

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020124.D
 Acq On : 01 Nov 2024 17:07
 Operator : SY/MD
 Sample : P4633-07
 Misc : 6.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 04 00:50:02 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)

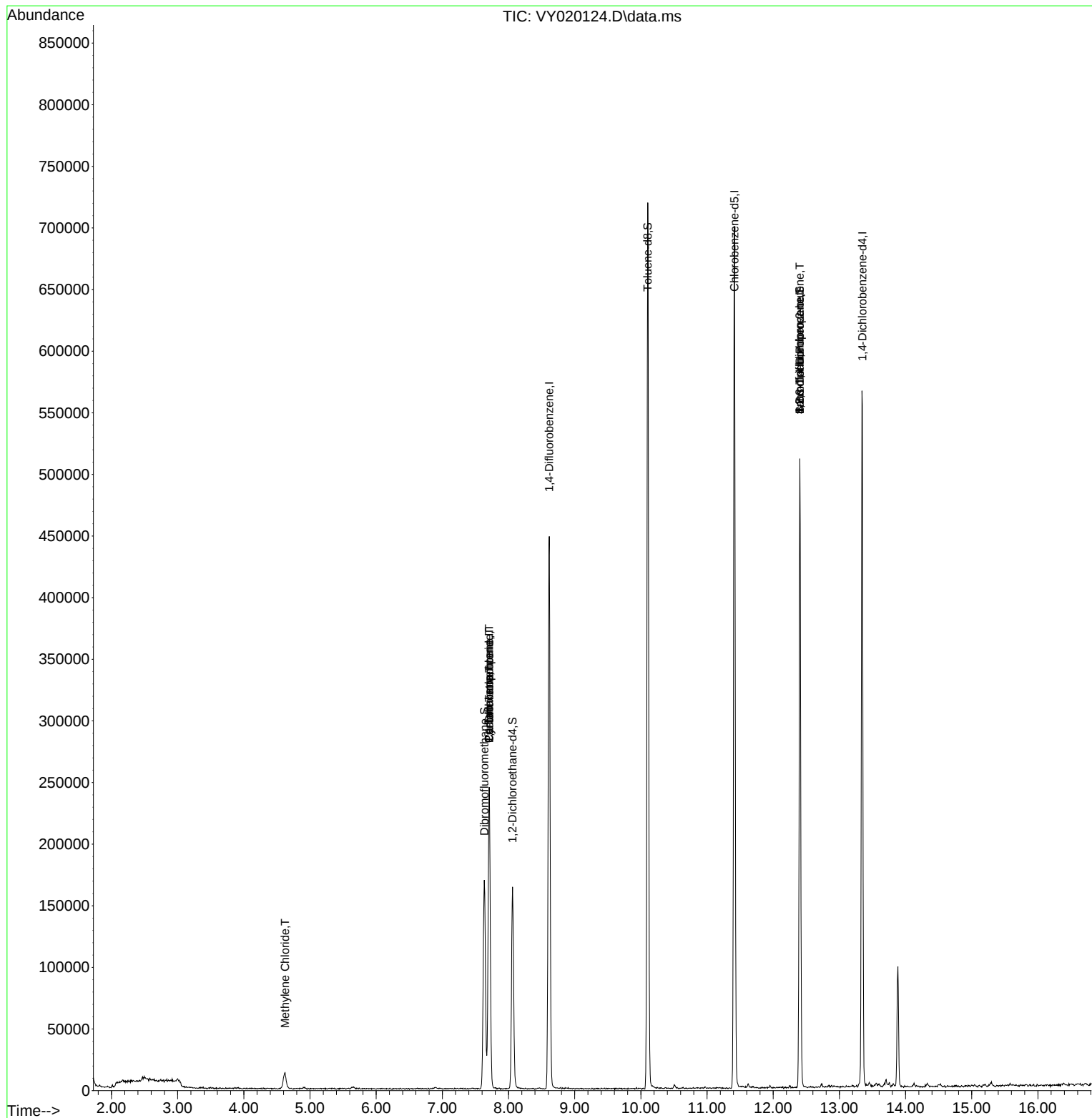
Internal Standards						
1) Pentafluorobenzene	7.707	168	168827	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	353605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	335031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	125105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	126365	59.972	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.940%	
35) Dibromofluoromethane	7.634	113	119345	53.085	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.160%	
50) Toluene-d8	10.103	98	446124	49.852	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.700%	
62) 4-Bromofluorobenzene	12.401	95	141456	48.665	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.340%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.622	84	9171	4.166	ug/l	# 82
31) Cyclohexane	7.707	56	5318	1.391	ug/l	# 44
36) 1,1-Dichloropropene	7.707	75	16317	4.698	ug/l	# 49
38) Carbon Tetrachloride	7.707	117	18906	5.414	ug/l	# 15
71) Bromoform	12.401	173	1360	1.162	ug/l	# 1
76) 1,2,3-Trichloropropane	12.401	75	85377	72.802	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	85377	156.595	ug/l	# 16

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

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Quant Time: Nov 04 00:50:02 2024
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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

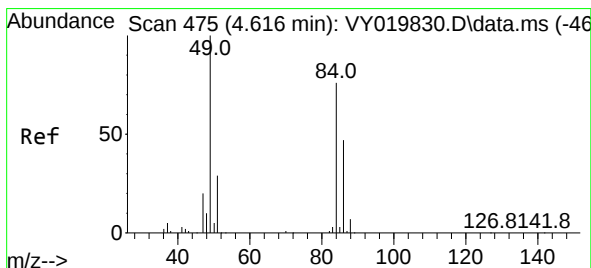
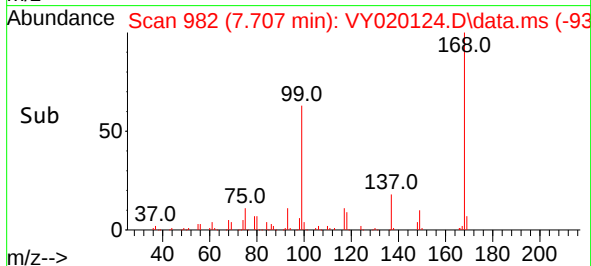
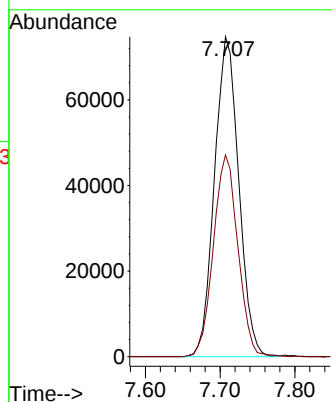
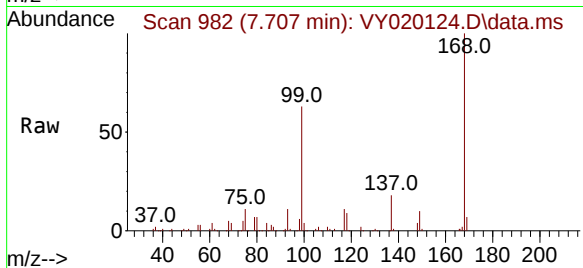




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020124.D
Acq: 01 Nov 2024 17:07

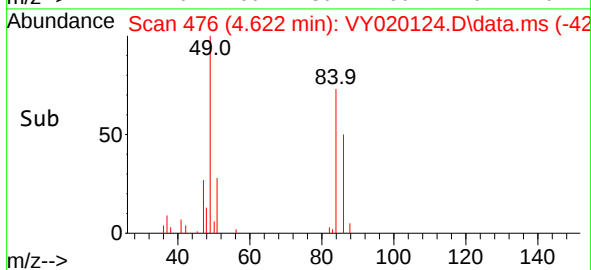
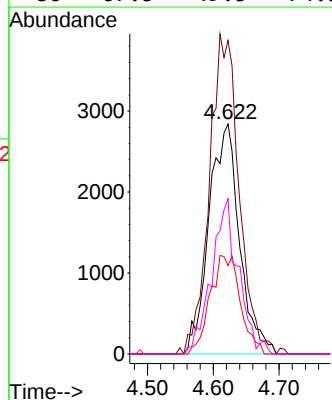
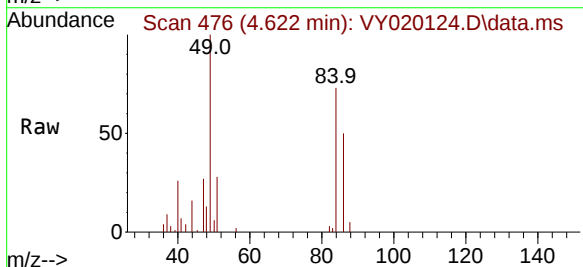
Instrument :
MSVOA_Y
ClientSampleId :

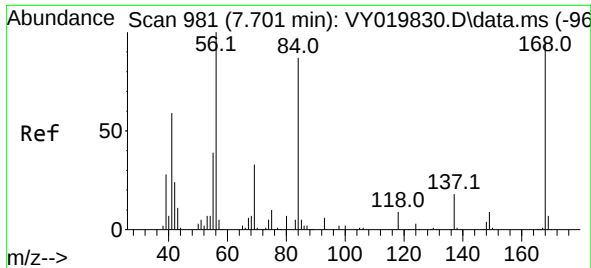
Tgt Ion:168 Resp: 168827
Ion Ratio Lower Upper
168 100
99 63.1 39.1 58.7#



#20
Methylene Chloride
Concen: 4.166 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020124.D
Acq: 01 Nov 2024 17:07

Tgt Ion: 84 Resp: 9171
Ion Ratio Lower Upper
84 100
49 133.8 84.4 126.6#
51 38.4 26.0 39.0
86 67.5 49.5 74.3

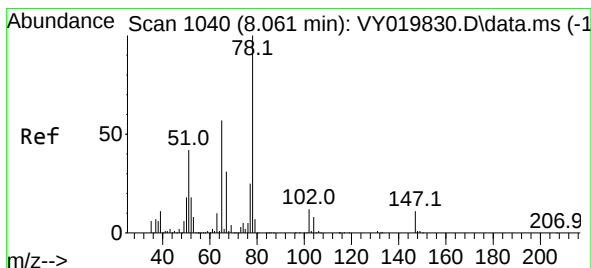
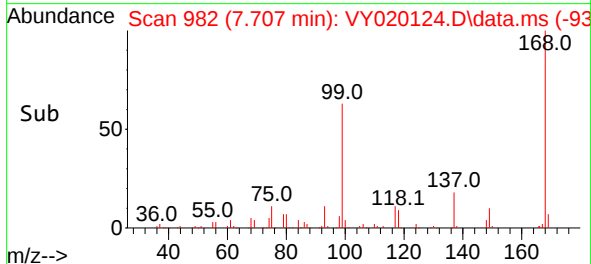
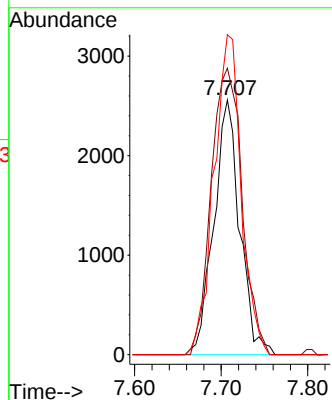
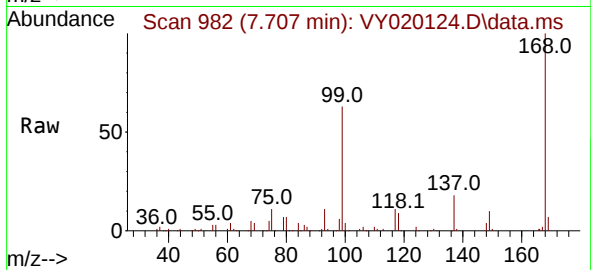




#31
Cyclohexane
Concen: 1.391 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020124.D
Acq: 01 Nov 2024 17:07

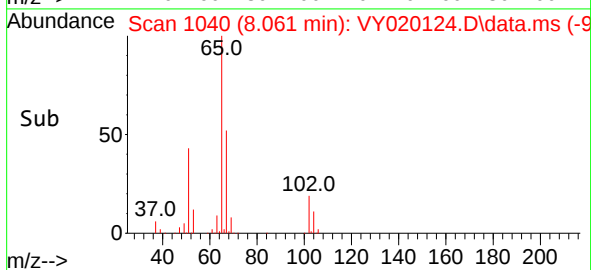
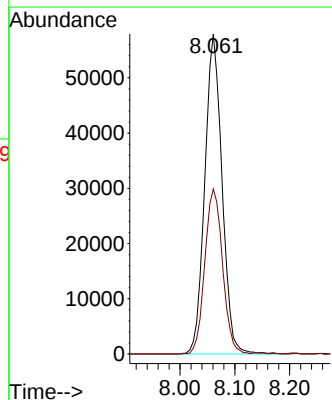
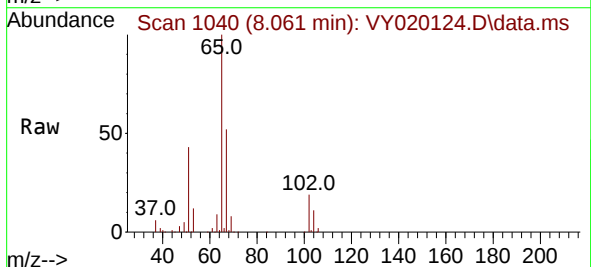
Instrument :
MSVOA_Y
ClientSampleId :

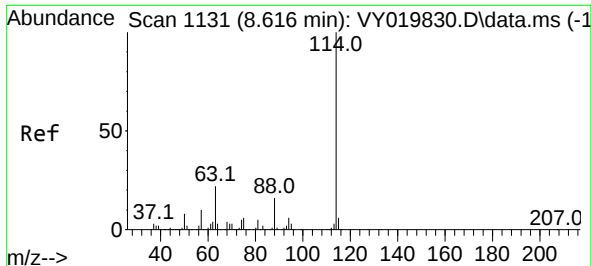
Tgt Ion: 56 Resp: 5318
Ion Ratio Lower Upper
56 100
69 112.5 28.7 43.1#
84 125.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 59.972 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020124.D
Acq: 01 Nov 2024 17:07

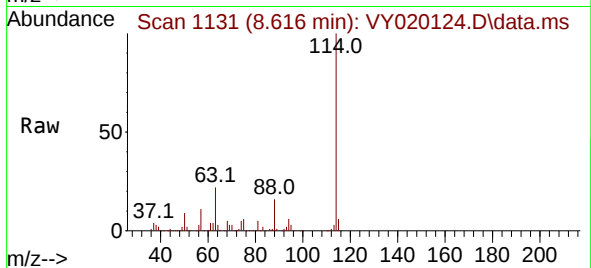
Tgt Ion: 65 Resp: 126365
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.6



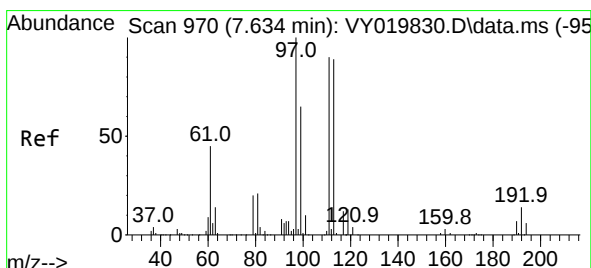
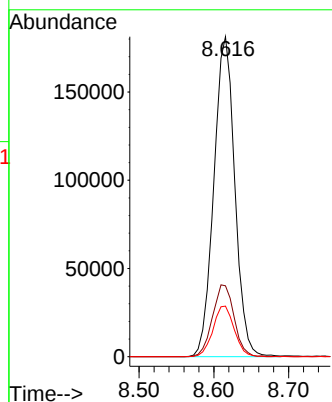
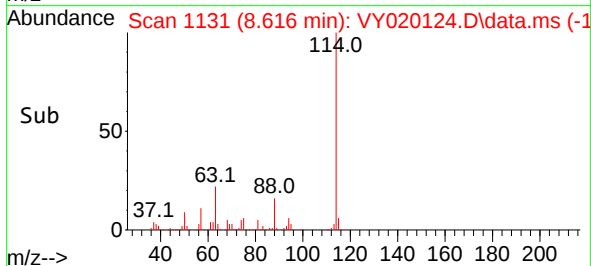


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020124.D
Acq: 01 Nov 2024 17:07

Instrument :
MSVOA_Y
ClientSampleId :

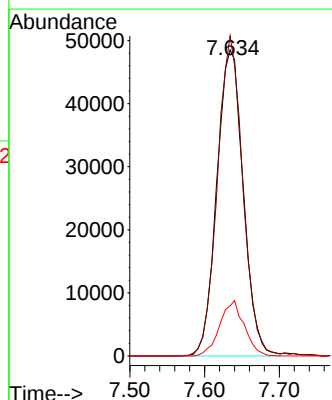
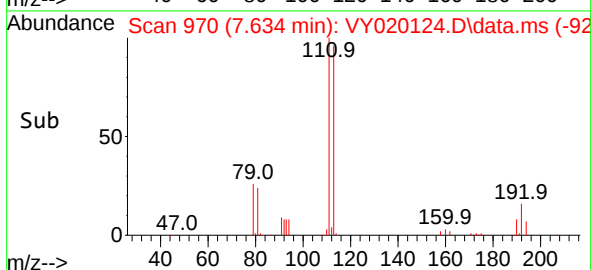
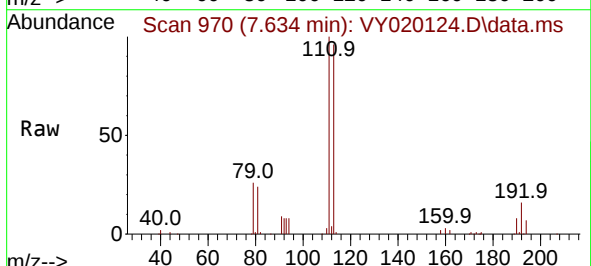


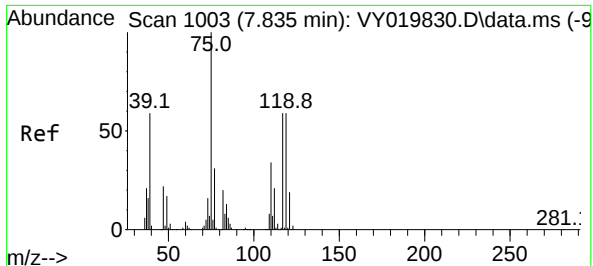
Tgt Ion:114 Resp: 353605
Ion Ratio Lower Upper
114 100
63 22.2 0.0 35.0
88 15.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 53.085 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020124.D
Acq: 01 Nov 2024 17:07

Tgt Ion:113 Resp: 119345
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 16.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.698 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY020124.D

Acq: 01 Nov 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :

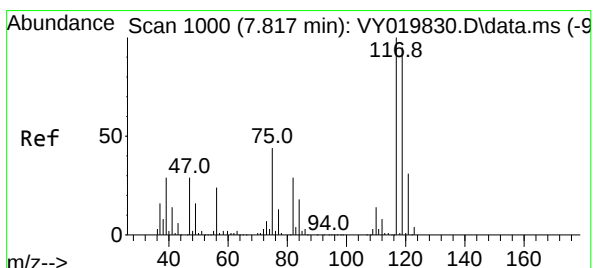
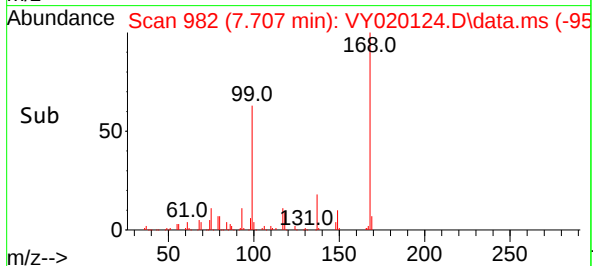
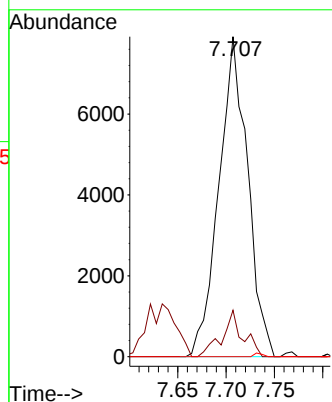
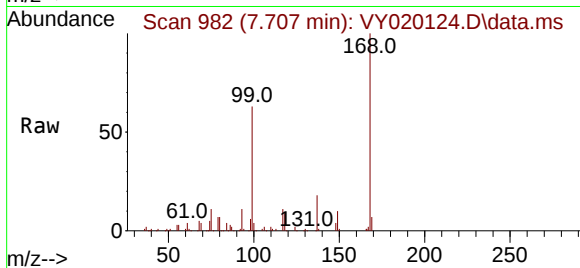
Tgt Ion: 75 Resp: 16317

Ion Ratio Lower Upper

75 100

110 10.4 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.414 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY020124.D

Acq: 01 Nov 2024 17:07

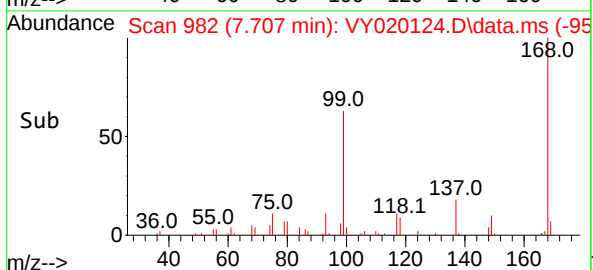
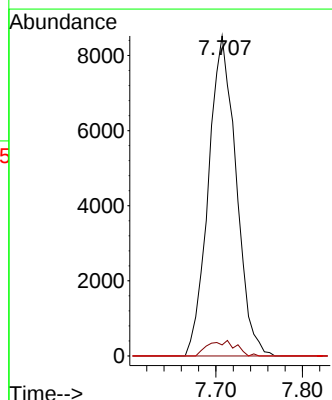
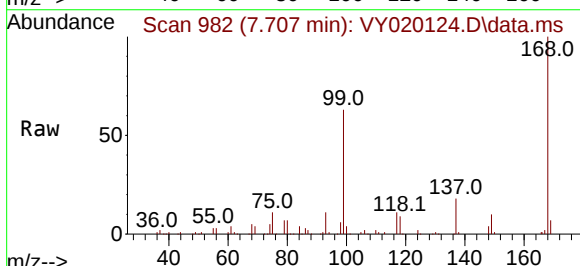
Tgt Ion: 117 Resp: 18906

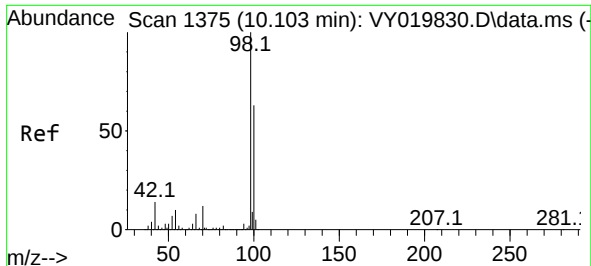
Ion Ratio Lower Upper

117 100

119 3.5 75.8 113.6#

121 0.0 24.0 36.0#

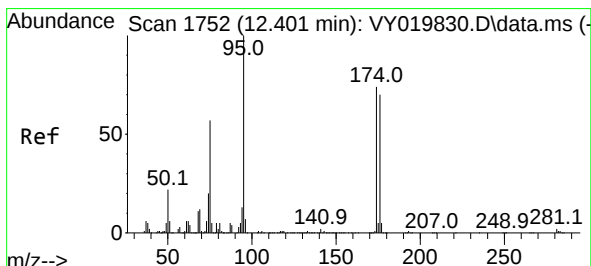
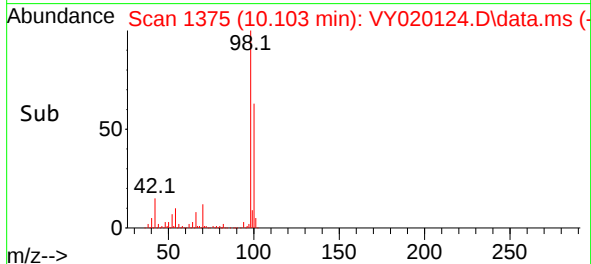
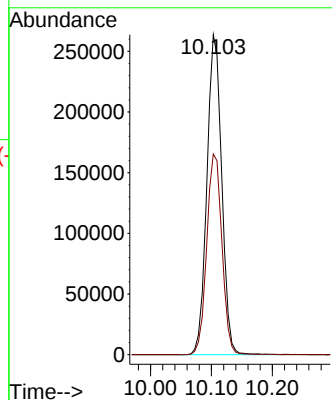
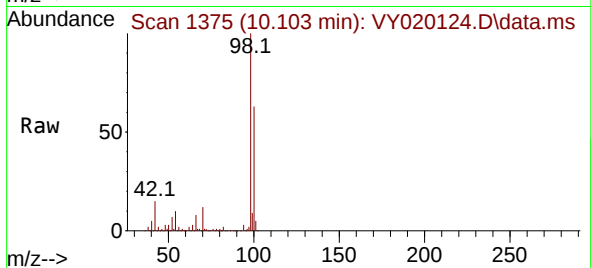




#50
Toluene-d8
Concen: 49.852 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020124.D
Acq: 01 Nov 2024 17:07

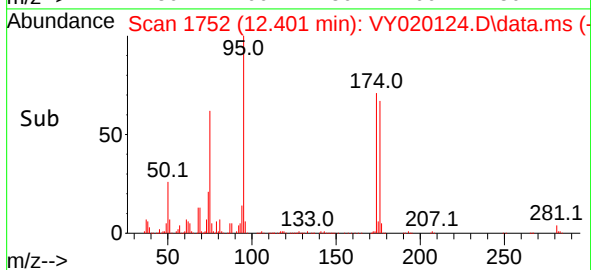
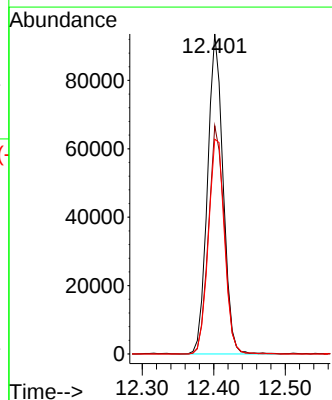
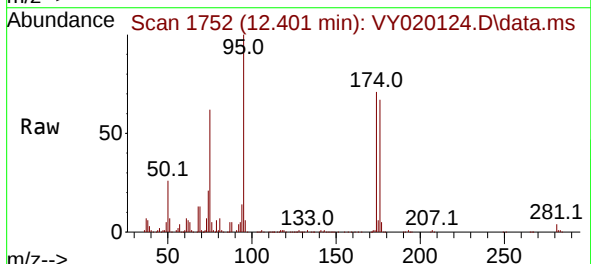
Instrument :
MSVOA_Y
ClientSampleId :

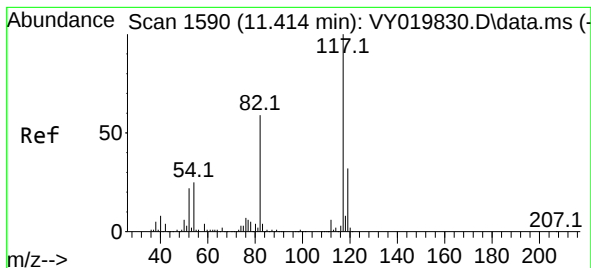
Tgt Ion: 98 Resp: 446124
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.665 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020124.D
Acq: 01 Nov 2024 17:07

Tgt Ion: 95 Resp: 141456
Ion Ratio Lower Upper
95 100
174 72.3 0.0 175.6
176 69.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020124.D

Acq: 01 Nov 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :

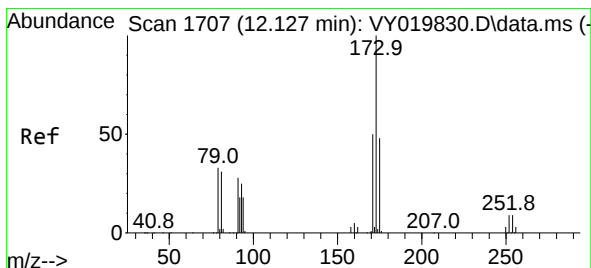
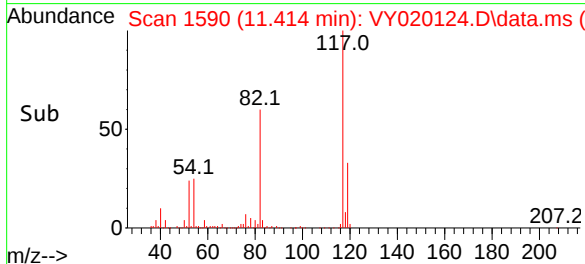
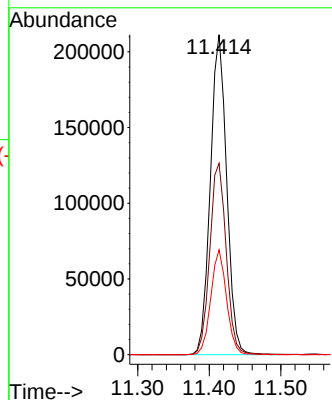
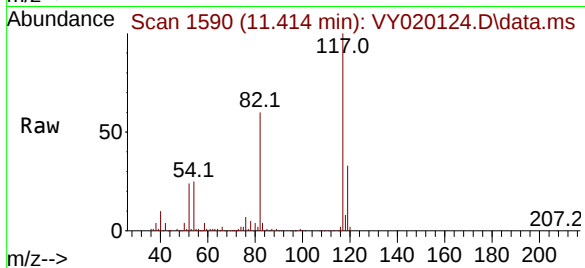
Tgt Ion:117 Resp: 335031

Ion Ratio Lower Upper

117 100

82 59.8 42.4 63.6

119 32.8 25.9 38.9



#71

Bromoform

Concen: 1.162 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.269 min

Lab File: VY020124.D

Acq: 01 Nov 2024 17:07

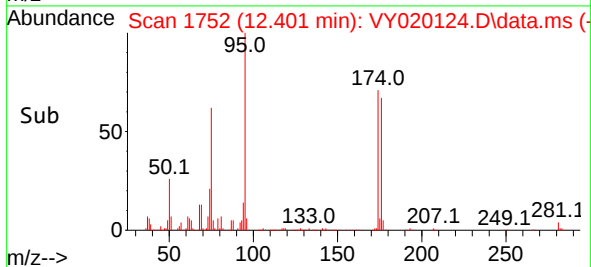
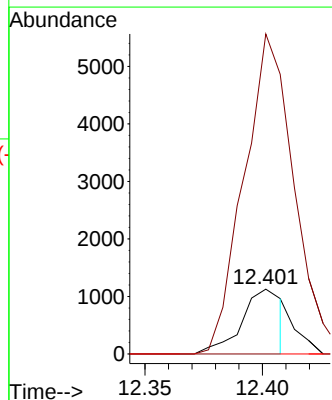
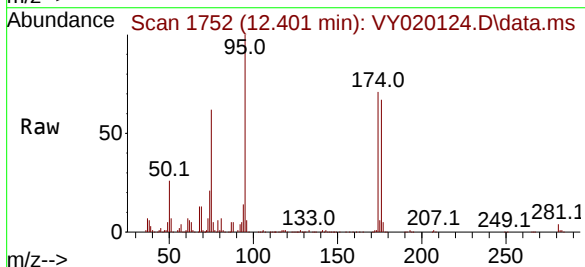
Tgt Ion:173 Resp: 1360

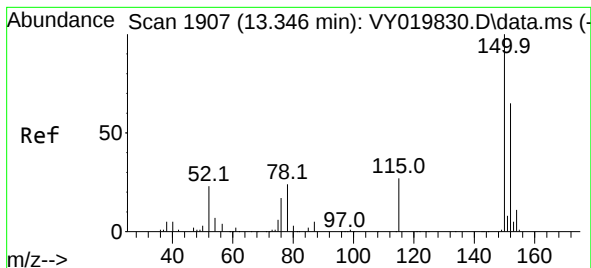
Ion Ratio Lower Upper

173 100

175 472.3 25.1 75.3#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020124.D

Acq: 01 Nov 2024 17:07

Instrument :

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ClientSampleId :

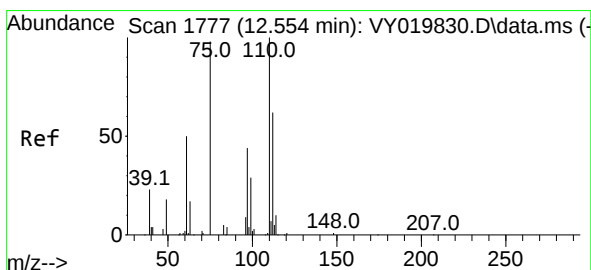
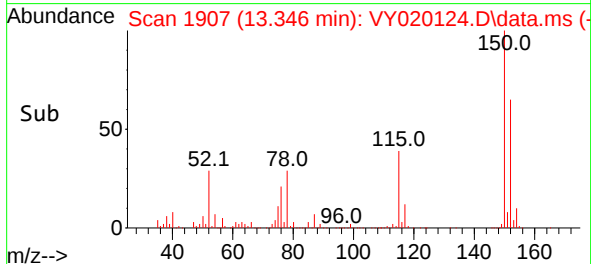
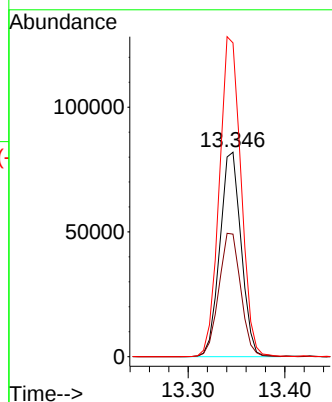
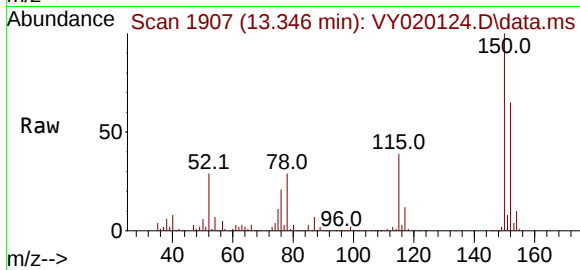
Tgt Ion:152 Resp: 125105

Ion Ratio Lower Upper

152 100

115 62.1 28.2 84.7

150 159.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 72.802 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY020124.D

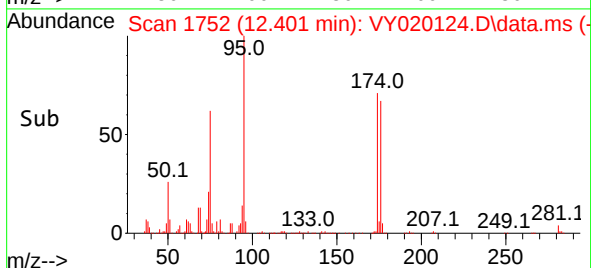
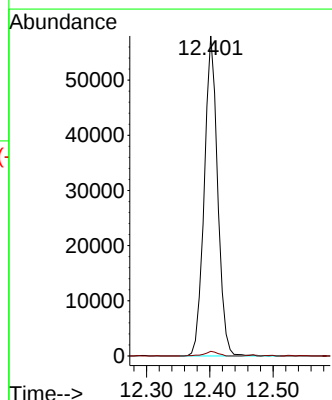
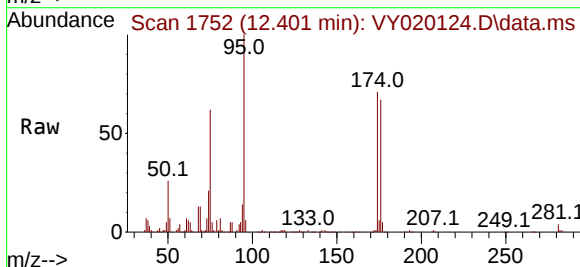
Acq: 01 Nov 2024 17:07

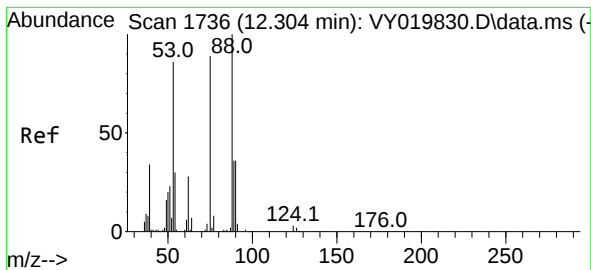
Tgt Ion: 75 Resp: 85377

Ion Ratio Lower Upper

75 100

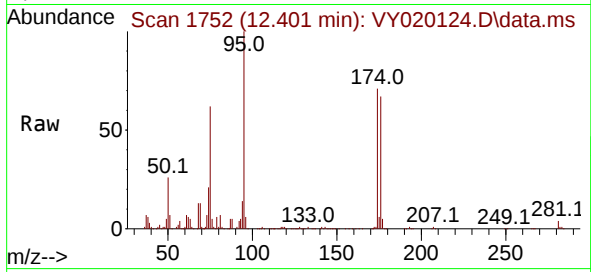
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 156.595 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020124.D
 Acq: 01 Nov 2024 17:07

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 85377
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

