

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
 Data File : VY020270.D
 Acq On : 12 Nov 2024 16:12
 Operator : SY/MD
 Sample : P4807-11
 Misc : 4.807g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 13 00:37:16 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)

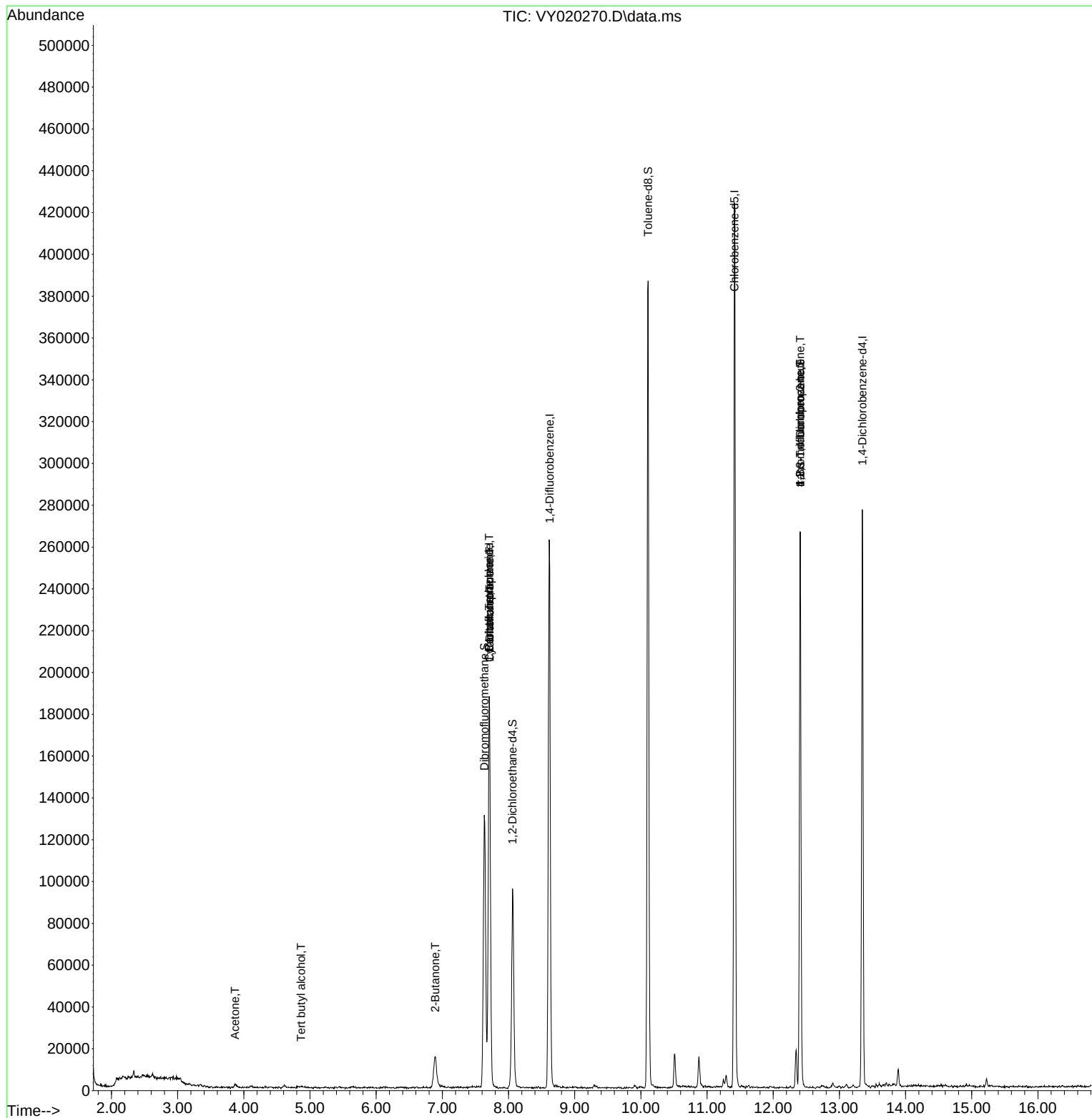
Internal Standards						
1) Pentafluorobenzene	7.707	168	131245	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	214155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	213118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	60069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	70276	42.903	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.800%
35) Dibromofluoromethane	7.634	113	93179	68.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	136.860%
50) Toluene-d8	10.109	98	246273	45.440	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.880%
62) 4-Bromofluorobenzene	12.408	95	76120	43.240	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.480%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	432	3.666	ug/l	# 81
16) Acetone	3.866	43	2931	7.694	ug/l	96
25) 2-Butanone	6.890	43	1469	2.845	ug/l	# 41
31) Cyclohexane	7.713	56	3958	1.332	ug/l	# 43
36) 1,1-Dichloropropene	7.713	75	13045	6.202	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	14370	6.794	ug/l	# 18
76) 1,2,3-Trichloropropane	12.408	75	45038	79.984	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	45038	172.044	ug/l	# 16

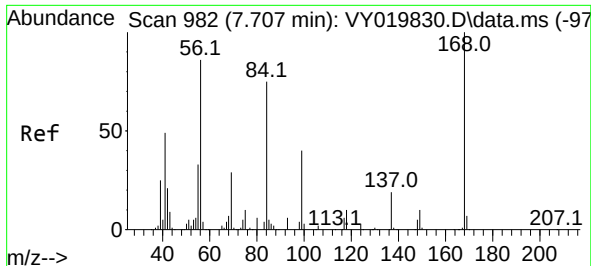
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
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Quant Time: Nov 13 00:37:16 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

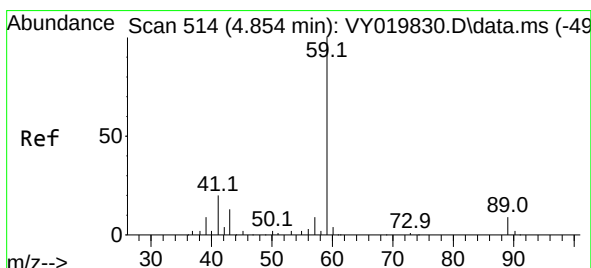
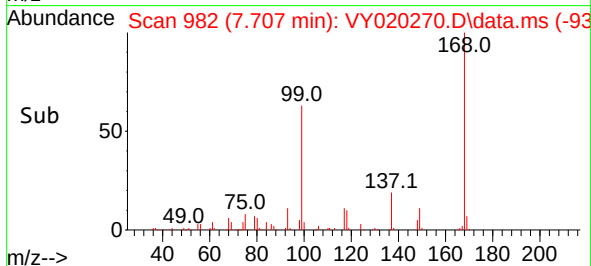
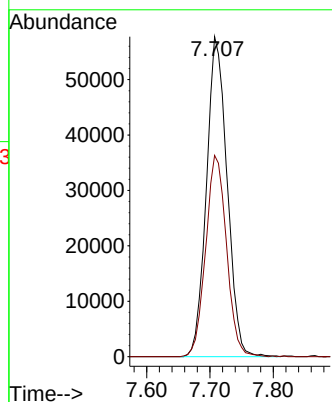
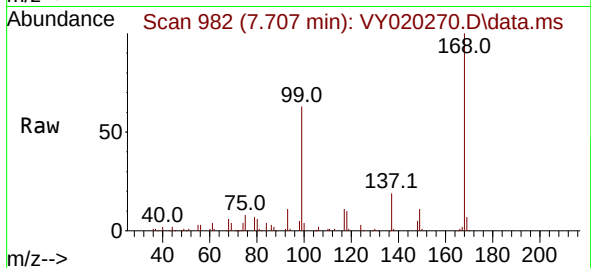




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020270.D
Acq: 12 Nov 2024 16:12

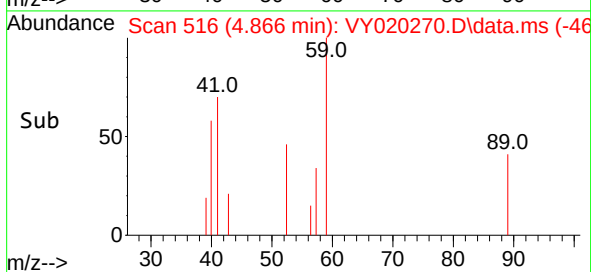
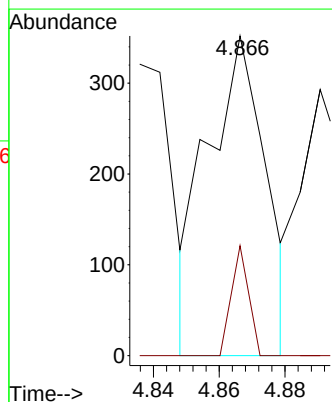
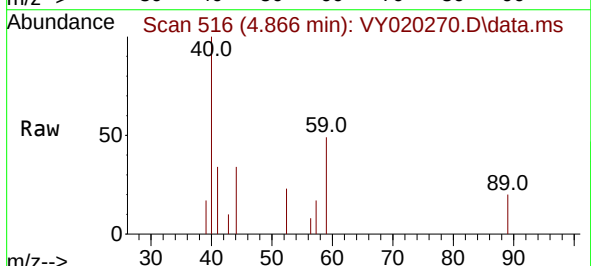
Instrument :
MSVOA_Y
ClientSampleId :

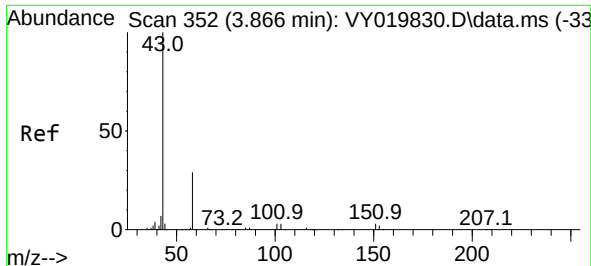
Tgt Ion:168 Resp: 131245
Ion Ratio Lower Upper
168 100
99 62.9 39.1 58.7#



#11
Tert butyl alcohol
Concen: 3.666 ug/l
RT: 4.866 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY020270.D
Acq: 12 Nov 2024 16:12

Tgt Ion: 59 Resp: 432
Ion Ratio Lower Upper
59 100
57 10.2 3.0 4.6#

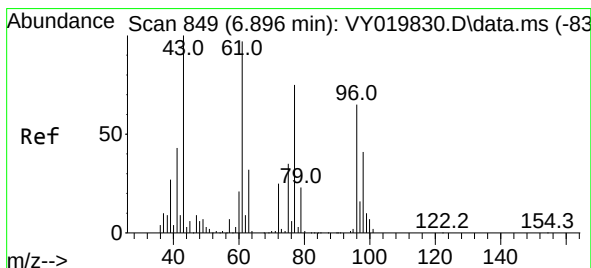
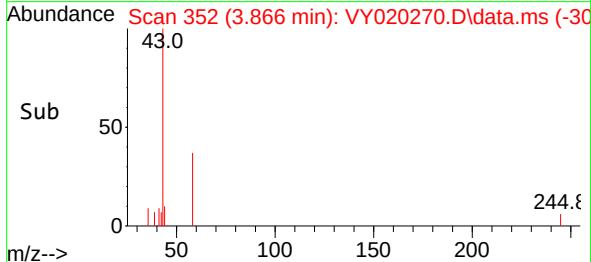
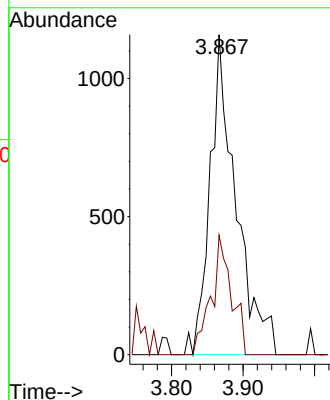
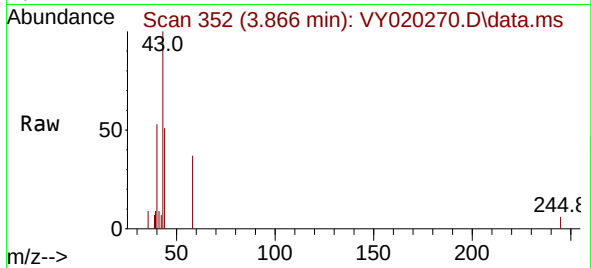




#16
Acetone
Concen: 7.694 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY020270.D
Acq: 12 Nov 2024 16:12

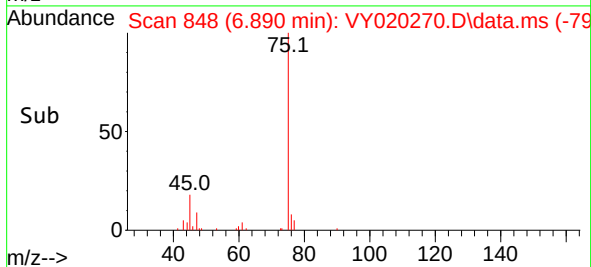
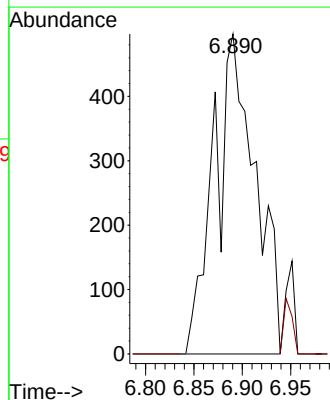
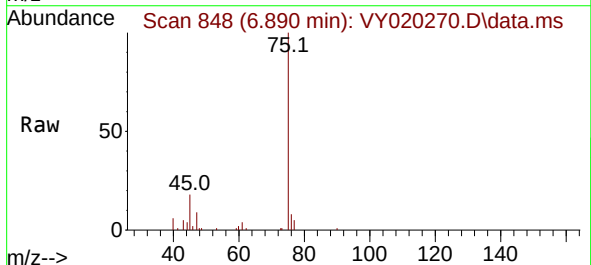
Instrument :
MSVOA_Y
ClientSampleId :

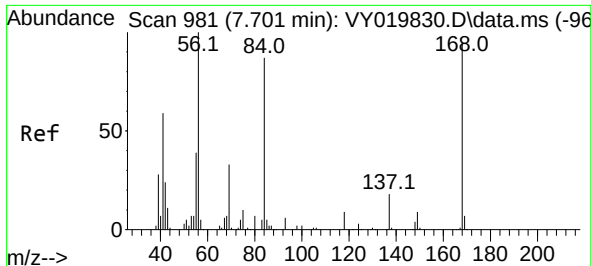
Tgt Ion: 43 Resp: 2931
Ion Ratio Lower Upper
43 100
58 37.3 31.7 47.5



#25
2-Butanone
Concen: 2.845 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY020270.D
Acq: 12 Nov 2024 16:12

Tgt Ion: 43 Resp: 1469
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#

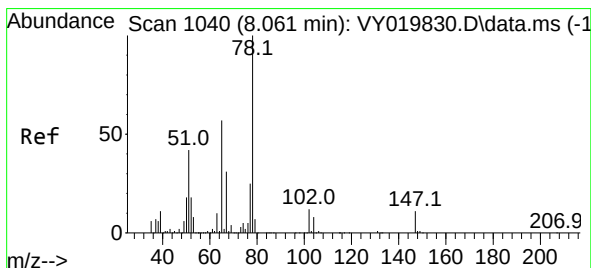
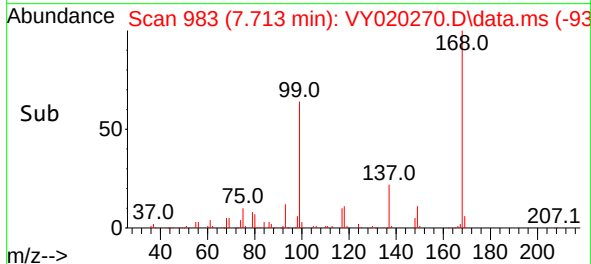
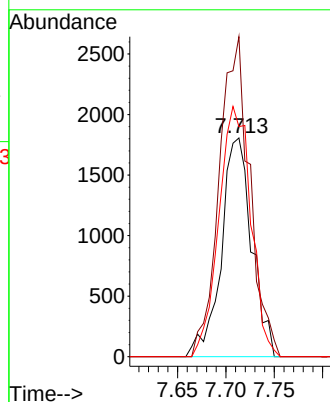
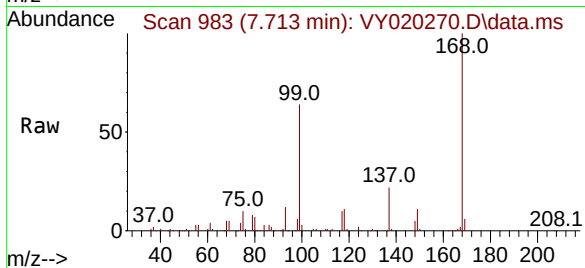




#31
Cyclohexane
Concen: 1.332 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.013 min
Lab File: VY020270.D
Acq: 12 Nov 2024 16:12

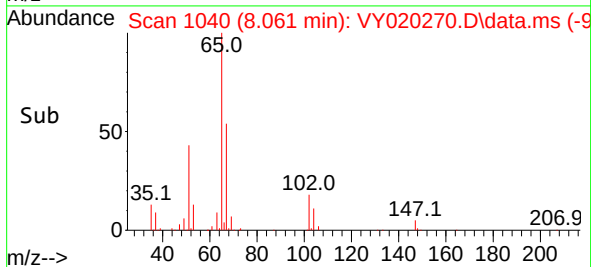
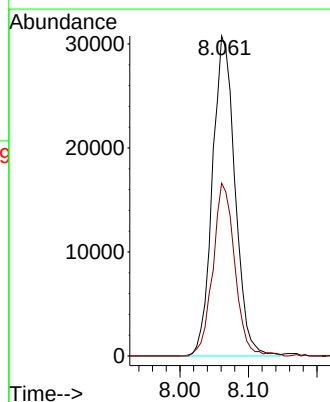
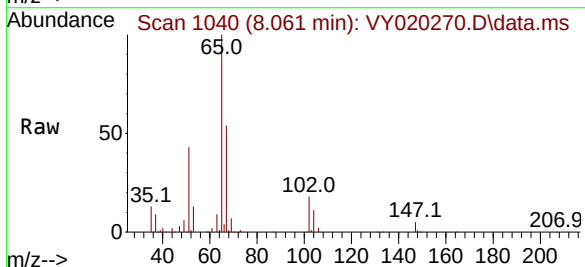
Instrument :
MSVOA_Y
ClientSampleId :

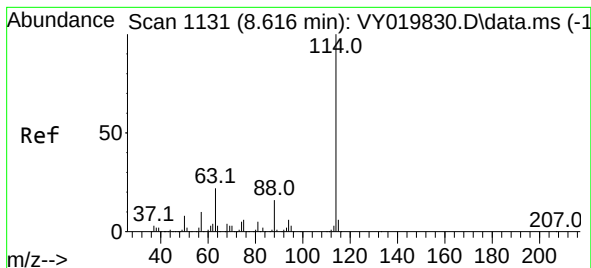
Tgt Ion: 56 Resp: 3958
Ion Ratio Lower Upper
56 100
69 146.3 28.7 43.1#
84 105.1 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 42.903 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020270.D
Acq: 12 Nov 2024 16:12

Tgt Ion: 65 Resp: 70276
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY020270.D

Acq: 12 Nov 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :

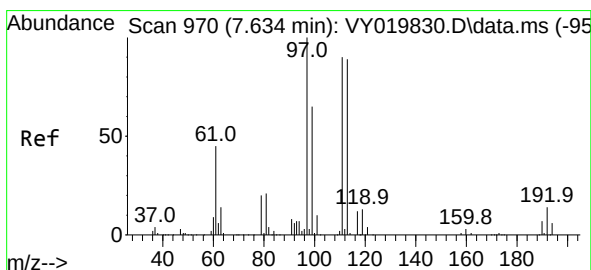
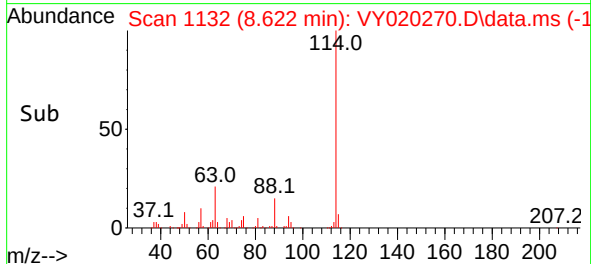
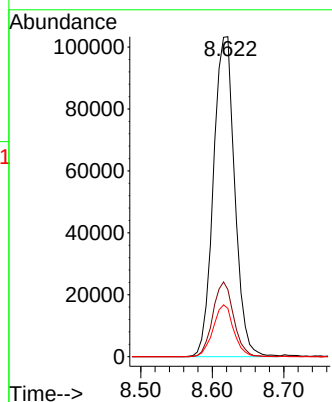
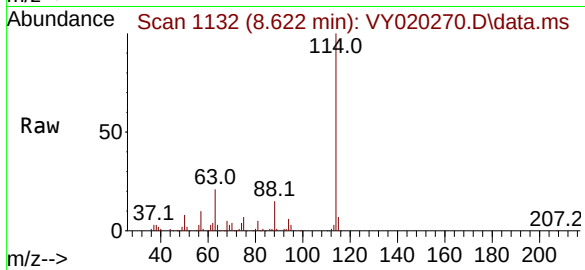
Tgt Ion:114 Resp: 214155

Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.0

88 15.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 68.434 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020270.D

Acq: 12 Nov 2024 16:12

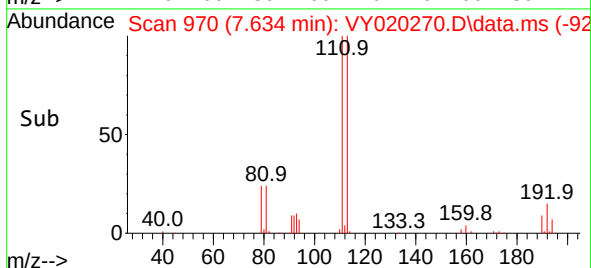
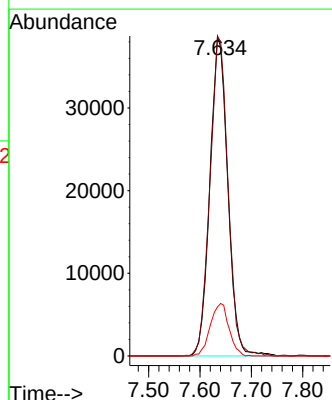
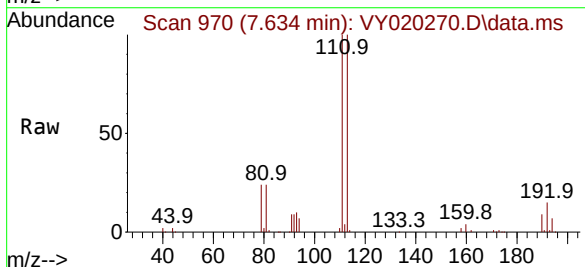
Tgt Ion:113 Resp: 93179

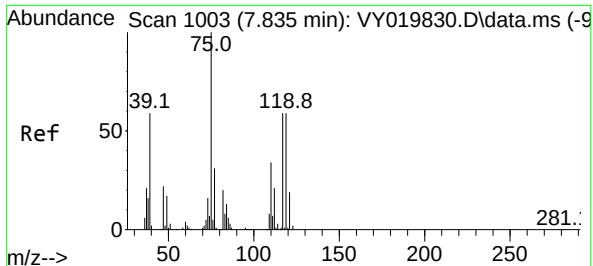
Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

192 17.1 15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.202 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.122 min

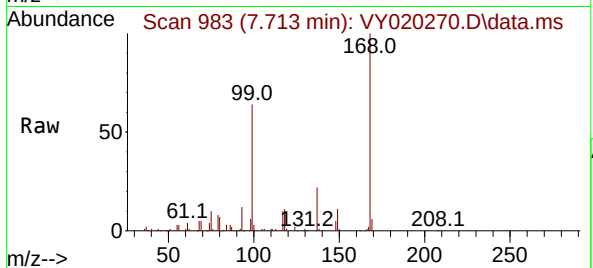
Lab File: VY020270.D

Acq: 12 Nov 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :



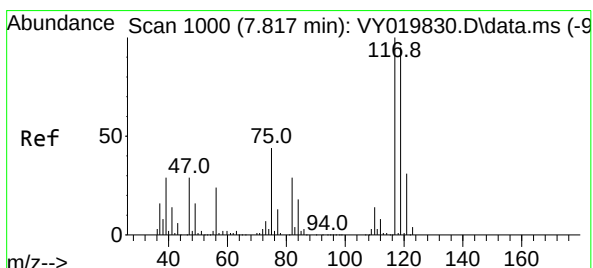
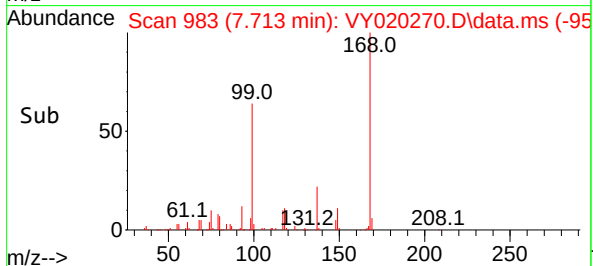
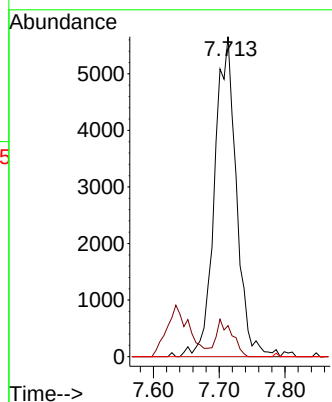
Tgt Ion: 75 Resp: 13045

Ion Ratio Lower Upper

75 100

110 8.6 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.794 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY020270.D

Acq: 12 Nov 2024 16:12

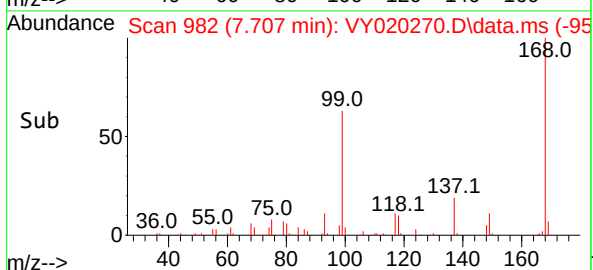
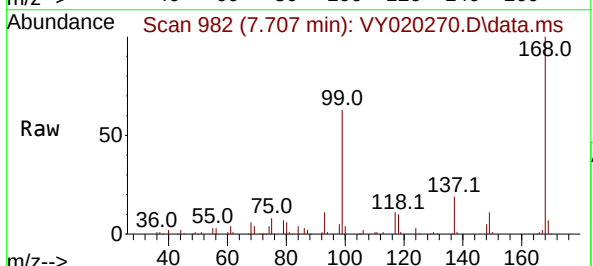
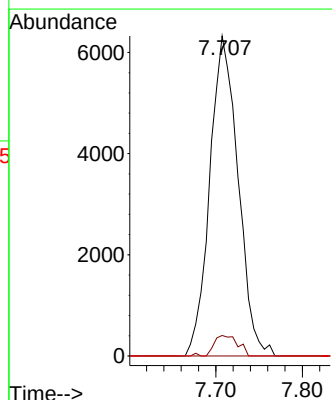
Tgt Ion: 117 Resp: 14370

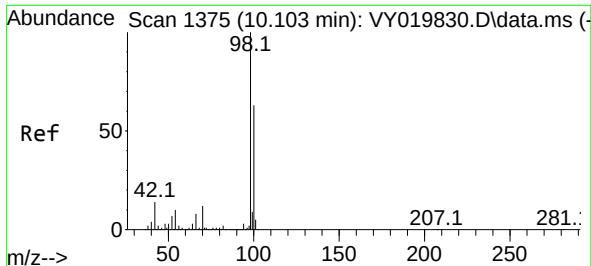
Ion Ratio Lower Upper

117 100

119 6.4 75.8 113.6#

121 0.0 24.0 36.0#

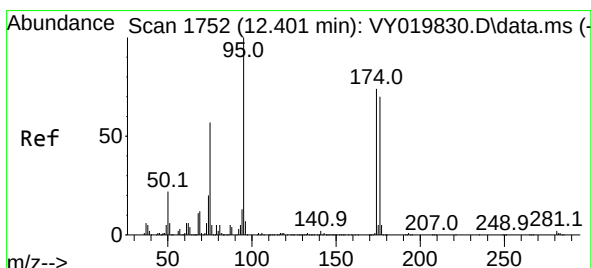
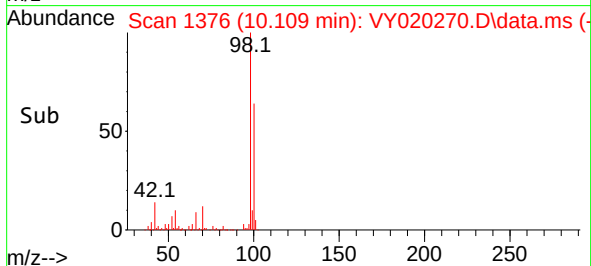
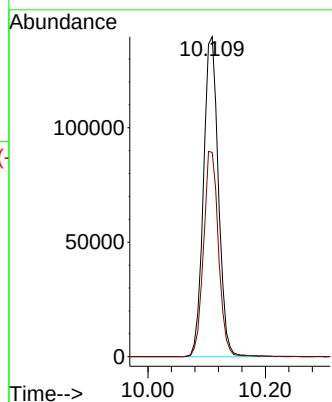
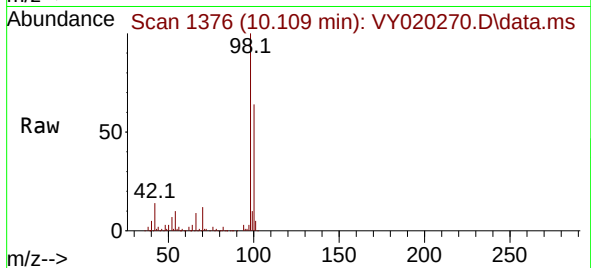




#50
Toluene-d8
Concen: 45.440 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020270.D
Acq: 12 Nov 2024 16:12

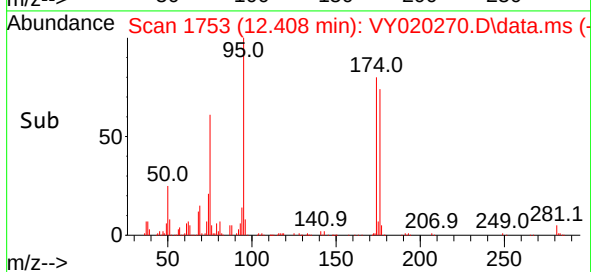
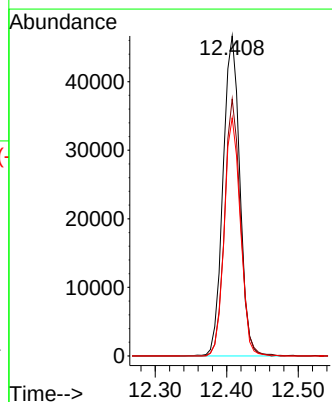
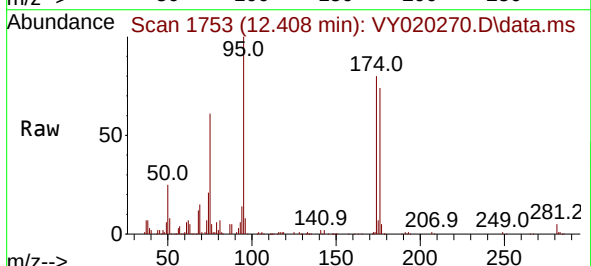
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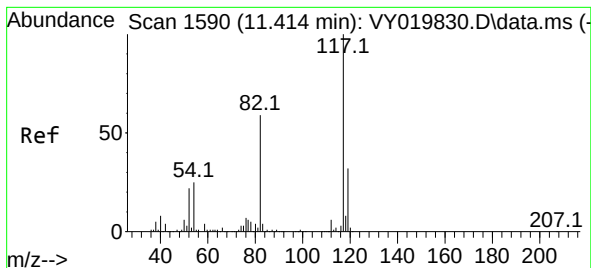
Tgt Ion: 98 Resp: 246273
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.240 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020270.D
Acq: 12 Nov 2024 16:12

Tgt Ion: 95 Resp: 76120
Ion Ratio Lower Upper
95 100
174 76.1 0.0 175.6
176 71.5 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: VY020270.D

Acq: 12 Nov 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :

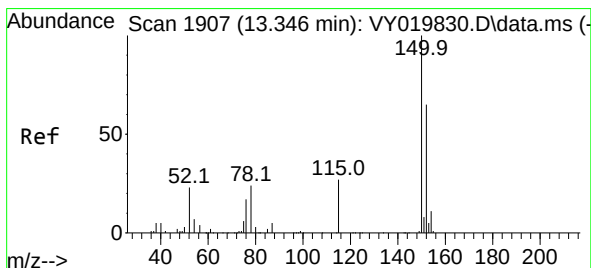
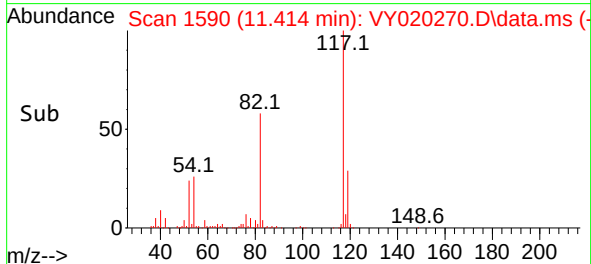
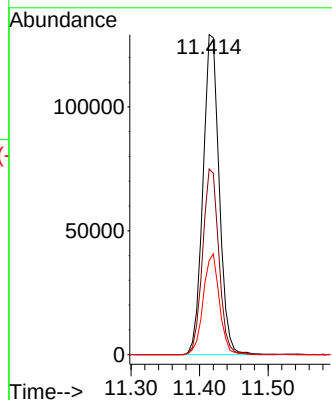
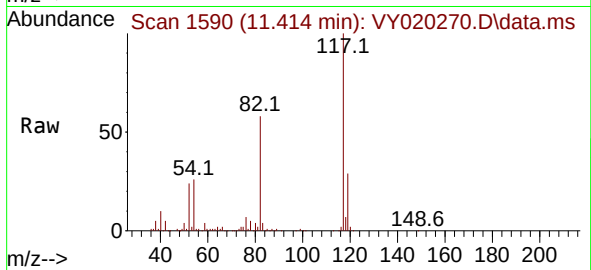
Tgt Ion:117 Resp: 213118

Ion Ratio Lower Upper

117 100

82 58.0 42.4 63.6

119 29.4 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: VY020270.D

Acq: 12 Nov 2024 16:12

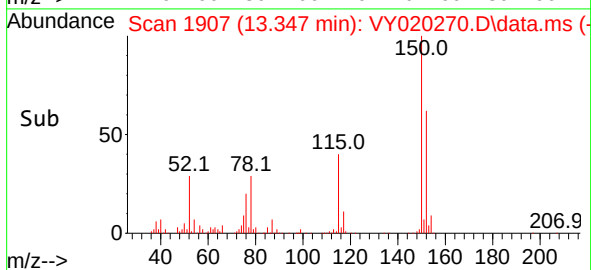
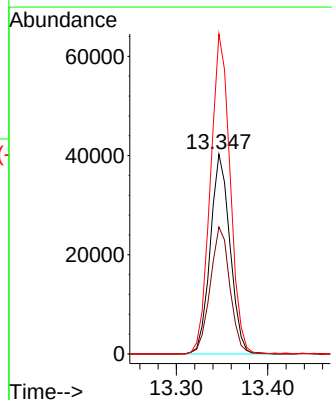
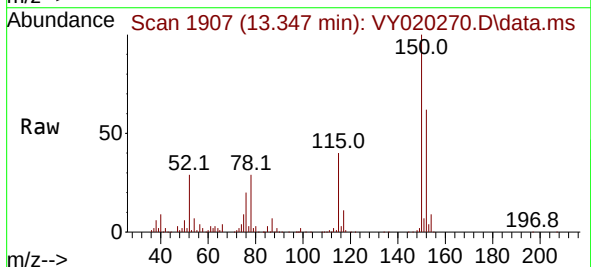
Tgt Ion:152 Resp: 60069

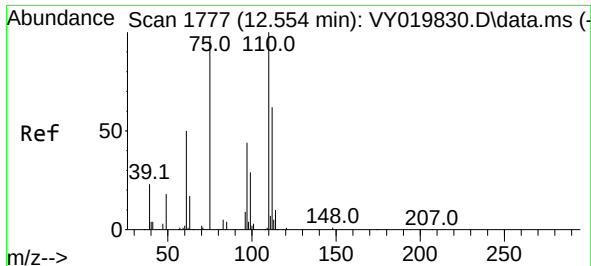
Ion Ratio Lower Upper

152 100

115 63.8 28.2 84.7

150 160.5 0.0 345.6

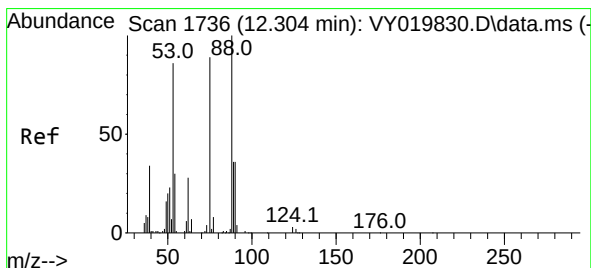
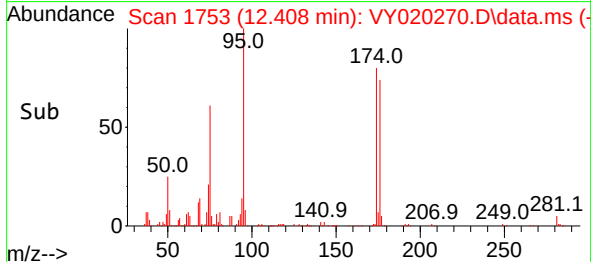
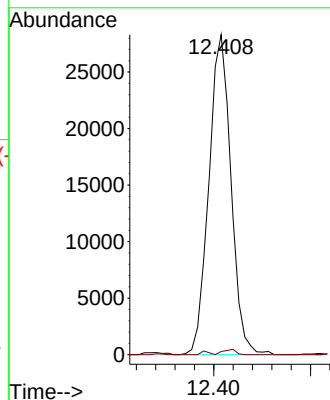
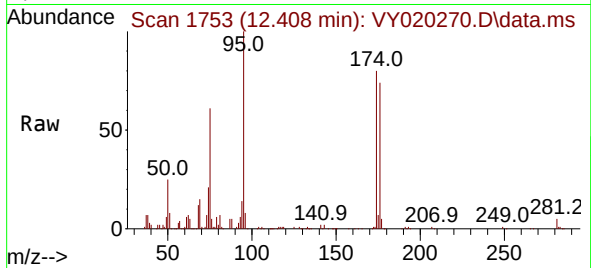




#76
1,2,3-Trichloropropane
Concen: 79.984 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020270.D
Acq: 12 Nov 2024 16:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 45038
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 172.044 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020270.D
Acq: 12 Nov 2024 16:12

Tgt Ion: 75 Resp: 45038
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

