

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020646.D
 Acq On : 19 Dec 2024 11:07
 Operator : SY/MD
 Sample : VY1219SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 00:46:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

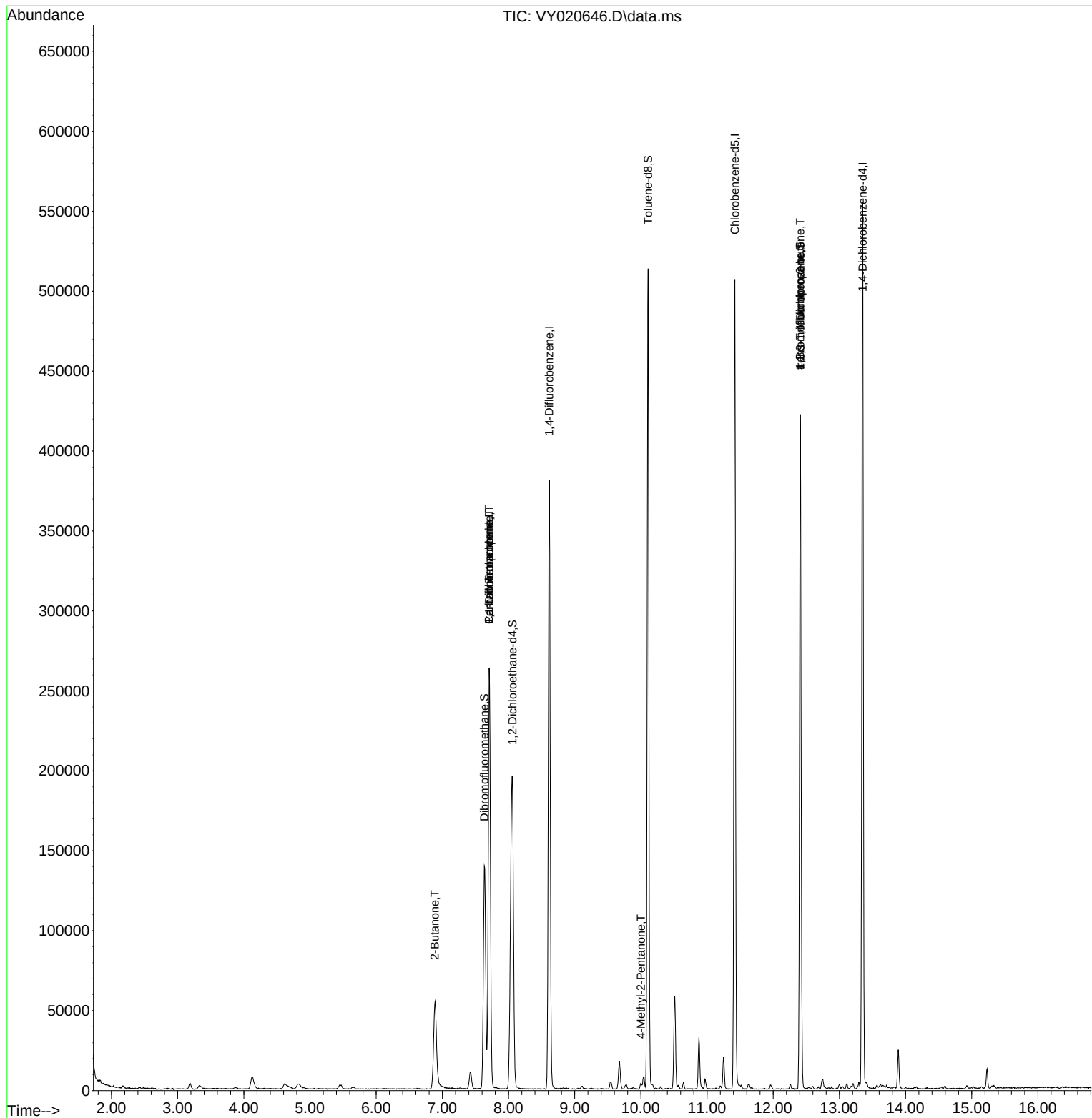
Internal Standards						
1) Pentafluorobenzene	7.707	168	204045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	318952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	271132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	145317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	99418	44.488	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.980%
35) Dibromofluoromethane	7.634	113	102958	45.802	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.600%
50) Toluene-d8	10.109	98	344522	43.788	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.580%
62) 4-Bromofluorobenzene	12.408	95	124147	40.337	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	80.680%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.836	59	3875	Below Cal	#	75
16) Acetone	3.873	43	1595	Below Cal	#	88
25) 2-Butanone	6.884	43	3215	3.871	ug/l #	65
30) Chloroform	7.421	83	10556	Below Cal		88
36) 1,1-Dichloropropene	7.707	75	15719	3.835	ug/l #	51
38) Carbon Tetrachloride	7.707	117	20446	4.509	ug/l #	15
51) 4-Methyl-2-Pentanone	10.000	43	2573	1.335	ug/l	95
76) 1,2,3-Trichloropropane	12.408	75	64555	42.764	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	64555	89.764	ug/l #	12

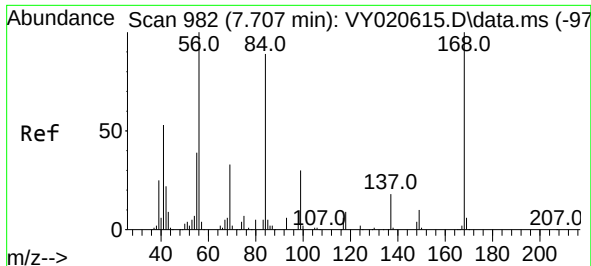
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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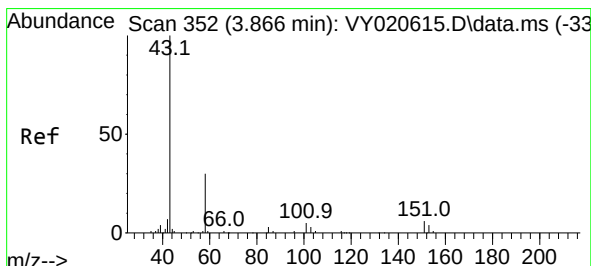
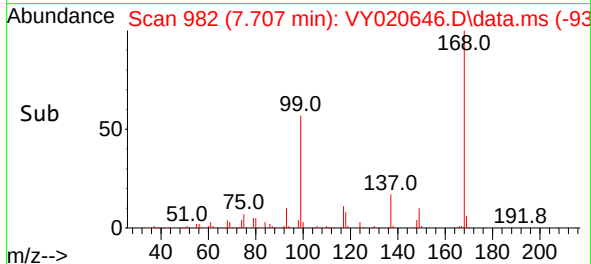
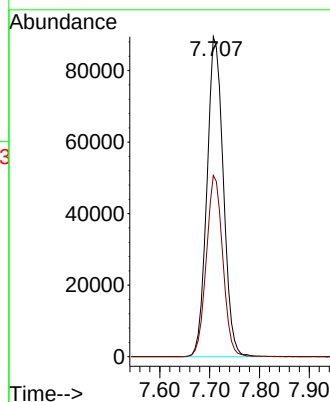
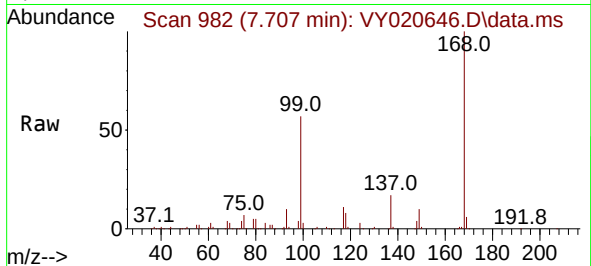




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020646.D
Acq: 19 Dec 2024 11:07

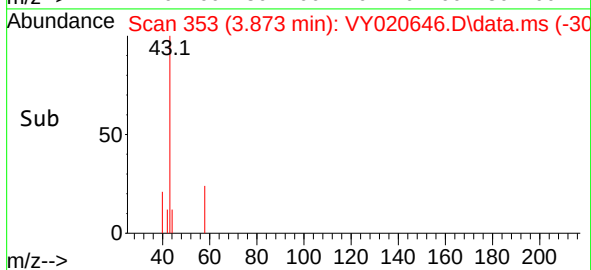
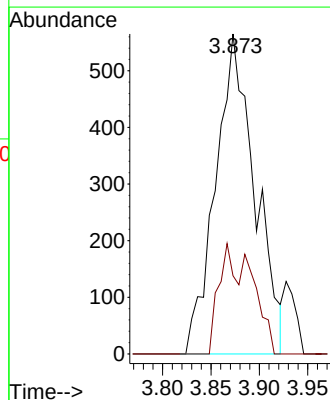
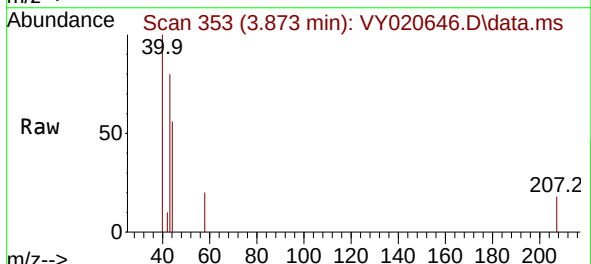
Instrument :
MSVOA_Y
ClientSampleId :

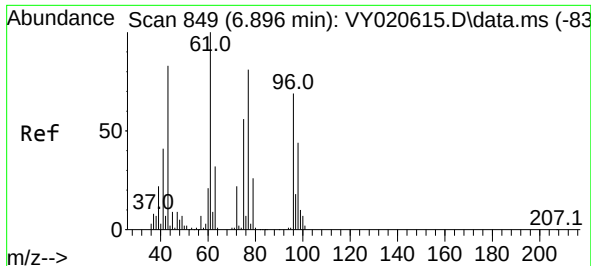
Tgt Ion:168 Resp: 204045
Ion Ratio Lower Upper
168 100
99 56.6 47.0 70.6



#16
Acetone
Concen: Below Cal
RT: 3.873 min Scan# 353
Delta R.T. 0.007 min
Lab File: VY020646.D
Acq: 19 Dec 2024 11:07

Tgt Ion: 43 Resp: 1595
Ion Ratio Lower Upper
43 100
58 24.4 25.0 37.6#





#25

2-Butanone

Concen: 3.871 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.012 min

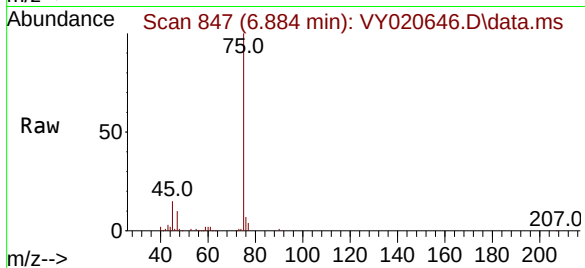
Lab File: VY020646.D

Acq: 19 Dec 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

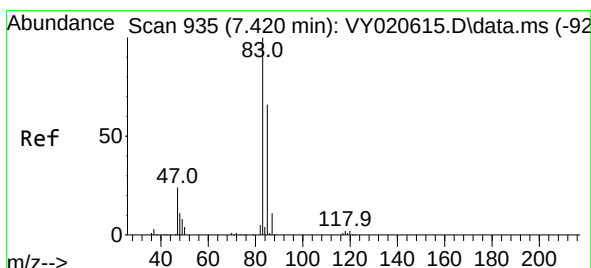
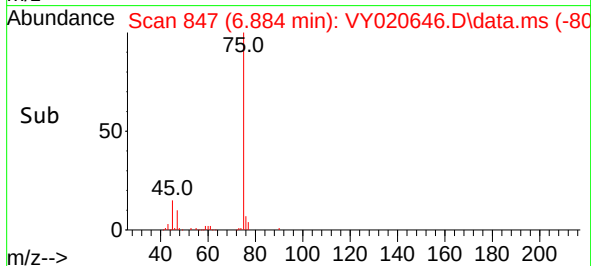
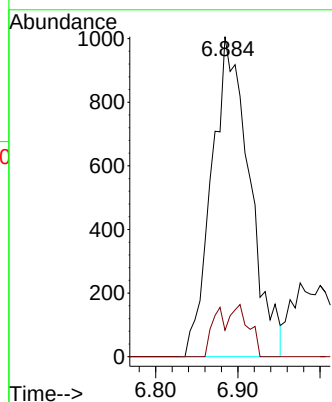


Tgt Ion: 43 Resp: 3215

Ion Ratio Lower Upper

43 100

72 8.3 20.6 31.0#



#30

Chloroform

Concen: Below Cal

RT: 7.421 min Scan# 935

Delta R.T. 0.001 min

Lab File: VY020646.D

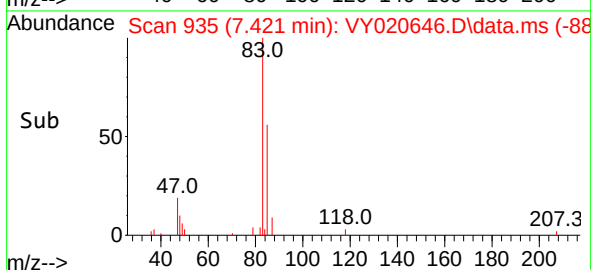
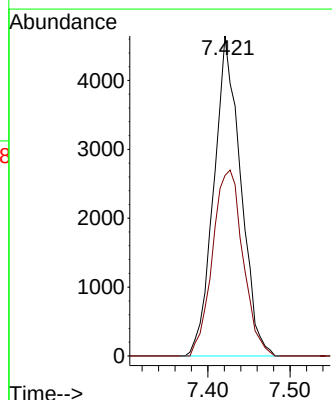
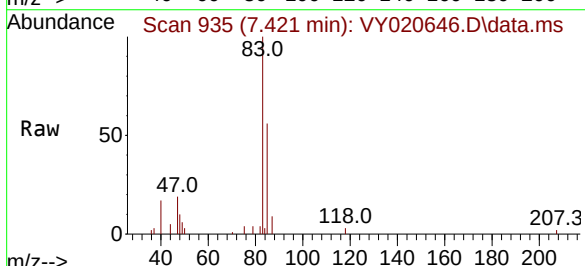
Acq: 19 Dec 2024 11:07

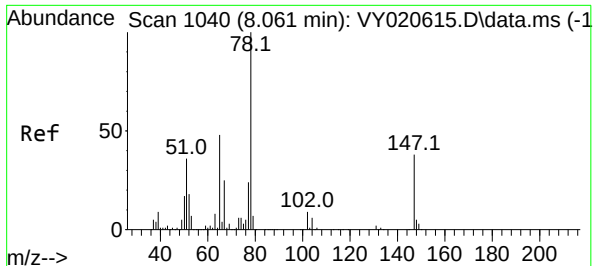
Tgt Ion: 83 Resp: 10556

Ion Ratio Lower Upper

83 100

85 56.4 52.7 79.1

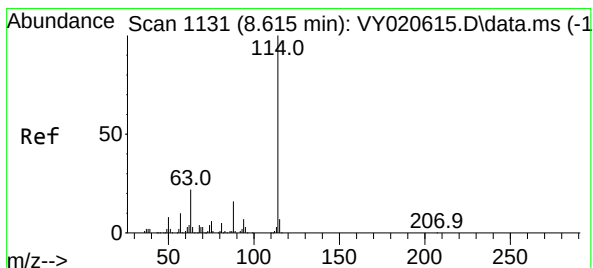
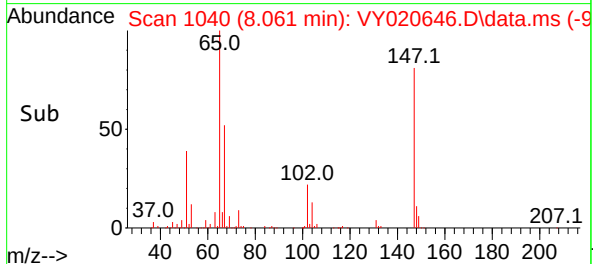
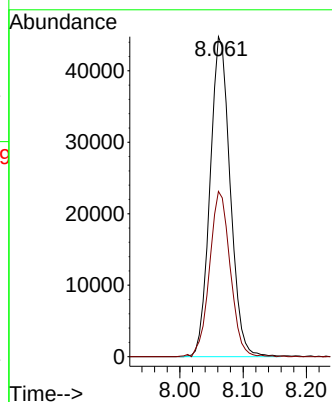
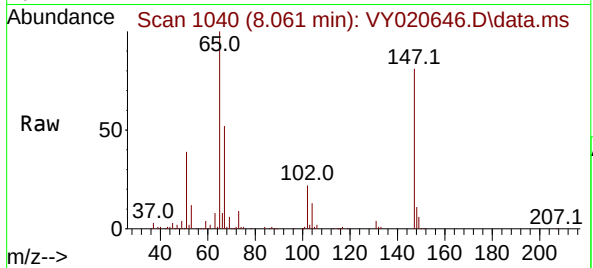




#33
 1,2-Dichloroethane-d4
 Concen: 44.488 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY020646.D
 Acq: 19 Dec 2024 11:07

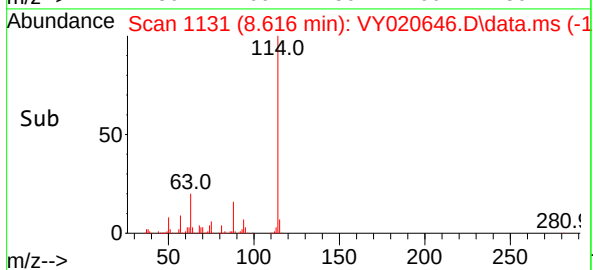
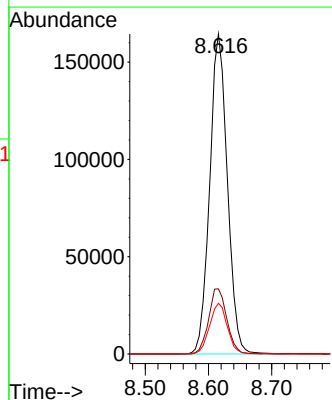
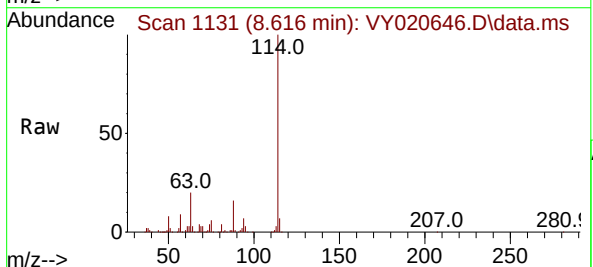
Instrument :
 MSVOA_Y
 ClientSampleId :

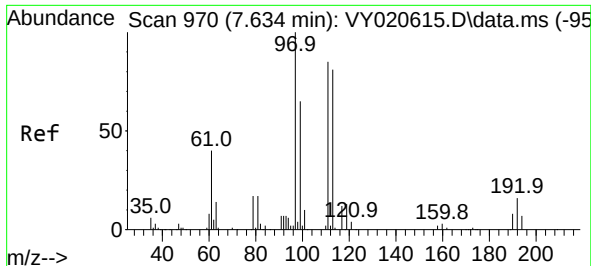
Tgt Ion: 65 Resp: 99418
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020646.D
 Acq: 19 Dec 2024 11:07

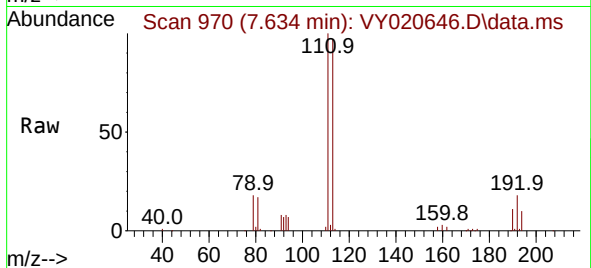
Tgt Ion: 114 Resp: 318952
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 44.0
 88 15.9 0.0 32.8



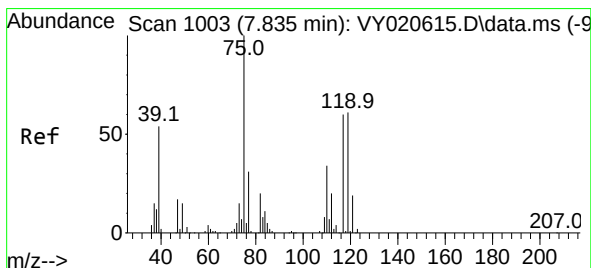
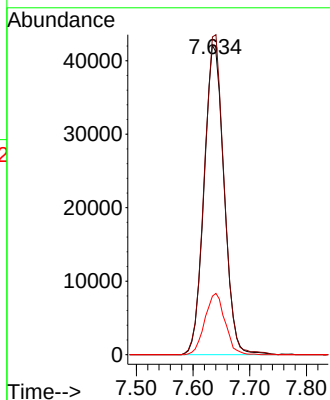
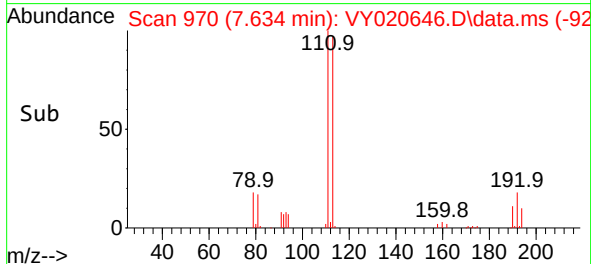


#35
Dibromofluoromethane
Concen: 45.802 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020646.D
Acq: 19 Dec 2024 11:07

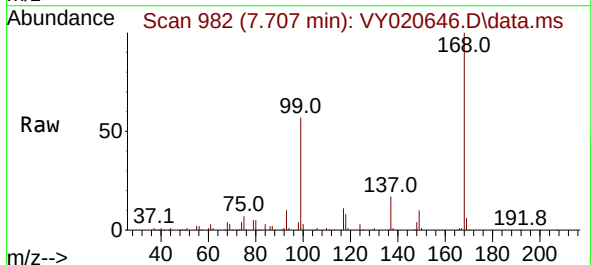
Instrument :
MSVOA_Y
ClientSampleId :



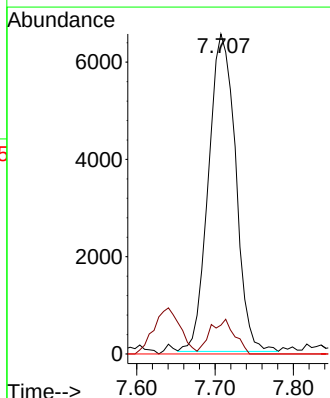
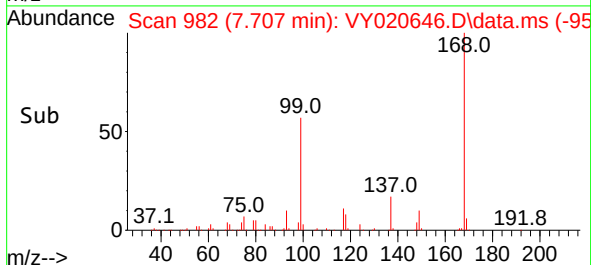
Tgt Ion:113 Resp: 102958
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 20.0 15.7 23.5

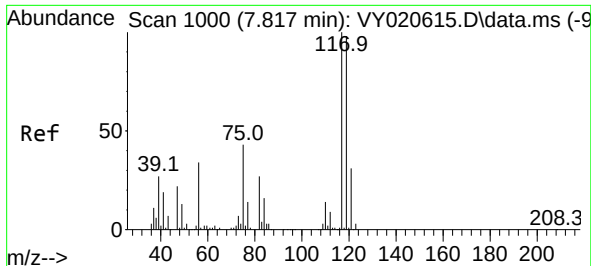


#36
1,1-Dichloropropene
Concen: 3.835 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020646.D
Acq: 19 Dec 2024 11:07



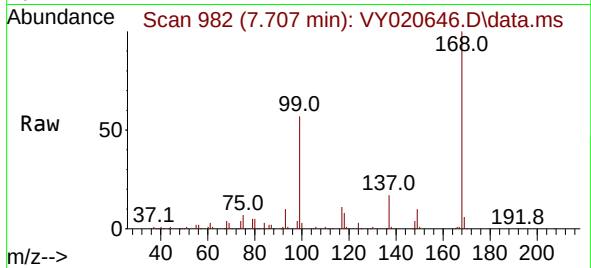
Tgt Ion: 75 Resp: 15719
Ion Ratio Lower Upper
75 100
110 9.8 16.8 50.4#
77 0.0 25.0 37.6#



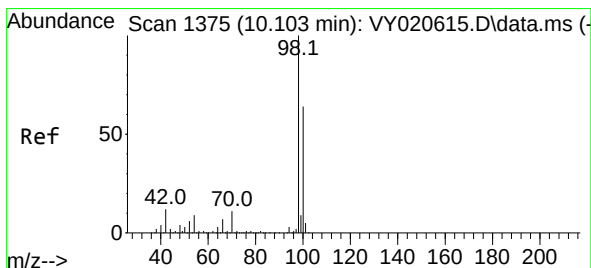
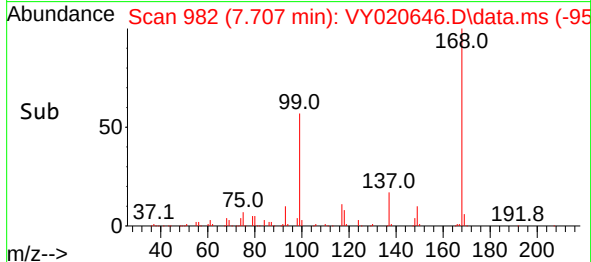
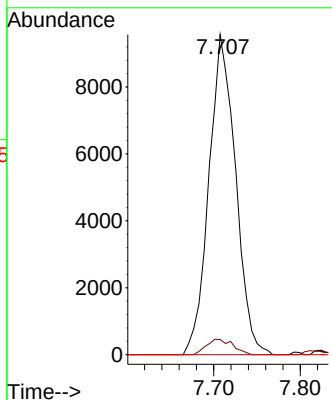


#38
Carbon Tetrachloride
Concen: 4.509 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY020646.D
Acq: 19 Dec 2024 11:07

Instrument :
MSVOA_Y
ClientSampleId :

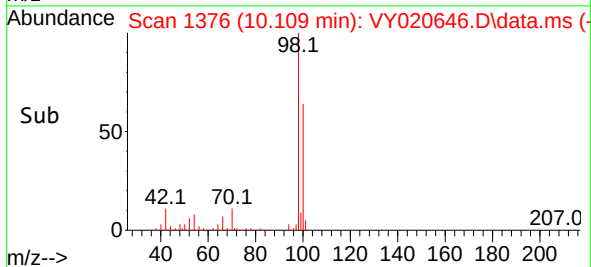
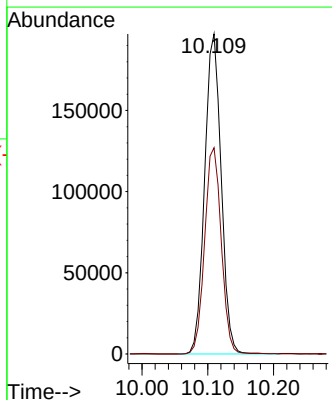
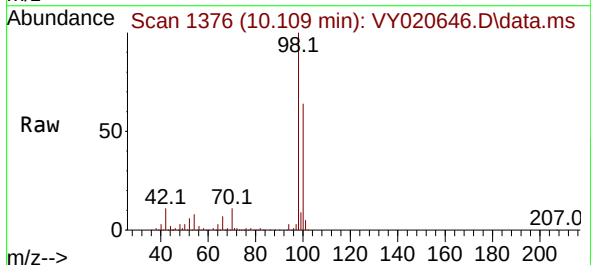


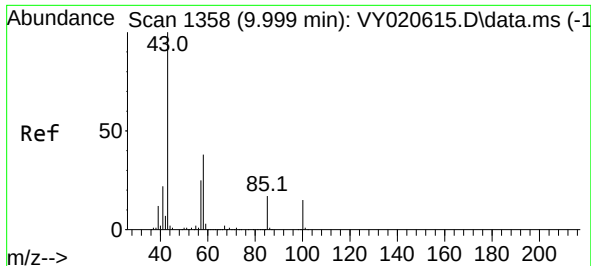
Tgt Ion:117 Resp: 20446
Ion Ratio Lower Upper
117 100
119 4.7 78.3 117.5#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 43.788 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY020646.D
Acq: 19 Dec 2024 11:07

Tgt Ion: 98 Resp: 344522
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1

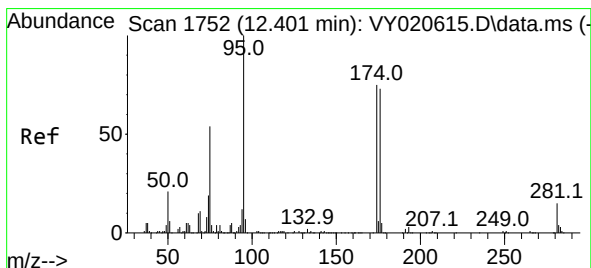
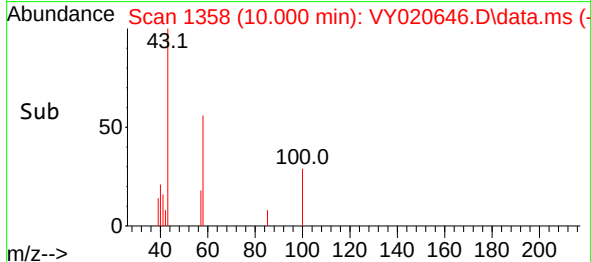
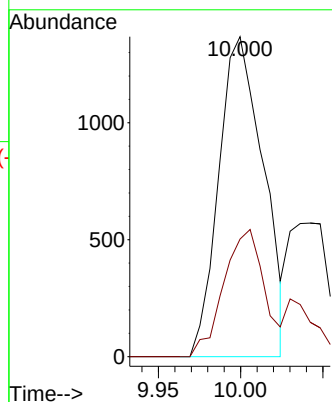
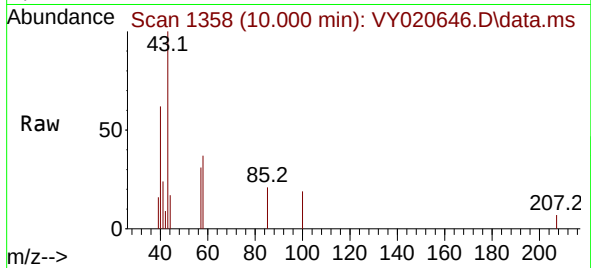




#51
4-Methyl-2-Pentanone
Concen: 1.335 ug/l
RT: 10.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020646.D
Acq: 19 Dec 2024 11:07

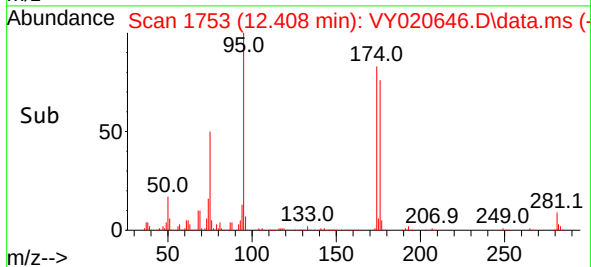
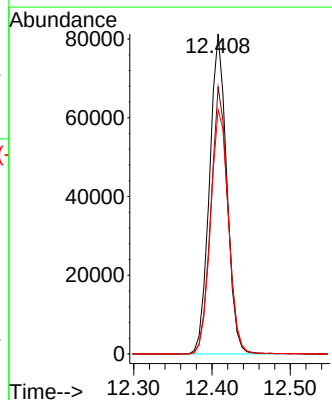
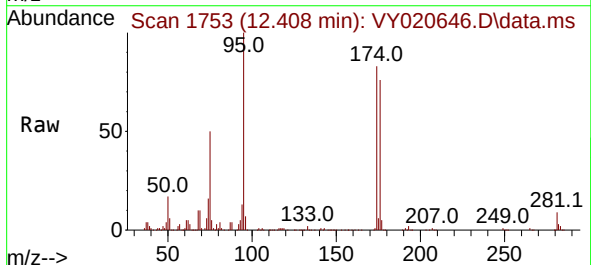
Instrument :
MSVOA_Y
ClientSampleId :

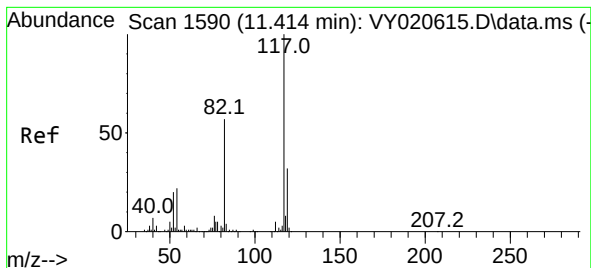
Tgt Ion: 43 Resp: 2573
Ion Ratio Lower Upper
43 100
58 36.5 31.4 47.2



#62
4-Bromofluorobenzene
Concen: 40.337 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020646.D
Acq: 19 Dec 2024 11:07

Tgt Ion: 95 Resp: 124147
Ion Ratio Lower Upper
95 100
174 82.7 0.0 161.8
176 79.1 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020646.D

Acq: 19 Dec 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

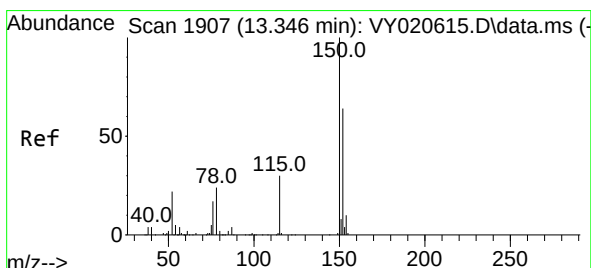
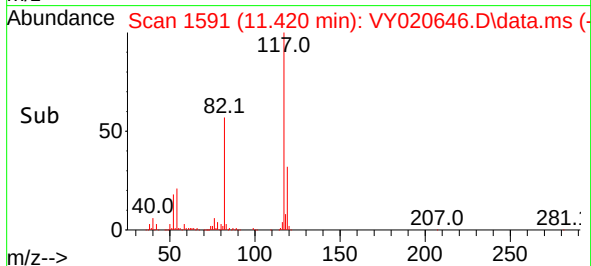
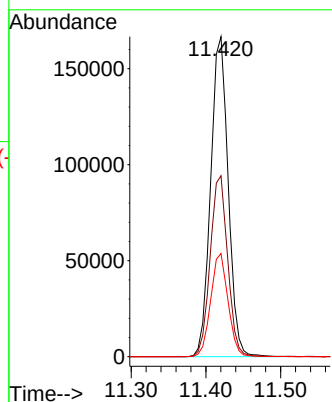
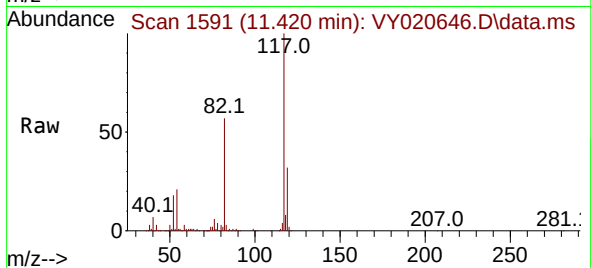
Tgt Ion:117 Resp: 271132

Ion Ratio Lower Upper

117 100

82 56.5 45.8 68.6

119 32.2 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020646.D

Acq: 19 Dec 2024 11:07

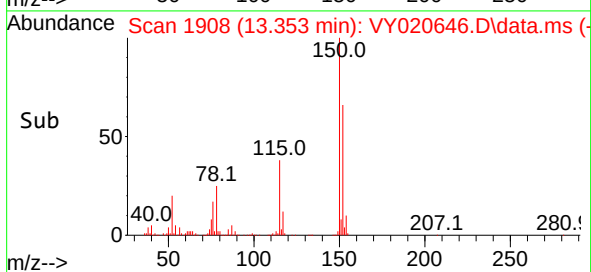
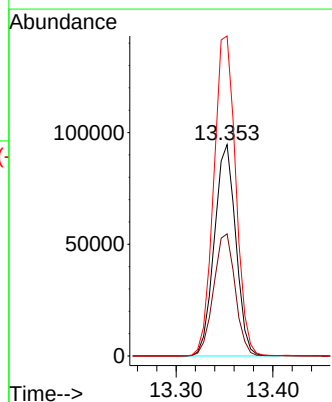
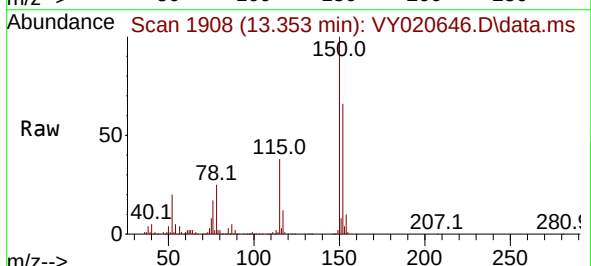
Tgt Ion:152 Resp: 145317

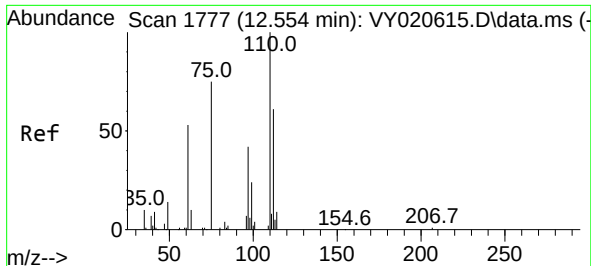
Ion Ratio Lower Upper

152 100

115 58.4 30.2 90.6

150 155.2 0.0 355.4

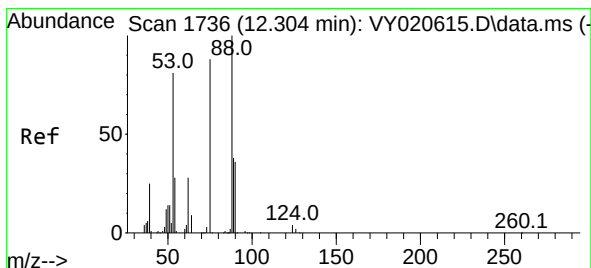
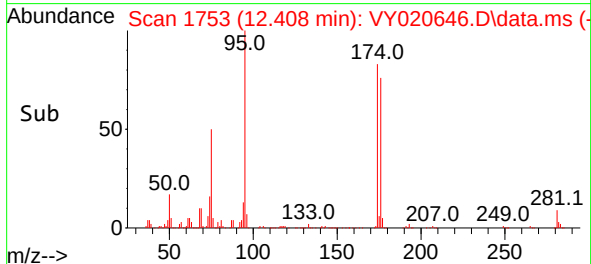
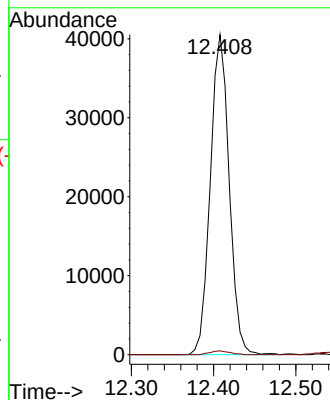
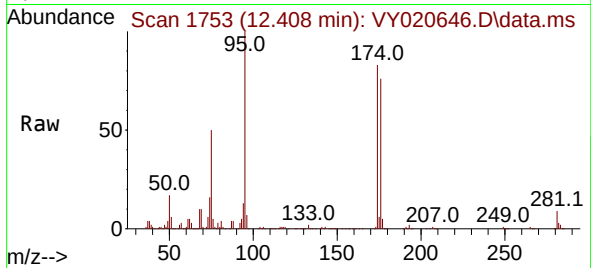




#76
1,2,3-Trichloropropane
Concen: 42.764 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020646.D
Acq: 19 Dec 2024 11:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 64555
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.764 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020646.D
Acq: 19 Dec 2024 11:07

Tgt Ion: 75 Resp: 64555
Ion Ratio Lower Upper
75 100
53 0.1 75.4 113.2#
89 0.1 37.0 55.4#

