

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
 Data File : VY020230.D
 Acq On : 08 Nov 2024 14:02
 Operator : SY/MD
 Sample : P4722-01
 Misc : 10.39g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 22:18:23 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)

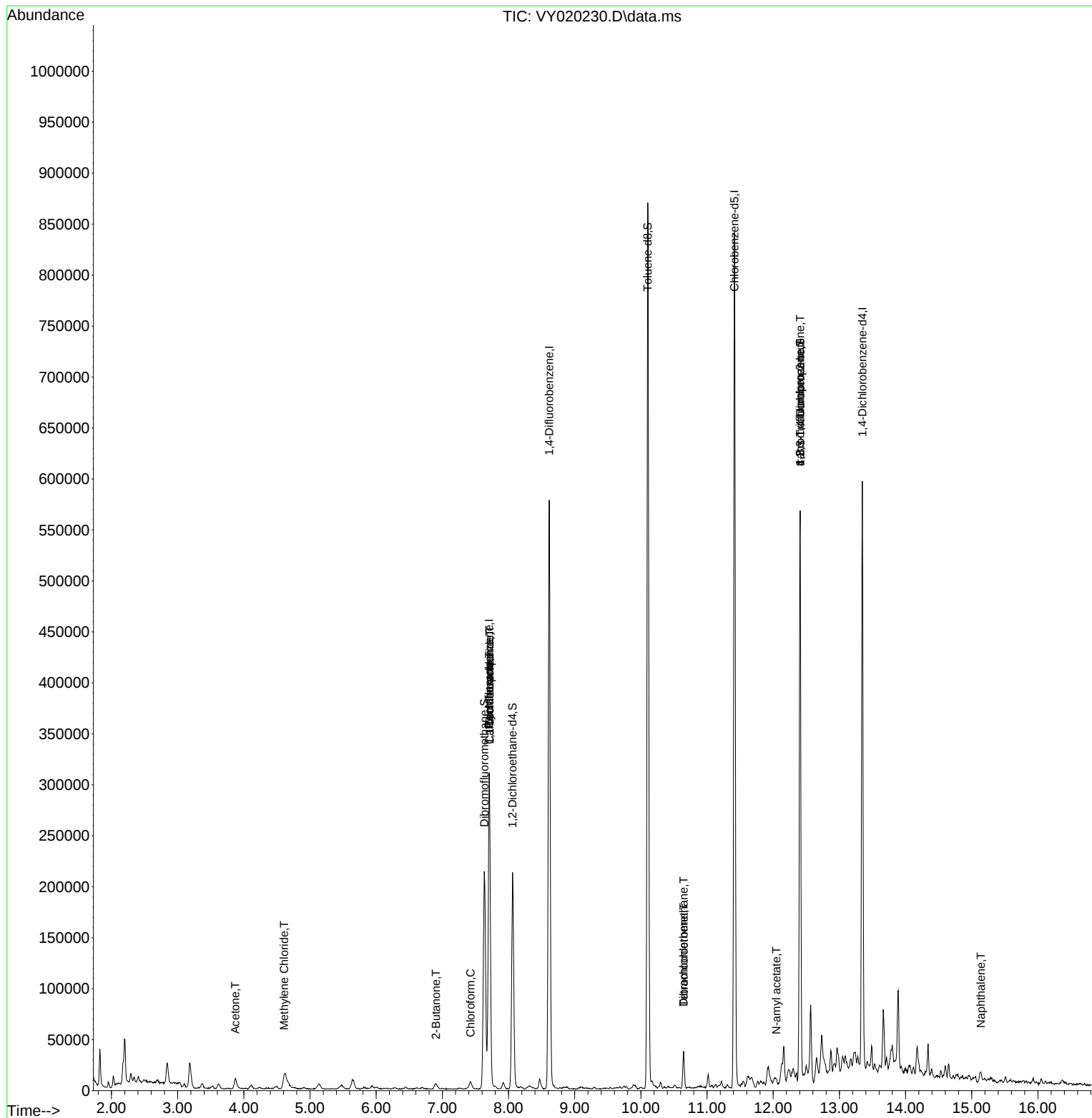
Internal Standards						
1) Pentafluorobenzene	7.707	168	209744	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	444878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	397795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	127098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	159975	61.112	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.220%	
35) Dibromofluoromethane	7.634	113	148294	52.428	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.860%	
50) Toluene-d8	10.103	98	550182	48.867	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.740%	
62) 4-Bromofluorobenzene	12.408	95	159777	43.691	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.380%	
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	17678	29.039	ug/l	# 84
20) Methylene Chloride	4.610	84	10151	3.712	ug/l	89
25) 2-Butanone	6.903	43	8035	9.737	ug/l	# 79
30) Chloroform	7.427	83	6195	1.272	ug/l	88
31) Cyclohexane	7.707	56	8077	1.700	ug/l	# 57
36) 1,1-Dichloropropene	7.713	75	20978	4.801	ug/l	# 47
38) Carbon Tetrachloride	7.713	117	24254	5.520	ug/l	# 18
60) Dibromochloromethane	10.646	129	5996	2.288	ug/l	# 10
64) Tetrachloroethene	10.646	164	6464	2.461	ug/l	94
74) N-amyl acetate	12.048	43	2660	1.048	ug/l	# 45
76) 1,2,3-Trichloropropane	12.408	75	95048	79.778	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	95048	171.599	ug/l	# 16
95) Naphthalene	15.139	128	5161	1.417	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

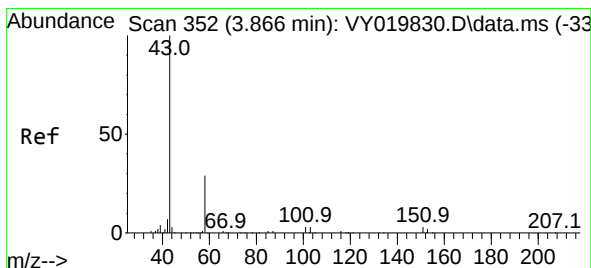
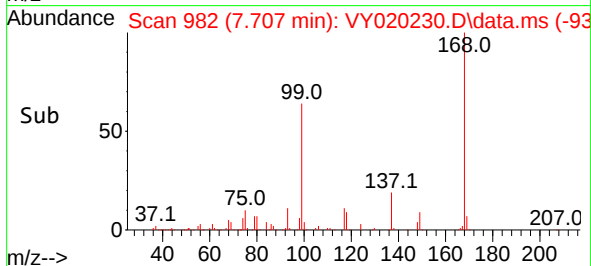
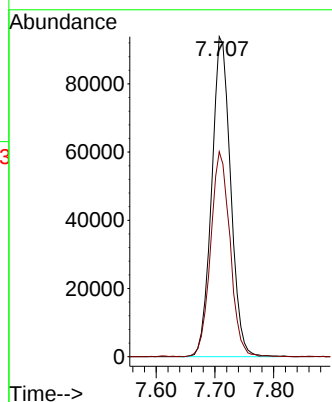
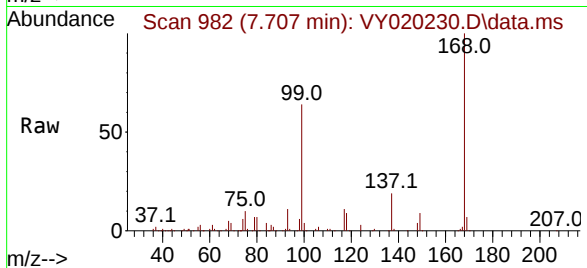




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

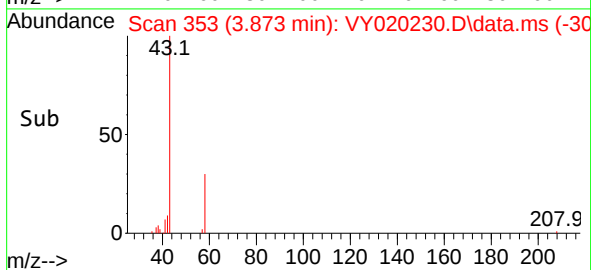
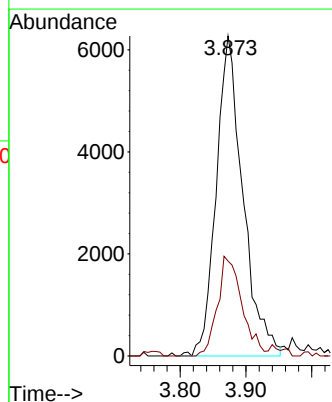
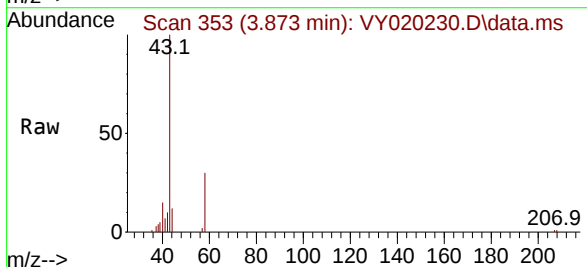
Instrument :
MSVOA_Y
ClientSampleId :

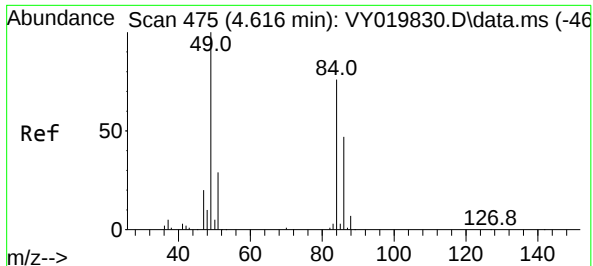
Tgt Ion:168 Resp: 209744
Ion Ratio Lower Upper
168 100
99 64.0 39.1 58.7#



#16
Acetone
Concen: 29.039 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

Tgt Ion: 43 Resp: 17678
Ion Ratio Lower Upper
43 100
58 29.6 31.7 47.5#

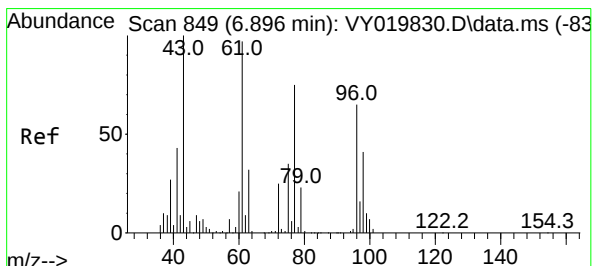
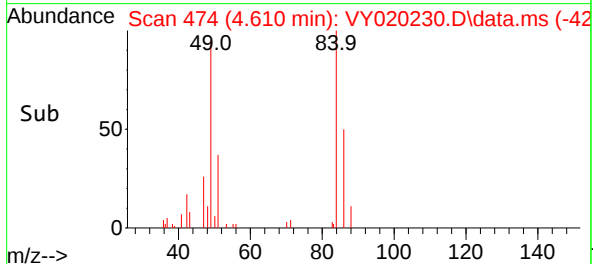
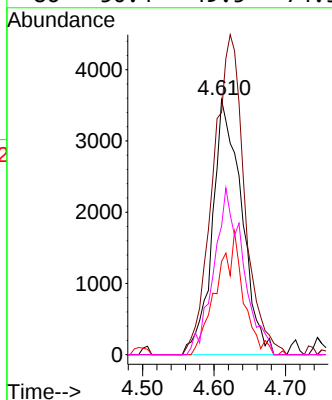
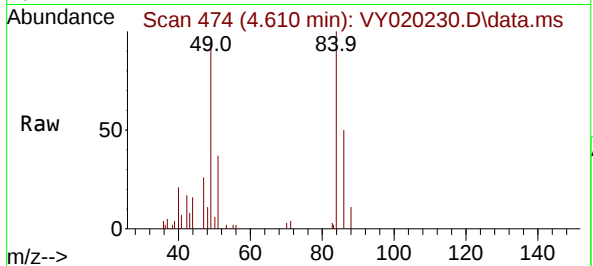




#20
Methylene Chloride
Concen: 3.712 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

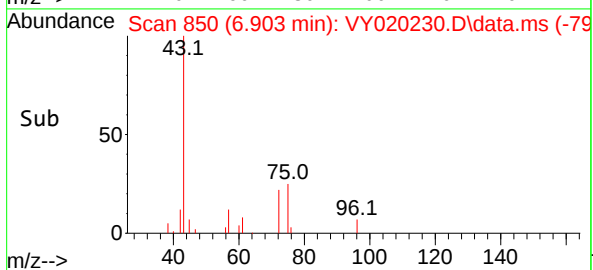
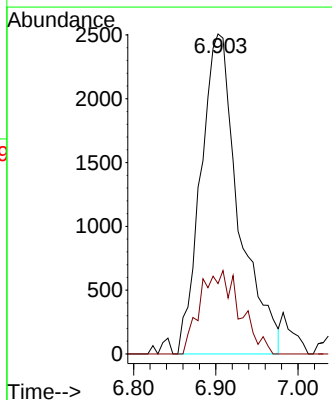
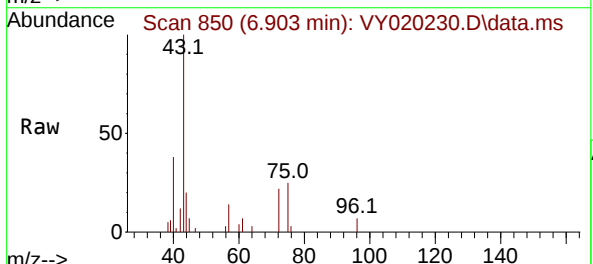
Instrument :
MSVOA_Y
ClientSampleId :

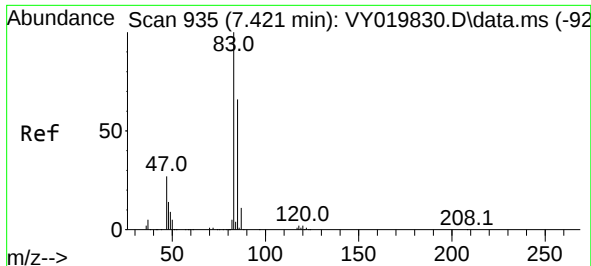
Tgt Ion:	84	Resp:	10151
Ion	Ratio	Lower	Upper
84	100		
49	95.1	84.4	126.6
51	36.6	26.0	39.0
86	50.4	49.5	74.3



#25
2-Butanone
Concen: 9.737 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.013 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

Tgt Ion:	43	Resp:	8035
Ion	Ratio	Lower	Upper
43	100		
72	22.0	27.3	40.9#

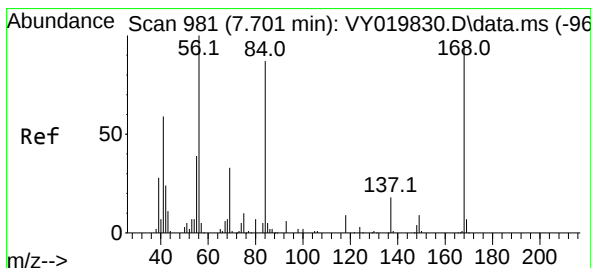
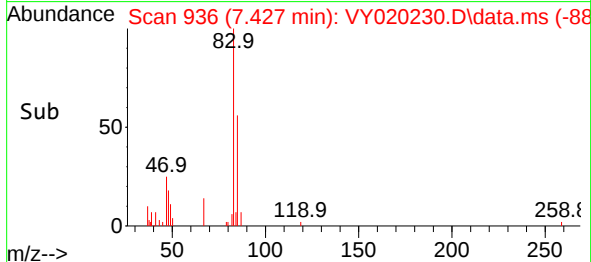
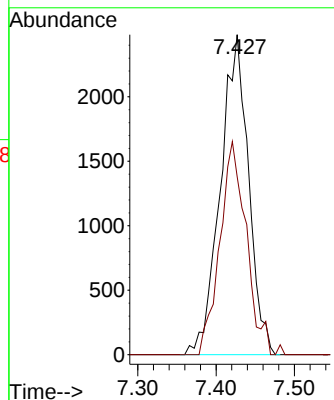
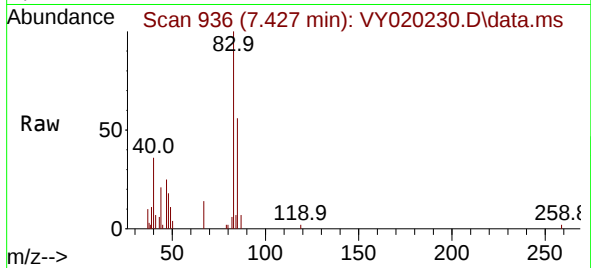




#30
Chloroform
Concen: 1.272 ug/l
RT: 7.427 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

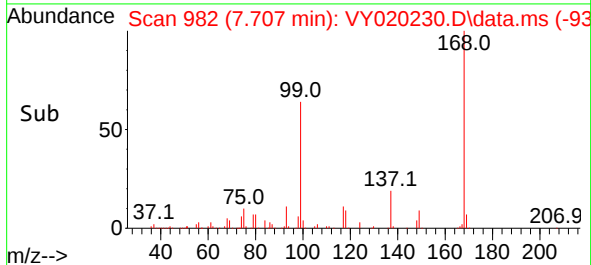
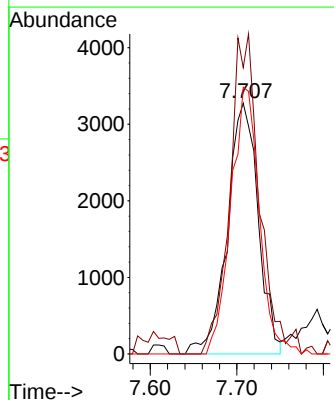
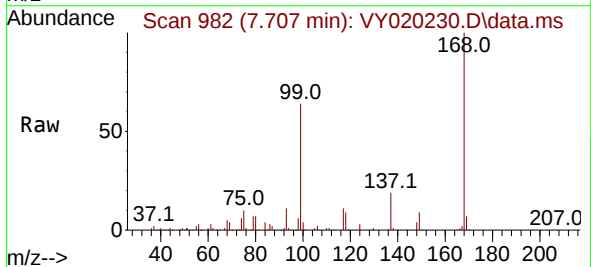
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 6195
Ion Ratio Lower Upper
83 100
85 55.7 52.2 78.4



#31
Cyclohexane
Concen: 1.700 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.007 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

Tgt Ion: 56 Resp: 8077
Ion Ratio Lower Upper
56 100
69 114.2 28.7 43.1#
84 106.4 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 61.112 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020230.D

Acq: 08 Nov 2024 14:02

Instrument :

MSVOA_Y

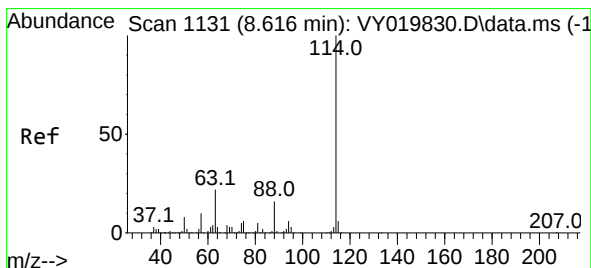
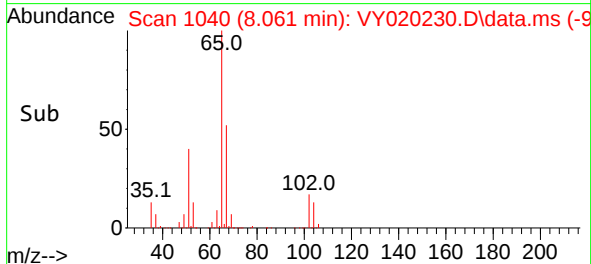
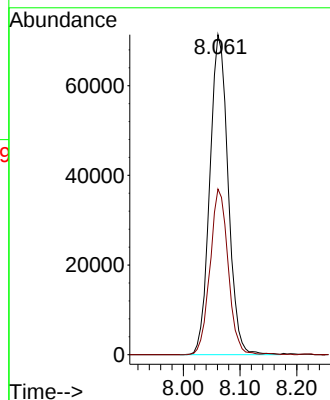
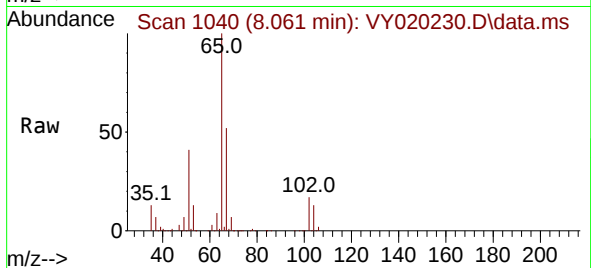
ClientSampleId :

Tgt Ion: 65 Resp: 159975

Ion Ratio Lower Upper

65 100

67 51.1 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: VY020230.D

Acq: 08 Nov 2024 14:02

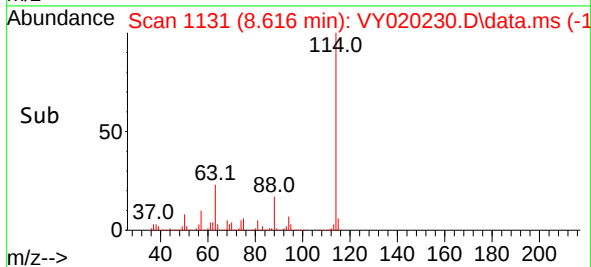
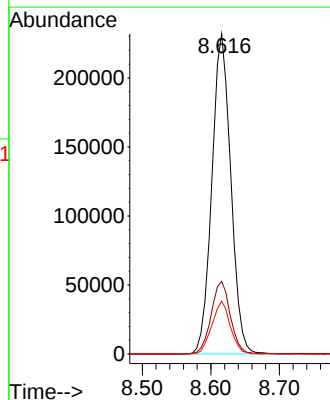
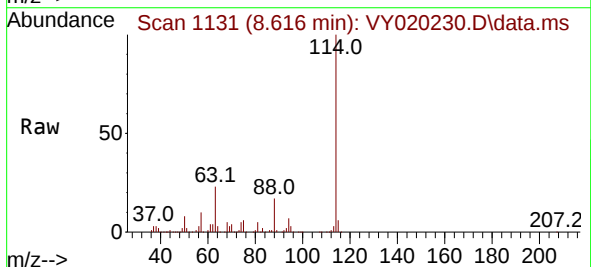
Tgt Ion: 114 Resp: 444878

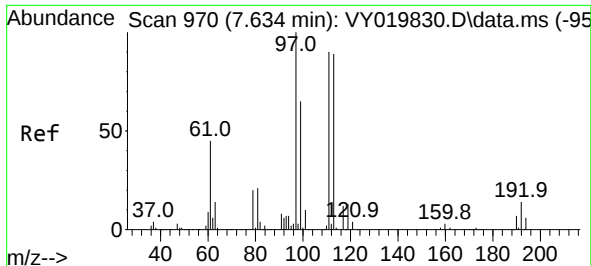
Ion Ratio Lower Upper

114 100

63 22.7 0.0 35.0

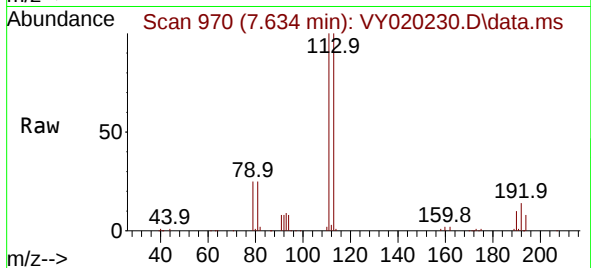
88 16.5 0.0 27.2



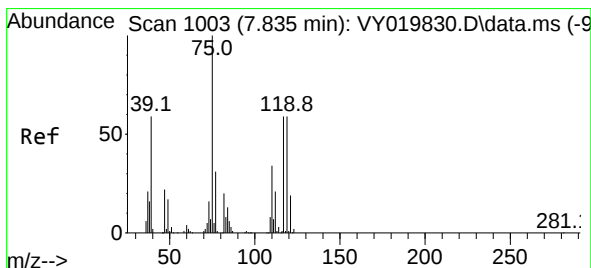
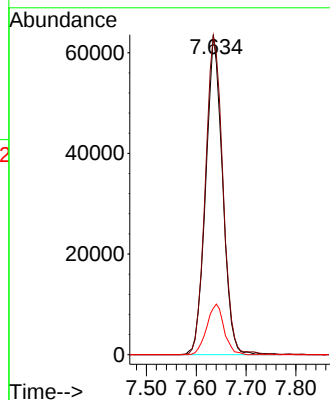
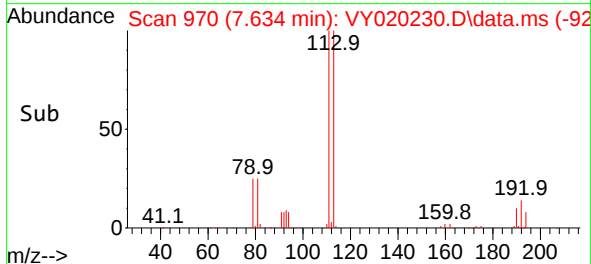


#35
Dibromofluoromethane
Concen: 52.428 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :

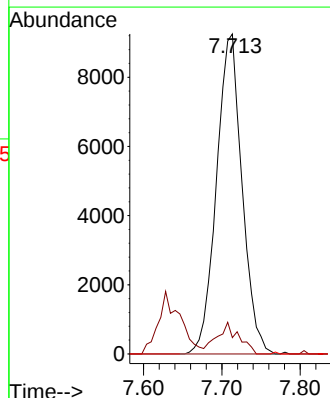
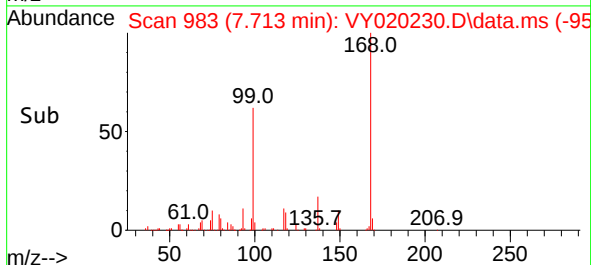
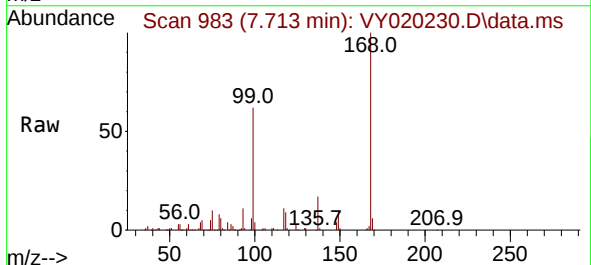


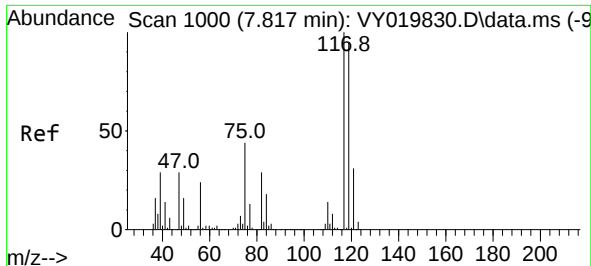
Tgt Ion:113 Resp: 148294
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 16.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.801 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.121 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

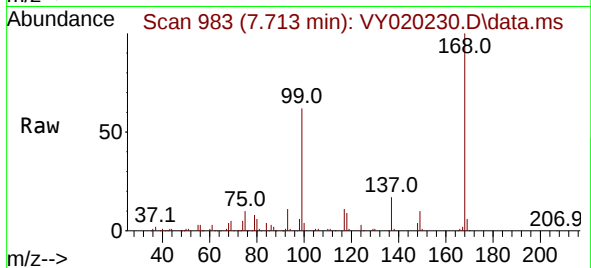
Tgt Ion: 75 Resp: 20978
Ion Ratio Lower Upper
75 100
110 8.3 19.0 57.0#
77 0.0 25.3 37.9#



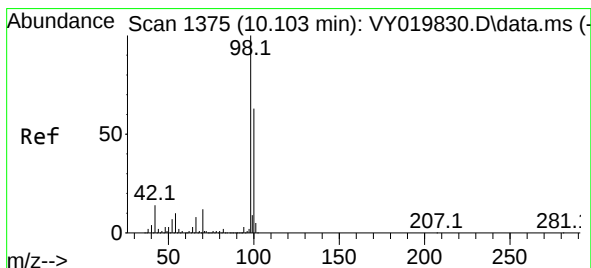
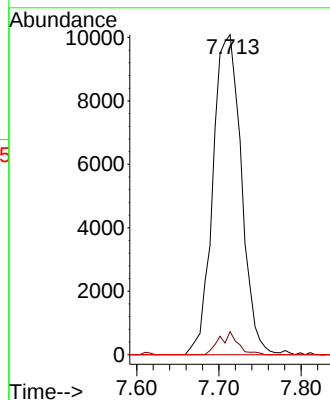
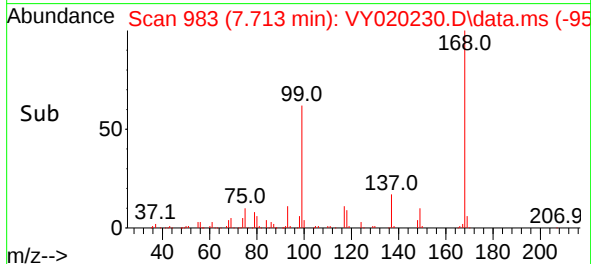


#38
Carbon Tetrachloride
Concen: 5.520 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

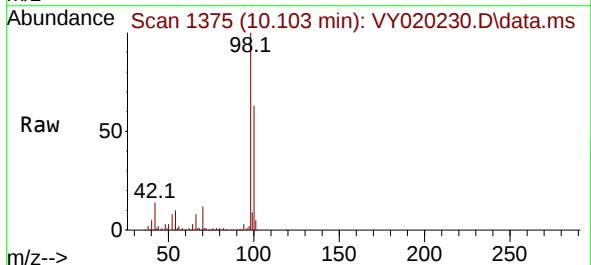
Instrument :
MSVOA_Y
ClientSampleId :



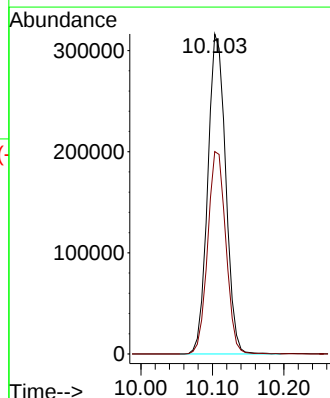
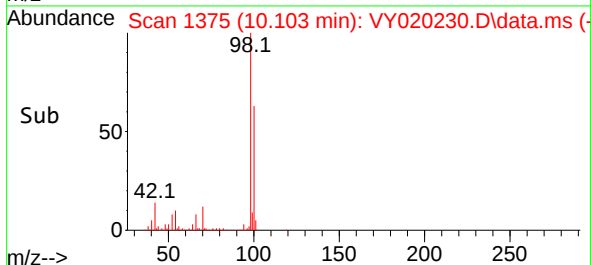
Tgt Ion:117 Resp: 24254
Ion Ratio Lower Upper
117 100
119 7.2 75.8 113.6#
121 0.0 24.0 36.0#

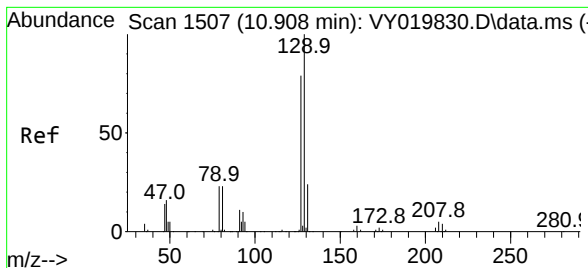


#50
Toluene-d8
Concen: 48.867 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02



Tgt Ion: 98 Resp: 550182
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

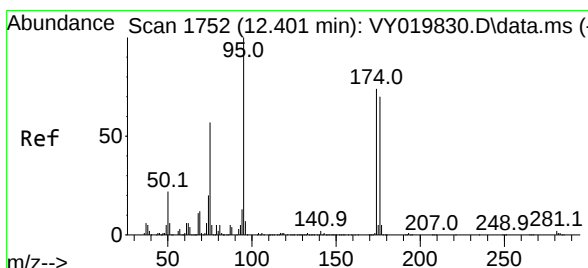
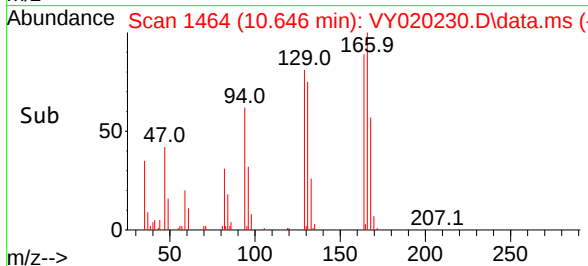
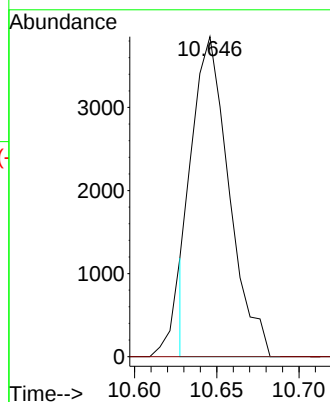
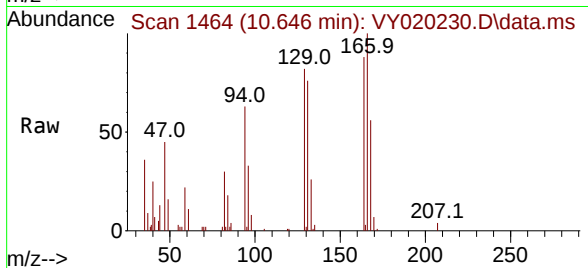




#60
Dibromochloromethane
Concen: 2.288 ug/l
RT: 10.646 min Scan# 14
Delta R.T. -0.268 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

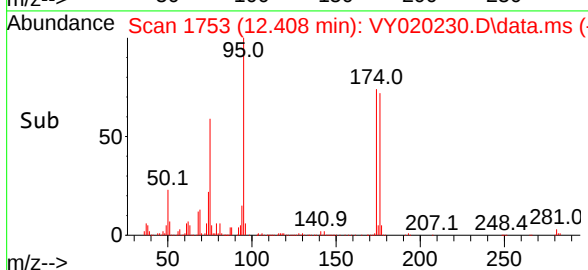
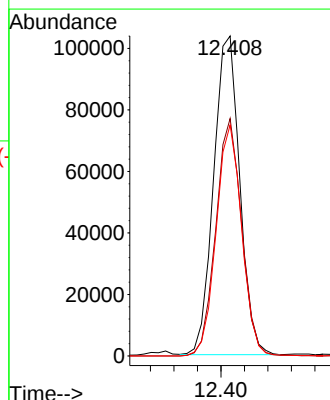
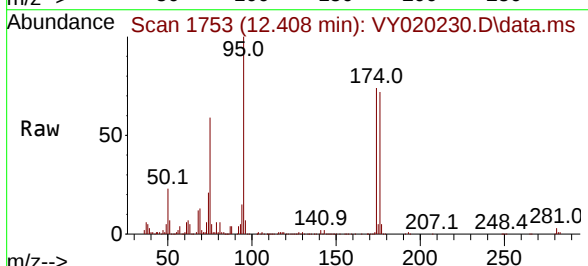
Instrument :
MSVOA_Y
ClientSampleId :

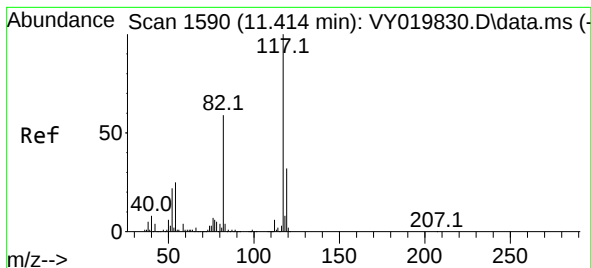
Tgt Ion:129 Resp: 5996
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 43.691 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

Tgt Ion: 95 Resp: 159777
Ion Ratio Lower Upper
95 100
174 73.8 0.0 175.6
176 71.0 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: VY020230.D

Acq: 08 Nov 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :

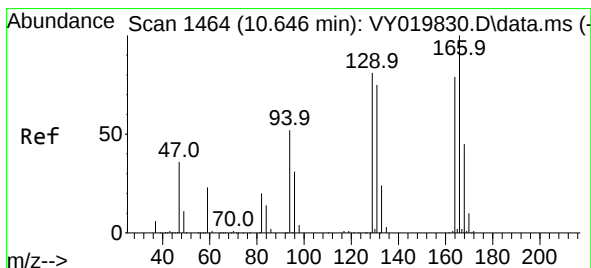
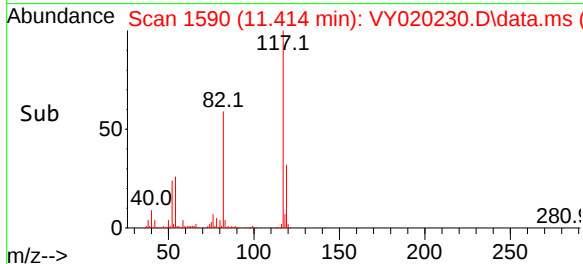
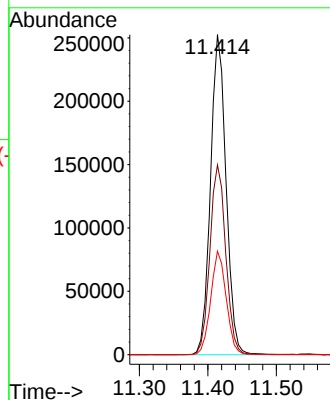
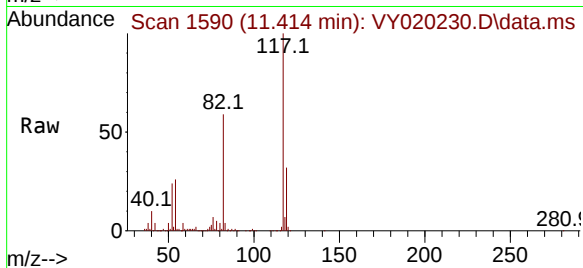
Tgt Ion:117 Resp: 397795

Ion Ratio Lower Upper

117 100

82 59.3 42.4 63.6

119 32.4 25.9 38.9



#64

Tetrachloroethene

Concen: 2.461 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020230.D

Acq: 08 Nov 2024 14:02

Tgt Ion:164 Resp: 6464

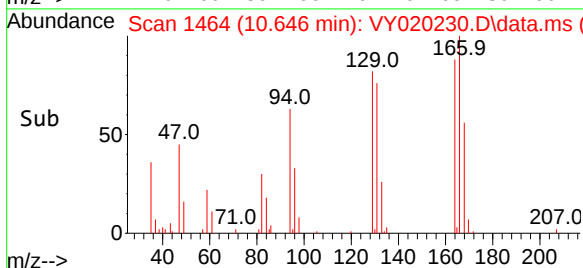
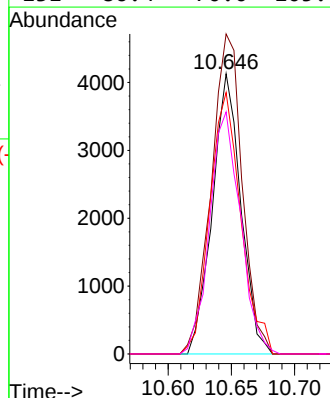
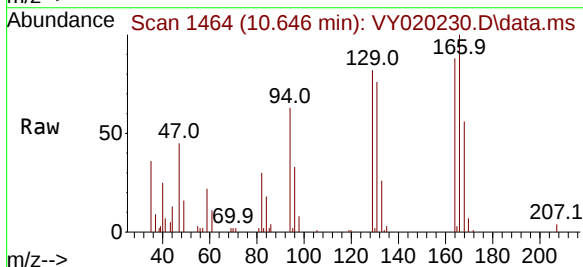
Ion Ratio Lower Upper

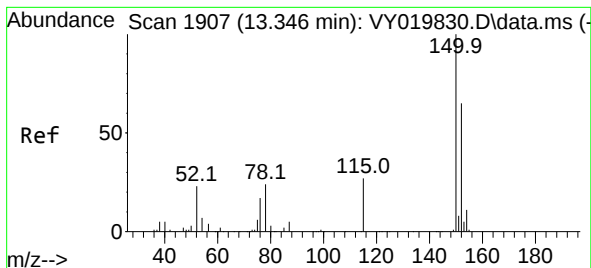
164 100

166 114.2 102.6 154.0

129 93.3 72.0 108.0

131 86.4 70.0 105.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

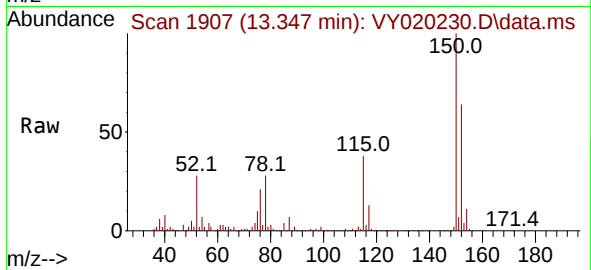
Lab File: VY020230.D

Acq: 08 Nov 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :



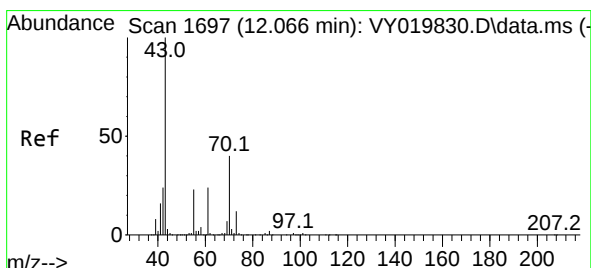
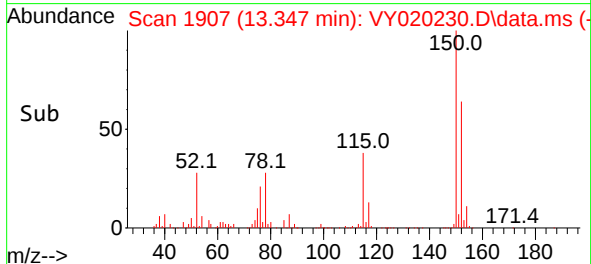
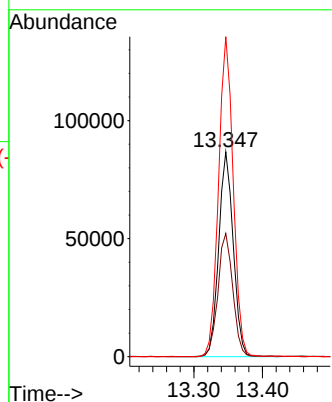
Tgt Ion:152 Resp: 127098

Ion Ratio Lower Upper

152 100

115 61.6 28.2 84.7

150 157.7 0.0 345.6



#74

N-ethyl acetate

Concen: 1.048 ug/l

RT: 12.048 min Scan# 1694

Delta R.T. -0.024 min

Lab File: VY020230.D

Acq: 08 Nov 2024 14:02

Tgt Ion: 43 Resp: 2660

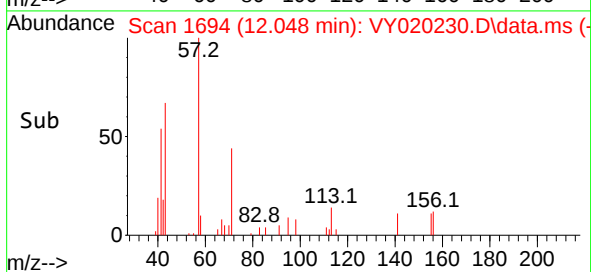
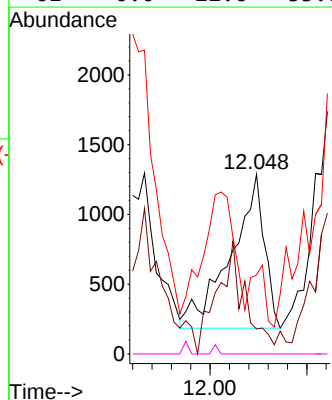
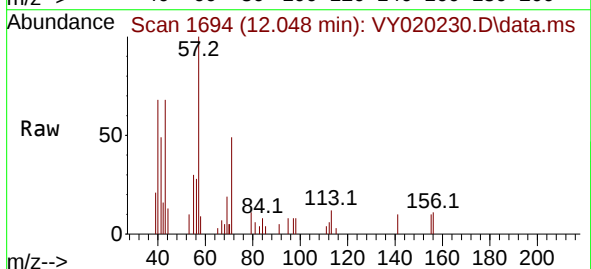
Ion Ratio Lower Upper

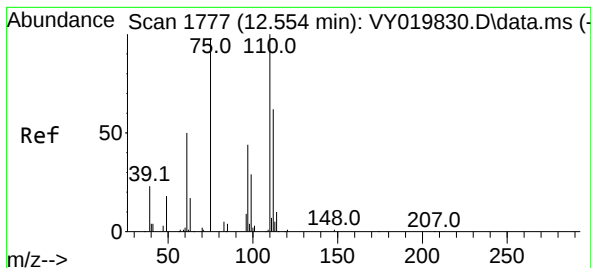
43 100

70 0.0 41.4 62.2#

55 16.8 23.3 34.9#

61 0.0 22.6 33.8#





#76

1,2,3-Trichloropropane

Concen: 79.778 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020230.D

Acq: 08 Nov 2024 14:02

Instrument :

MSVOA_Y

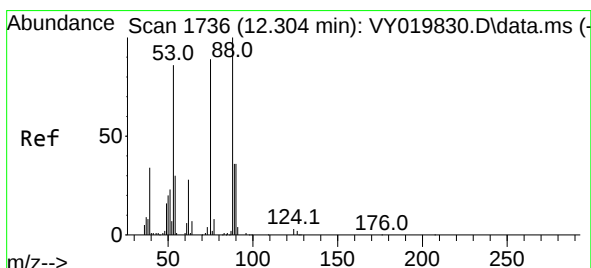
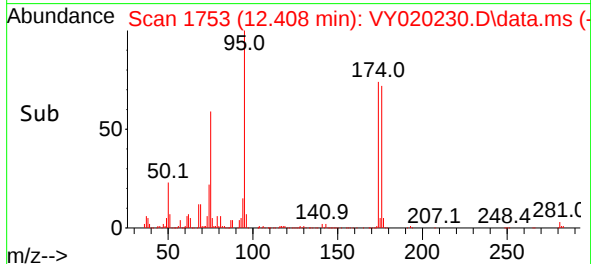
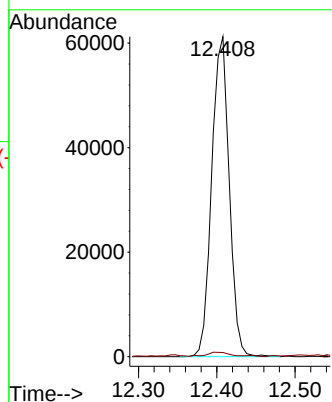
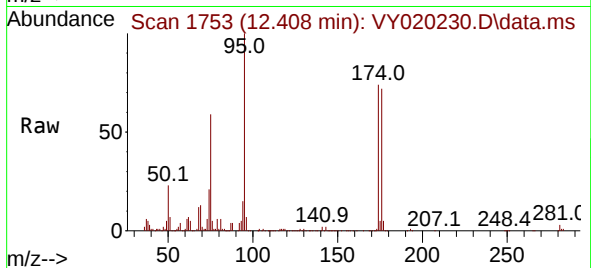
ClientSampleId :

Tgt Ion: 75 Resp: 95048

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 171.599 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY020230.D

Acq: 08 Nov 2024 14:02

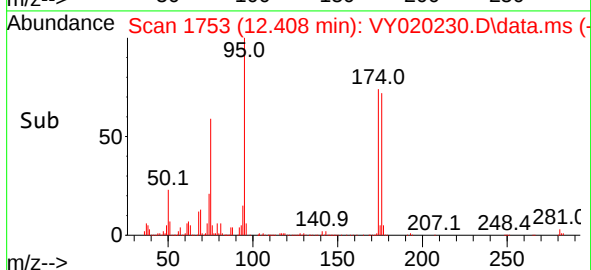
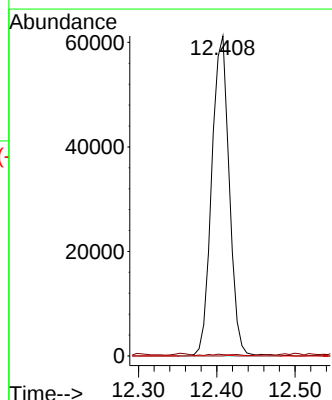
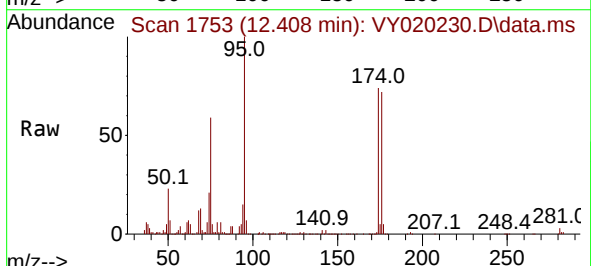
Tgt Ion: 75 Resp: 95048

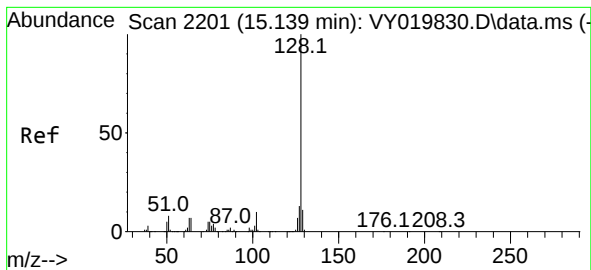
Ion Ratio Lower Upper

75 100

53 0.3 66.8 100.2#

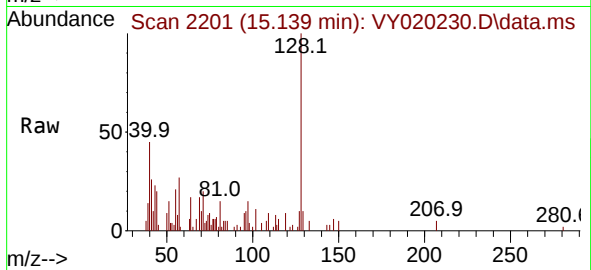
89 0.1 35.8 53.6#





#95
Naphthalene
Concen: 1.417 ug/l
RT: 15.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY020230.D
Acq: 08 Nov 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	5161
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.0	8.6	13.0

