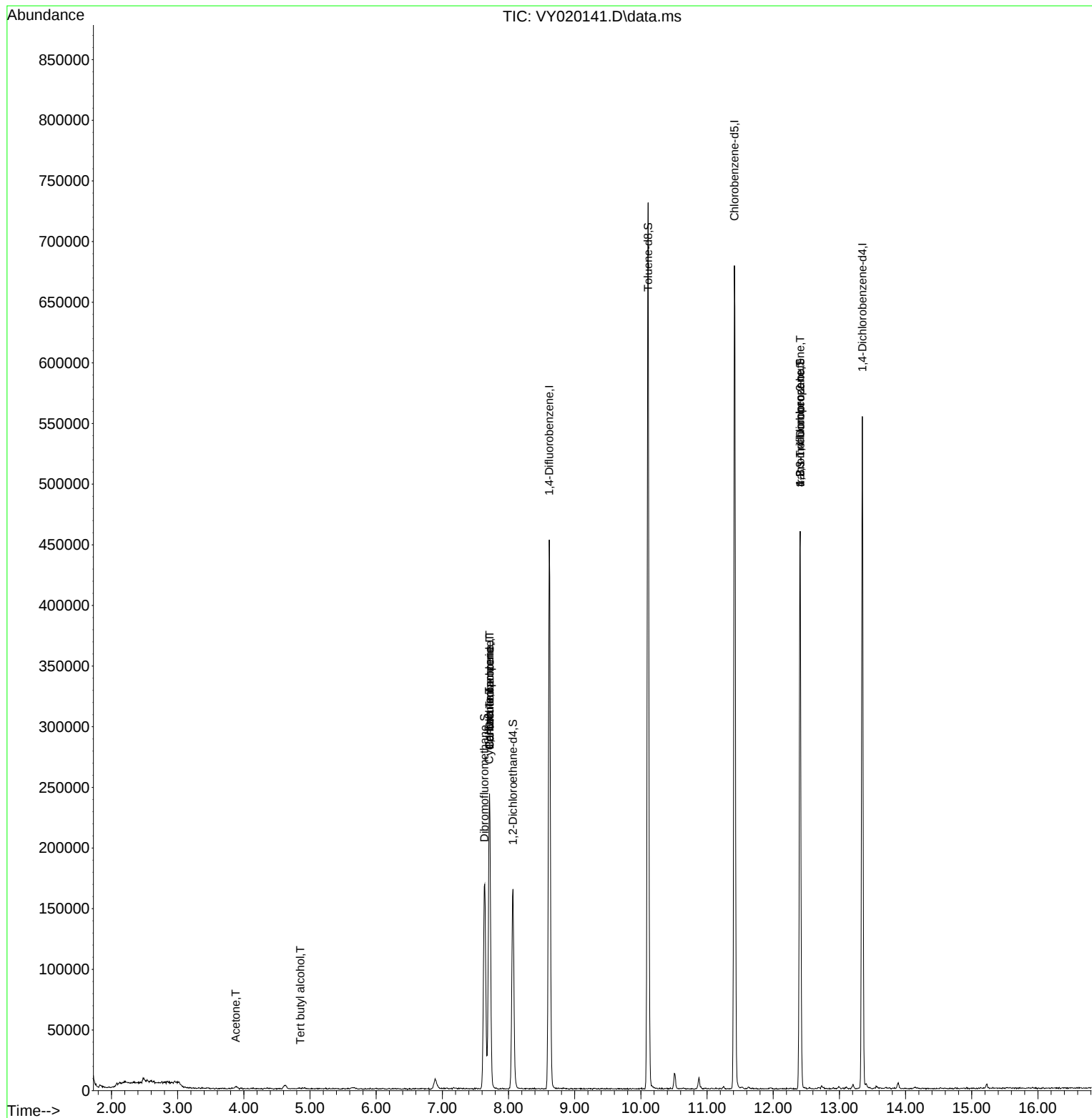
Internal Standards						
1) Pentafluorobenzene	7.713	168	171889	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	354571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	329986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	119248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	126189	58.821	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.640%	
35) Dibromofluoromethane	7.634	113	120654	53.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.040%	
50) Toluene-d8	10.109	98	443158	49.386	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.780%	
62) 4-Bromofluorobenzene	12.408	95	134003	45.976	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 91.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	243	1.575	ug/l	# 41
16) Acetone	3.879	43	3160	6.334	ug/l	98
31) Cyclohexane	7.707	56	4890	1.256	ug/l	# 36
36) 1,1-Dichloropropene	7.713	75	17120	4.916	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	19633	5.606	ug/l	# 15
76) 1,2,3-Trichloropropane	12.408	75	79269	70.914	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	79269	152.533	ug/l	# 16

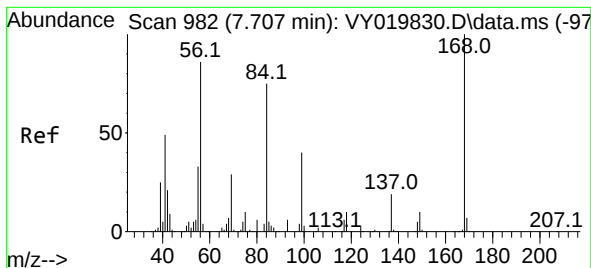
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 9

Delta R.T. 0.006 min

Lab File: VY020141.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_Y

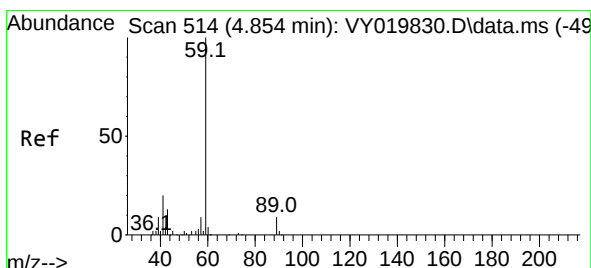
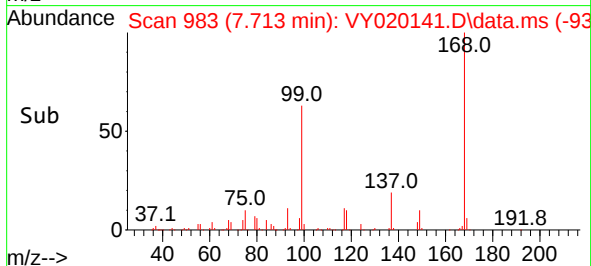
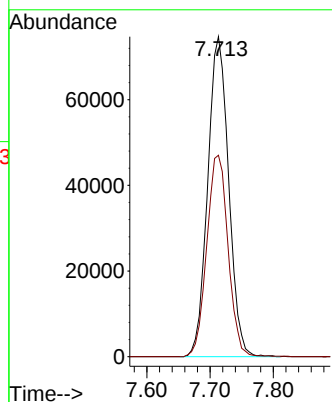
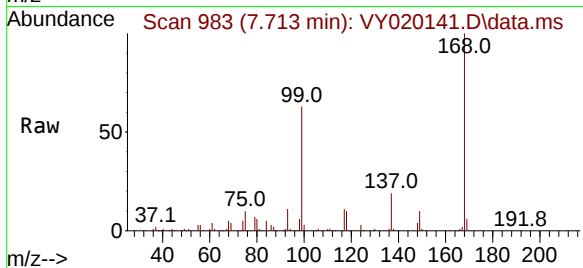
ClientSampleId :

Tgt Ion:168 Resp: 171889

Ion Ratio Lower Upper

168 100

99 63.0 39.1 58.7#



#11

Tert butyl alcohol

Concen: 1.575 ug/l

RT: 4.854 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY020141.D

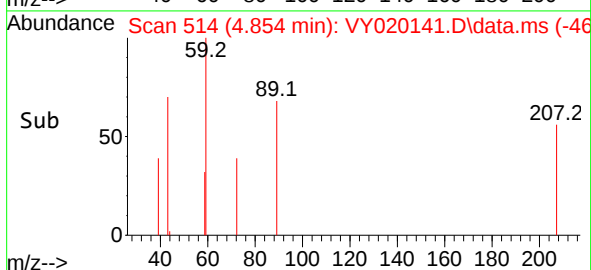
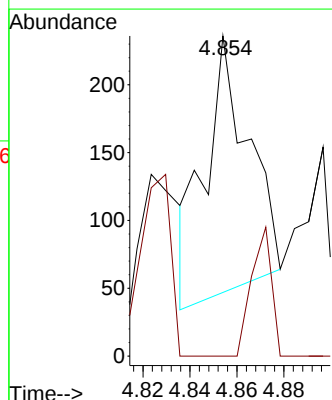
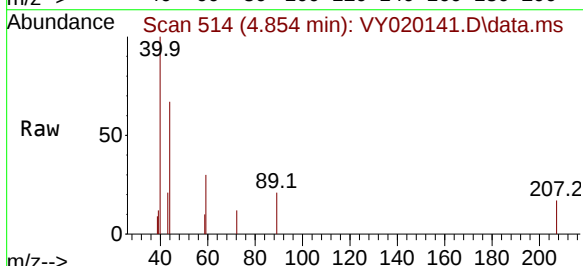
Acq: 04 Nov 2024 14:36

Tgt Ion: 59 Resp: 243

Ion Ratio Lower Upper

59 100

57 23.0 3.0 4.6#





#16

Acetone

Concen: 6.334 ug/l

RT: 3.879 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY020141.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_Y

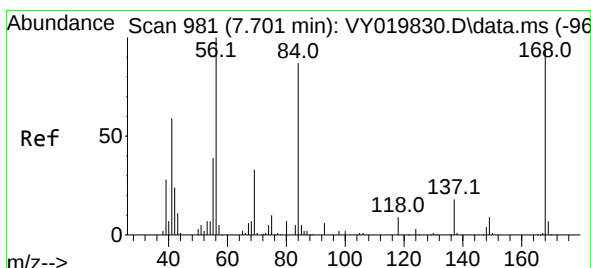
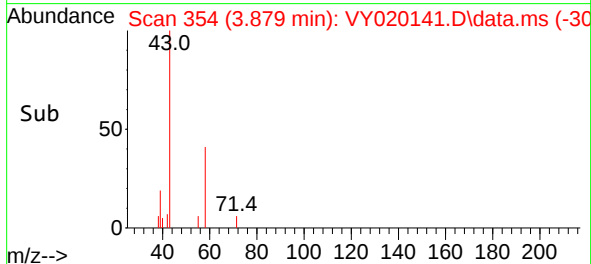
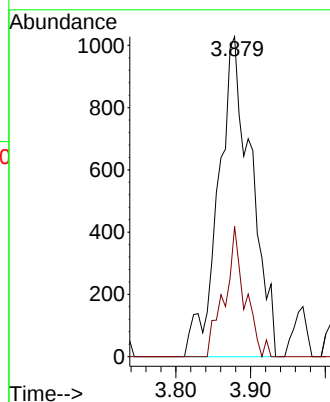
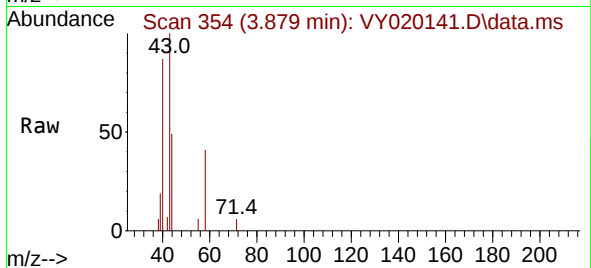
ClientSampleId :

Tgt Ion: 43 Resp: 3160

Ion Ratio Lower Upper

43 100

58 40.8 31.7 47.5



#31

Cyclohexane

Concen: 1.256 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY020141.D

Acq: 04 Nov 2024 14:36

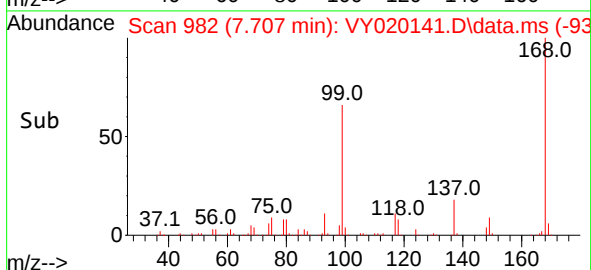
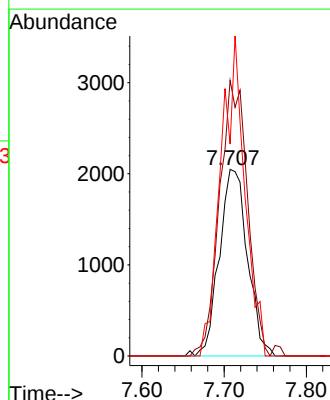
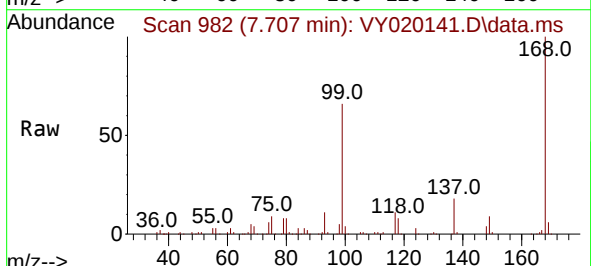
Tgt Ion: 56 Resp: 4890

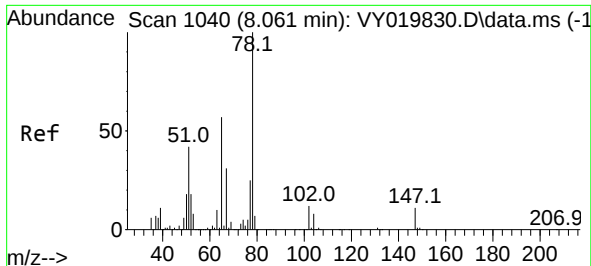
Ion Ratio Lower Upper

56 100

69 147.7 28.7 43.1#

84 113.6 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 58.821 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.006 min

Lab File: VY020141.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_Y

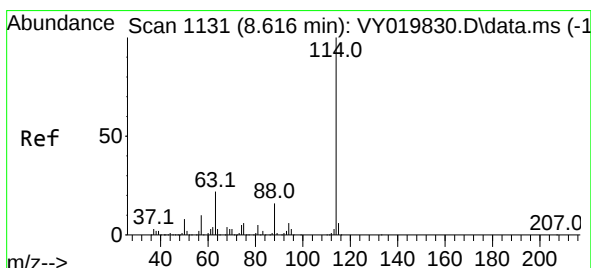
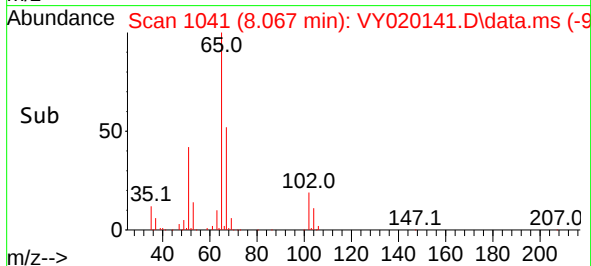
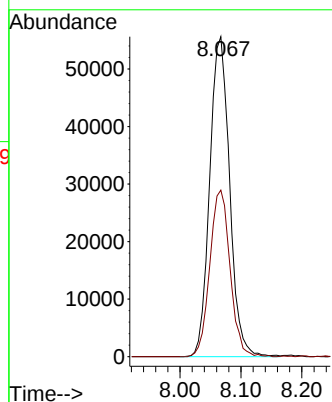
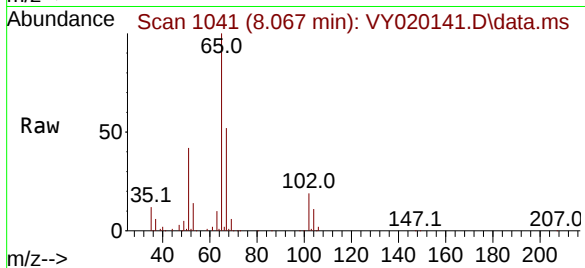
ClientSampleId :

Tgt Ion: 65 Resp: 126189

Ion Ratio Lower Upper

65 100

67 53.0 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: VY020141.D

Acq: 04 Nov 2024 14:36

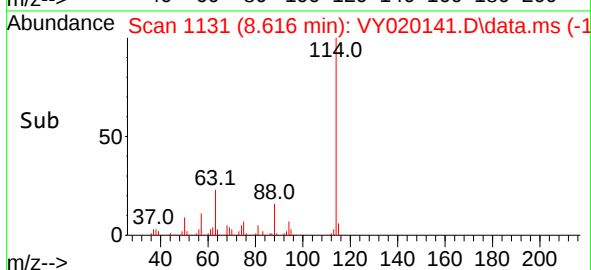
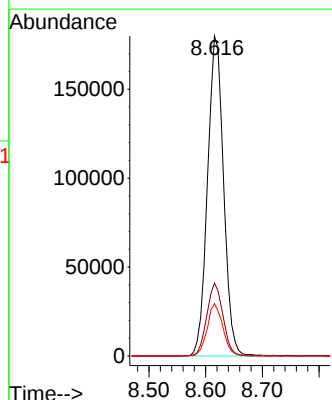
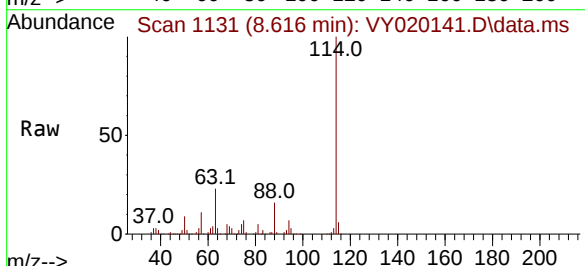
Tgt Ion: 114 Resp: 354571

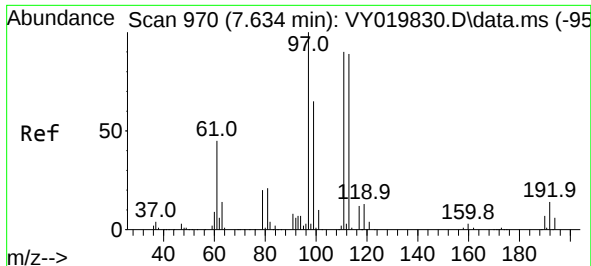
Ion Ratio Lower Upper

114 100

63 22.8 0.0 35.0

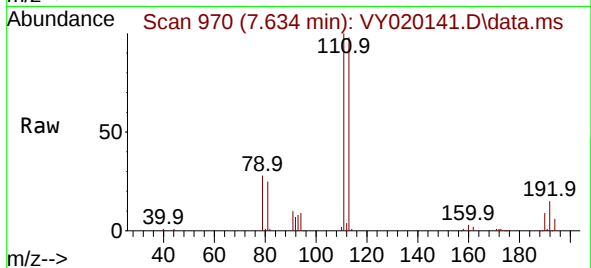
88 16.4 0.0 27.2



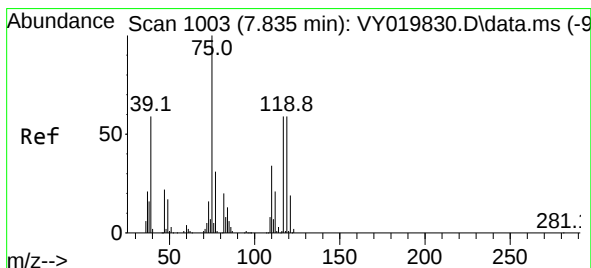
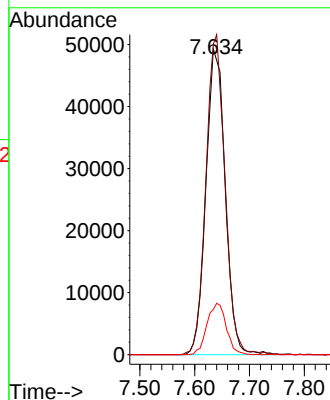
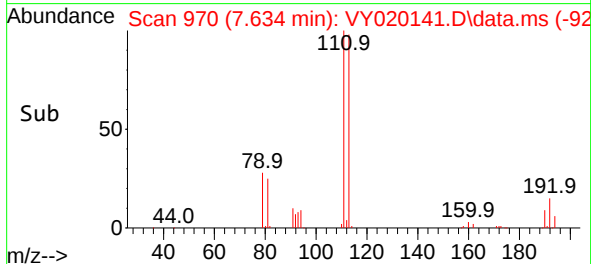


#35
Dibromofluoromethane
Concen: 53.521 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020141.D
Acq: 04 Nov 2024 14:36

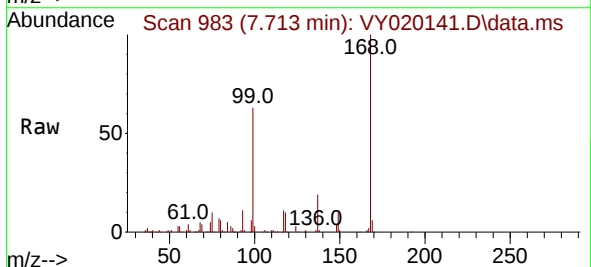
Instrument :
MSVOA_Y
ClientSampleId :



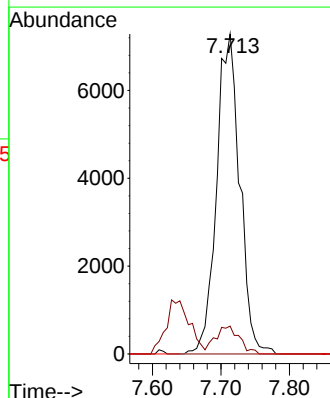
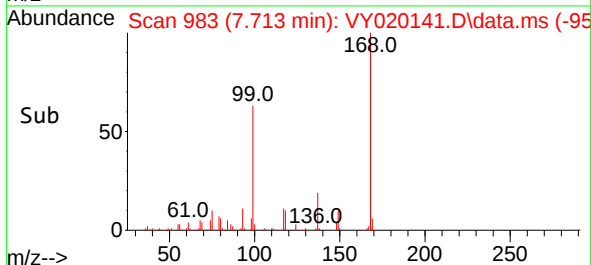
Tgt Ion:113 Resp: 120654
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 16.8 15.9 23.9

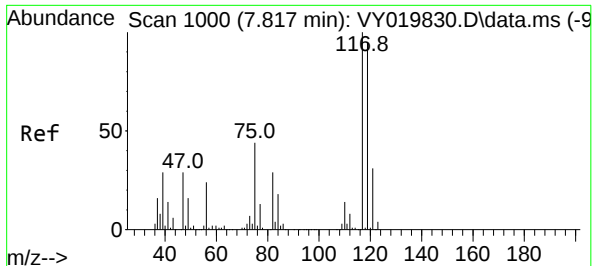


#36
1,1-Dichloropropene
Concen: 4.916 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY020141.D
Acq: 04 Nov 2024 14:36



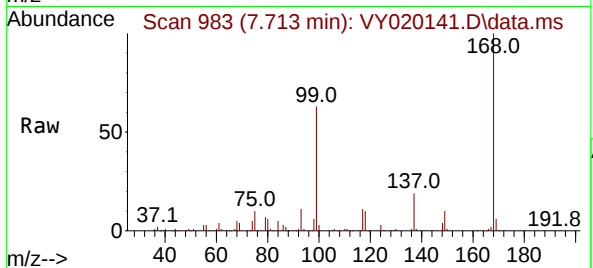
Tgt Ion: 75 Resp: 17120
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.0 25.3 37.9#



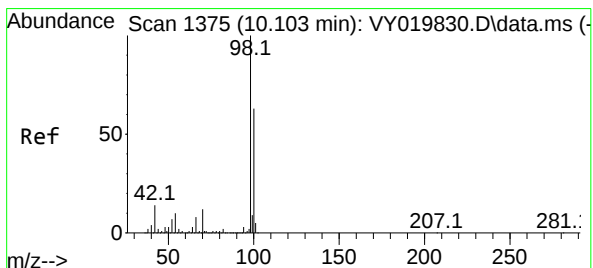
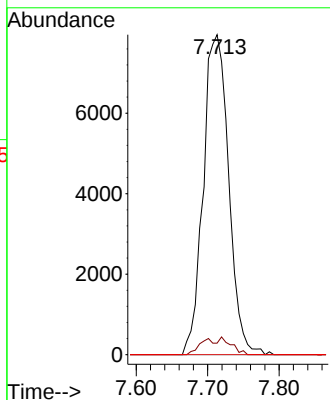
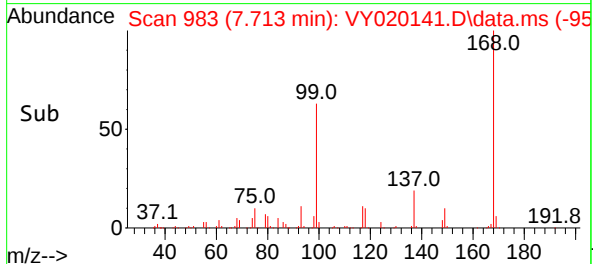


#38
Carbon Tetrachloride
Concen: 5.606 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020141.D
Acq: 04 Nov 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :

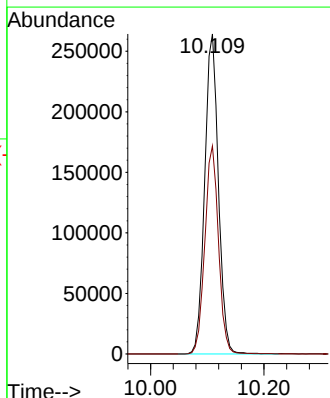
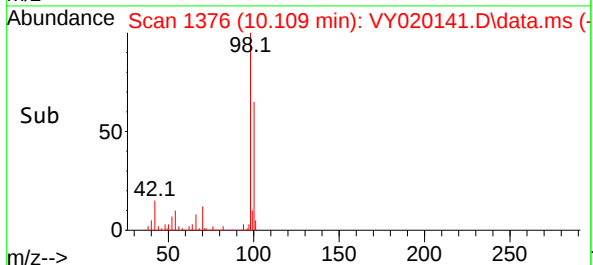
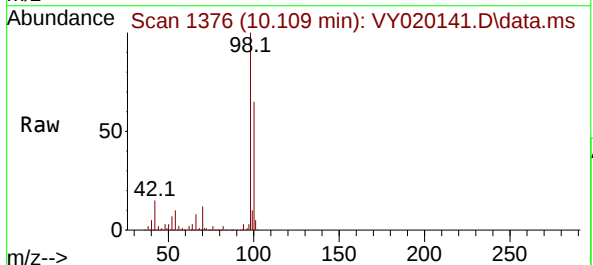


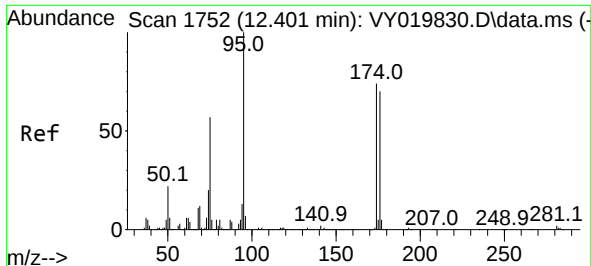
Tgt Ion:117 Resp: 19633
Ion Ratio Lower Upper
117 100
119 3.6 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.386 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020141.D
Acq: 04 Nov 2024 14:36

Tgt Ion: 98 Resp: 443158
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 45.976 ug/l

RT: 12.408 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020141.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

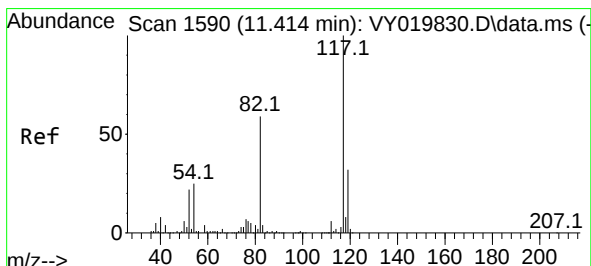
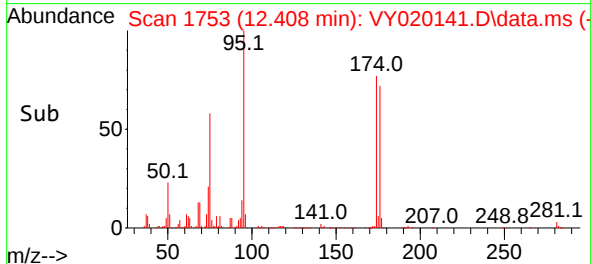
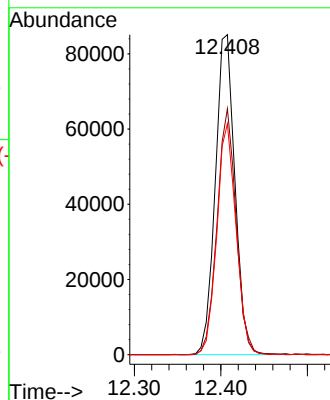
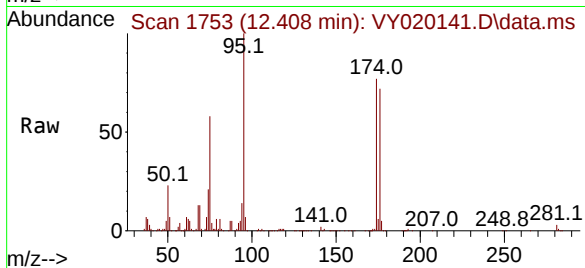
Tgt Ion: 95 Resp: 134003

Ion Ratio Lower Upper

95 100

174 74.6 0.0 175.6

176 70.5 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: VY020141.D

Acq: 04 Nov 2024 14:36

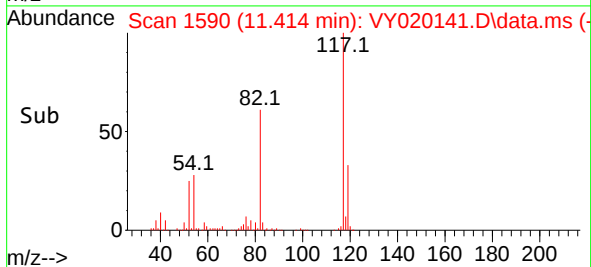
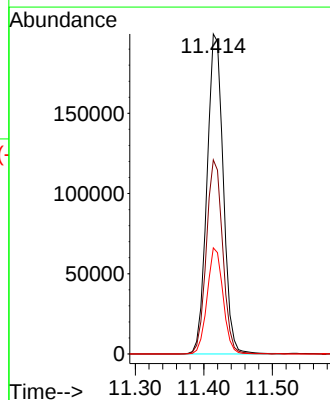
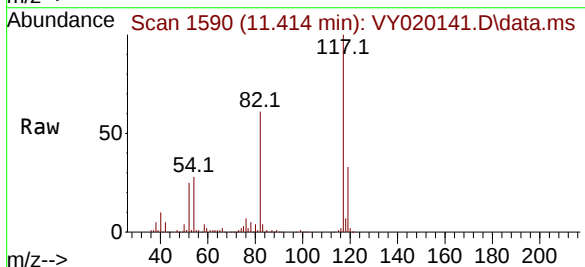
Tgt Ion: 117 Resp: 329986

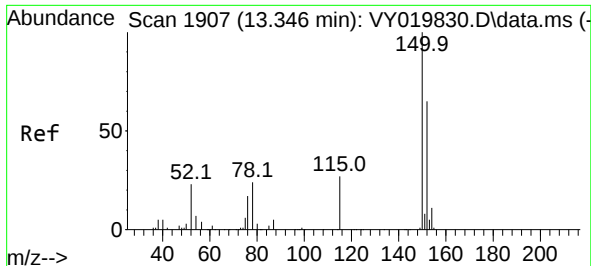
Ion Ratio Lower Upper

117 100

82 60.7 42.4 63.6

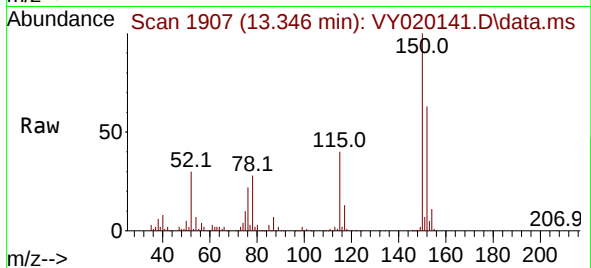
119 33.2 25.9 38.9



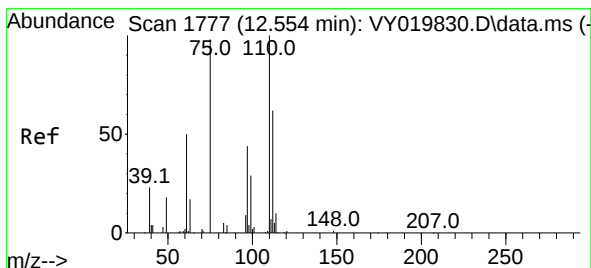
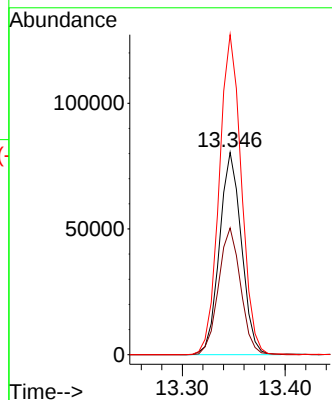
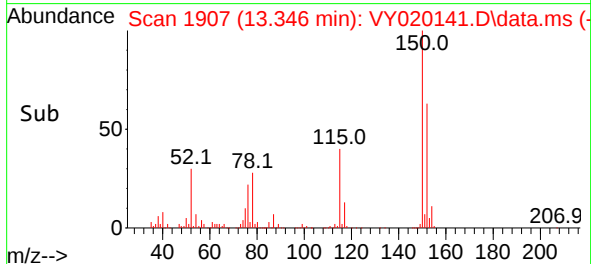


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020141.D
Acq: 04 Nov 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :

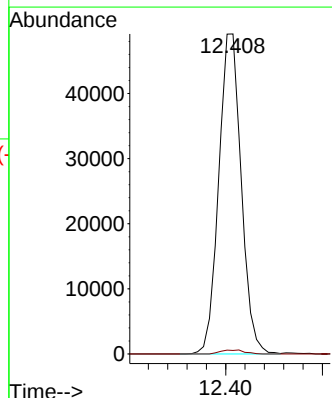
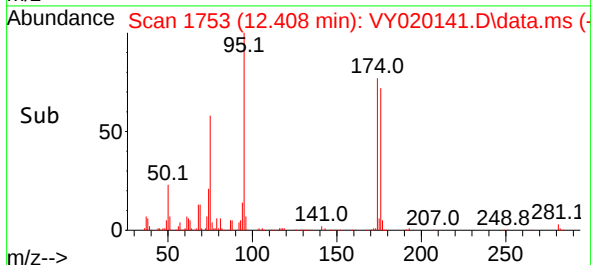
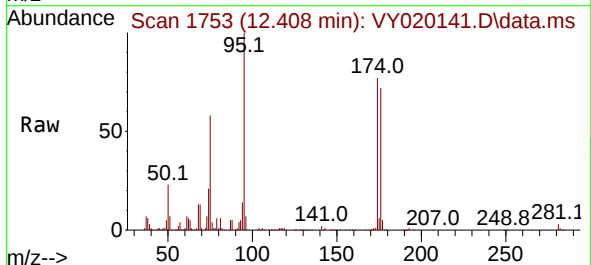


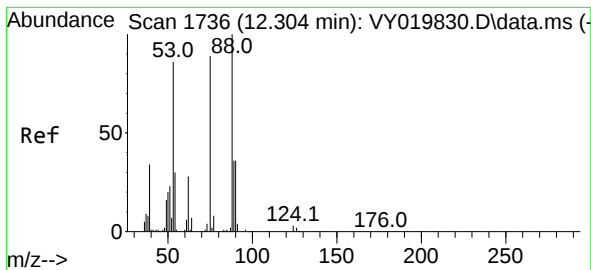
Tgt Ion:152 Resp: 119248
Ion Ratio Lower Upper
152 100
115 63.0 28.2 84.7
150 159.7 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 70.914 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020141.D
Acq: 04 Nov 2024 14:36

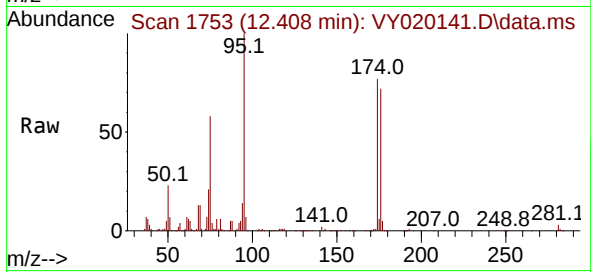
Tgt Ion: 75 Resp: 79269
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 152.533 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020141.D
Acq: 04 Nov 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 79269
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

