

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121124\
 Data File : VY020585.D
 Acq On : 11 Dec 2024 14:00
 Operator : SY/MD
 Sample : P5223-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 11 22:13:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

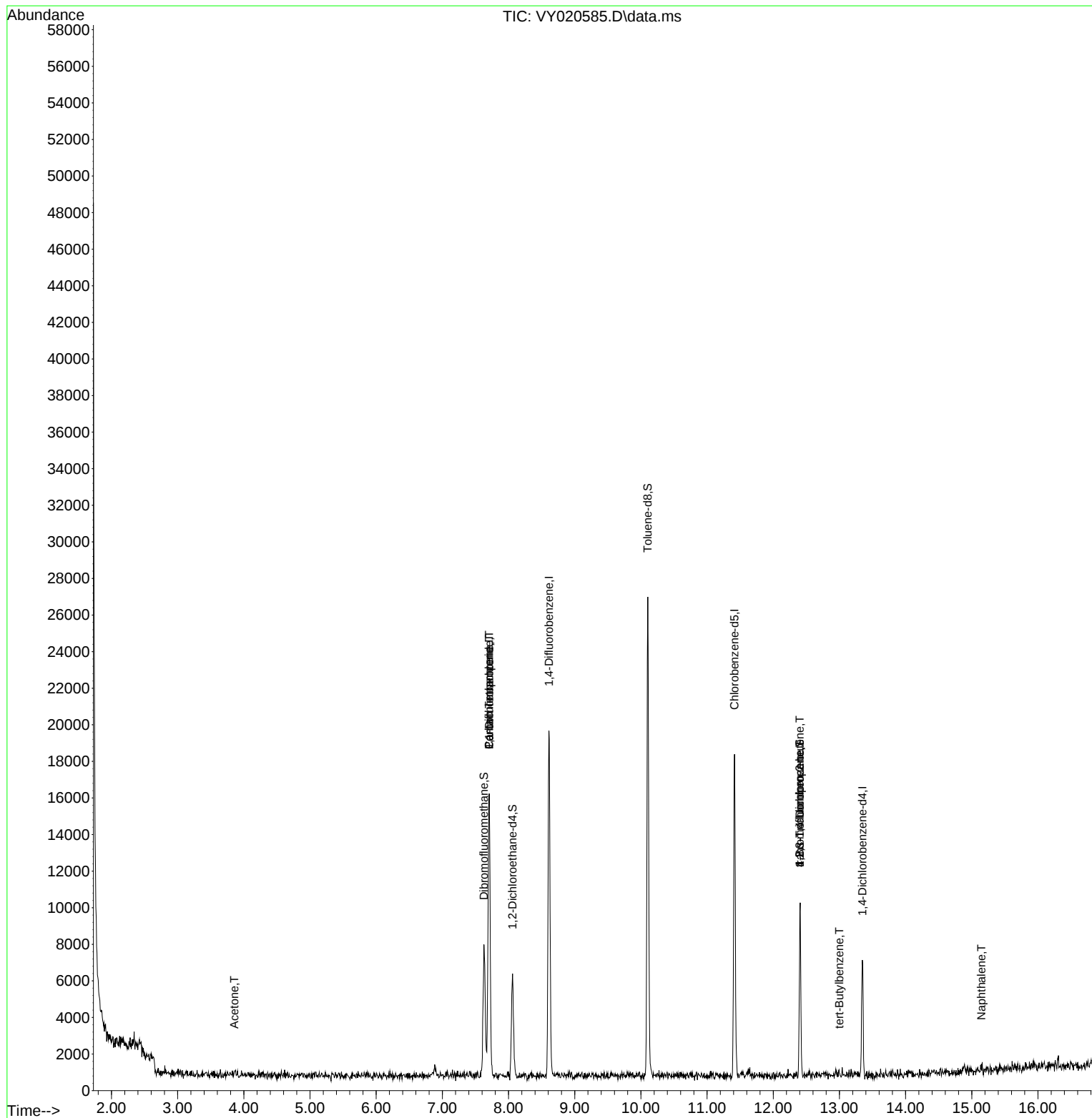
Internal Standards						
1) Pentafluorobenzene	7.707	168	12040	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	16395	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	10045	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	1924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	4501	36.758	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.520%
35) Dibromofluoromethane	7.628	113	5040	48.830	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.660%
50) Toluene-d8	10.103	98	17896	45.534	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.060%
62) 4-Bromofluorobenzene	12.401	95	3071	22.341	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	44.680%
Target Compounds						Qvalue
16) Acetone	3.854	43	207	6.799	ug/l #	43
36) 1,1-Dichloropropene	7.707	75	988	5.668	ug/l #	43
38) Carbon Tetrachloride	7.707	117	1251	6.014	ug/l #	11
76) 1,2,3-Trichloropropane	12.401	75	1715	87.502	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	1715	179.542	ug/l #	9
83) tert-Butylbenzene	12.999	119	141	1.045	ug/l #	51
95) Naphthalene	15.145	128	244	4.253	ug/l #	69

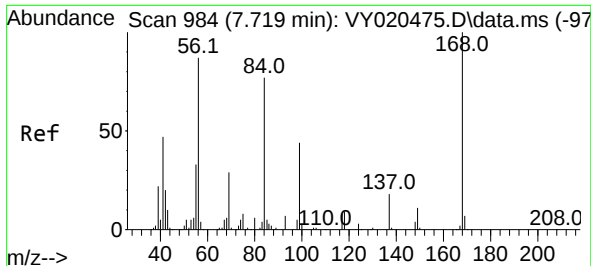
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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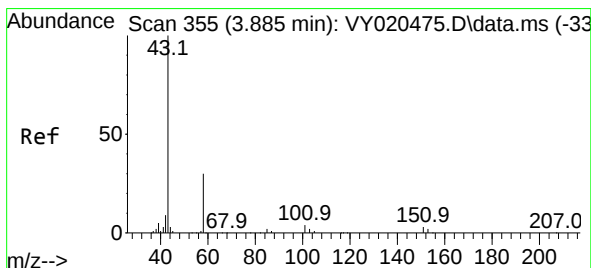
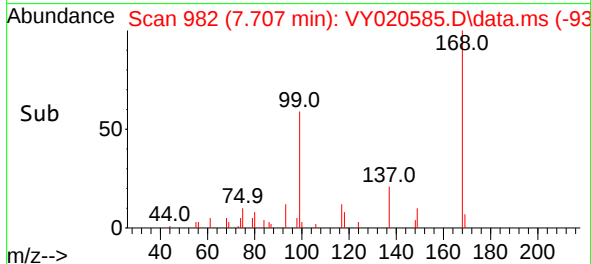
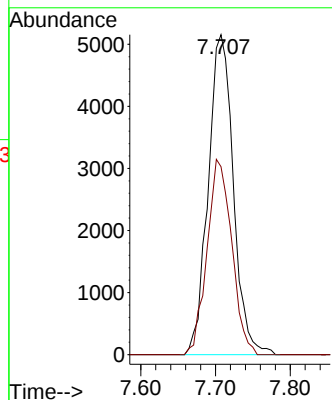
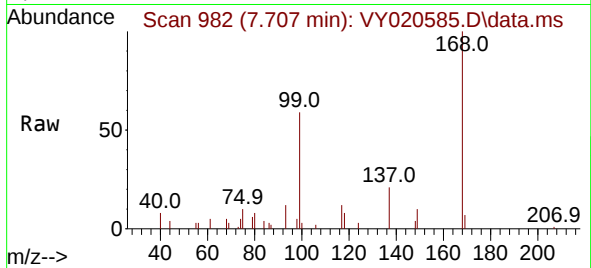




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020585.D
Acq: 11 Dec 2024 14:00

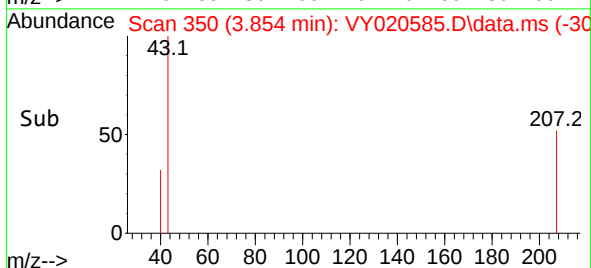
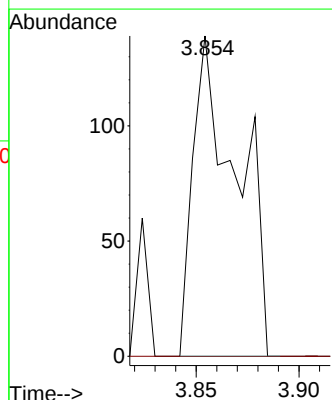
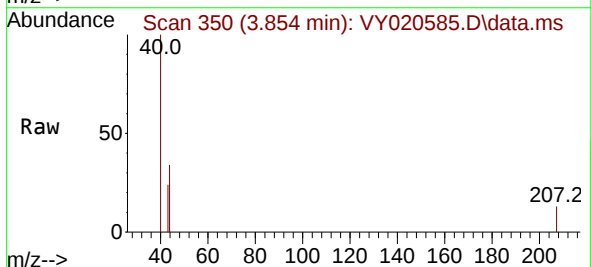
Instrument :
MSVOA_Y
ClientSampleId :

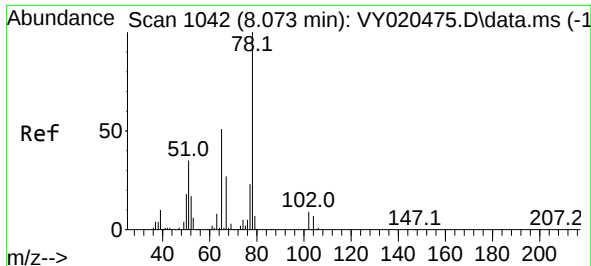
Tgt Ion:168 Resp: 12040
Ion Ratio Lower Upper
168 100
99 58.8 46.6 69.8



#16
Acetone
Concen: 6.799 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.031 min
Lab File: VY020585.D
Acq: 11 Dec 2024 14:00

Tgt Ion: 43 Resp: 207
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#





#33

1,2-Dichloroethane-d4

Concen: 36.758 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020585.D

Acq: 11 Dec 2024 14:00

Instrument :

MSVOA_Y

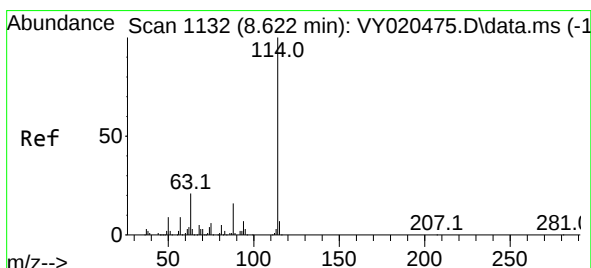
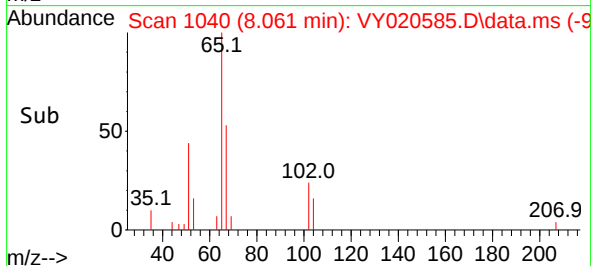
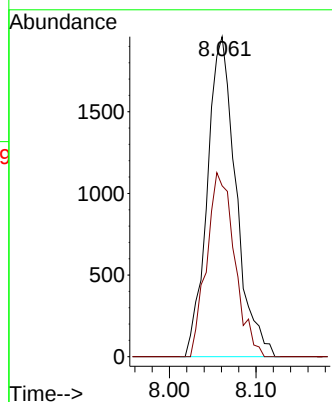
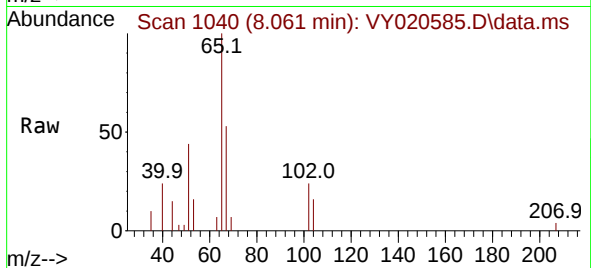
ClientSampleId :

Tgt Ion: 65 Resp: 4501

Ion Ratio Lower Upper

65 100

67 56.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY020585.D

Acq: 11 Dec 2024 14:00

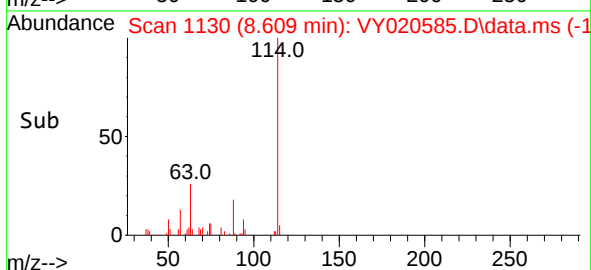
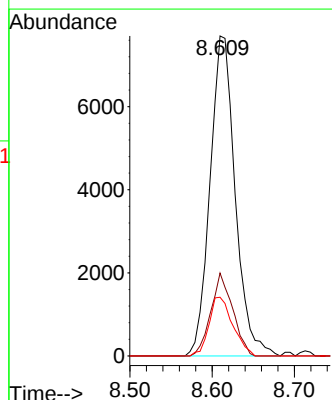
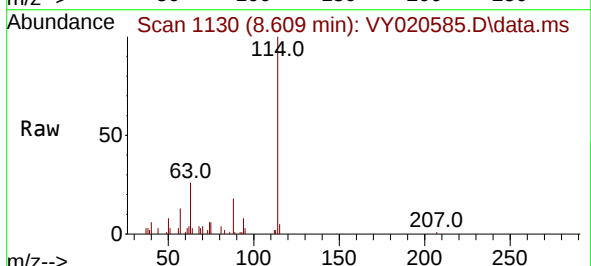
Tgt Ion: 114 Resp: 16395

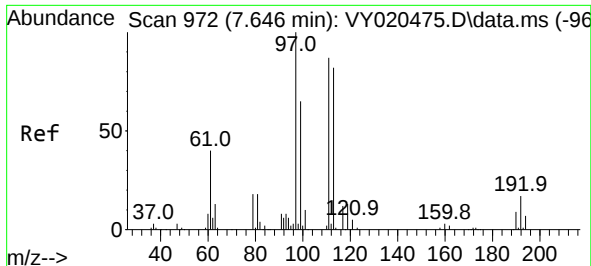
Ion Ratio Lower Upper

114 100

63 25.9 0.0 44.8

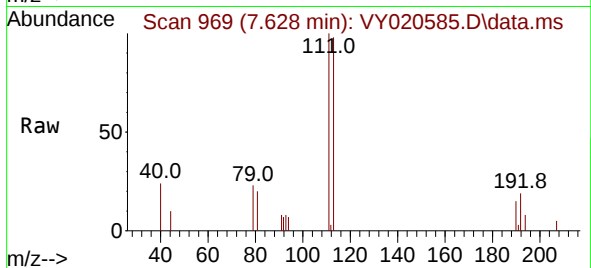
88 18.4 0.0 32.0



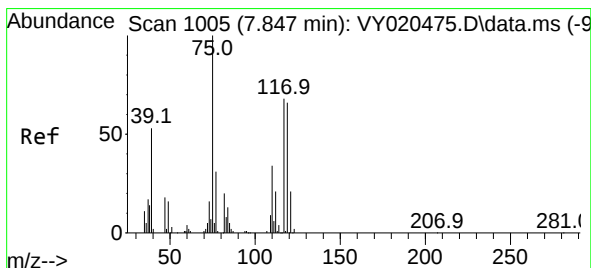
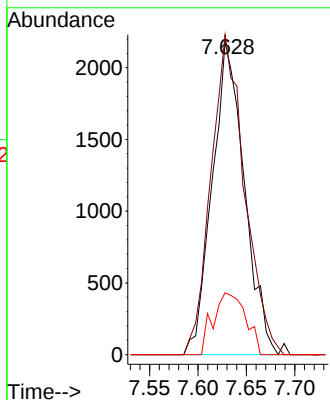
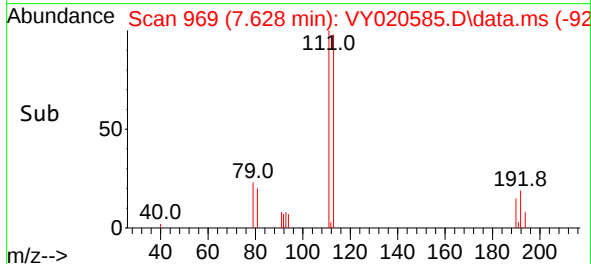


#35
Dibromofluoromethane
Concen: 48.830 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.018 min
Lab File: VY020585.D
Acq: 11 Dec 2024 14:00

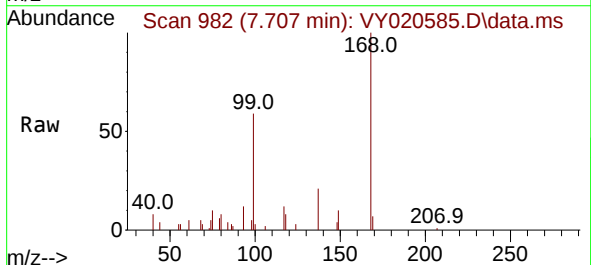
Instrument :
MSVOA_Y
ClientSampleId :



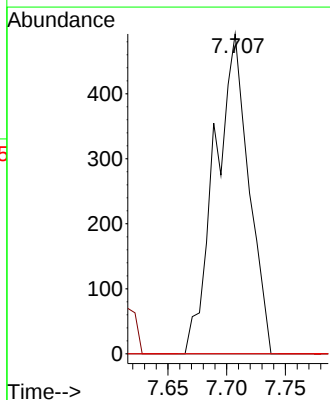
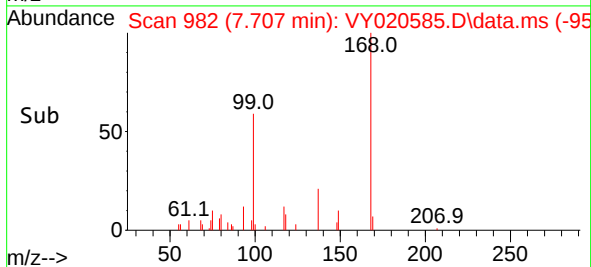
Tgt Ion:113 Resp: 5040
Ion Ratio Lower Upper
113 100
111 107.1 81.4 122.0
192 19.9 15.1 22.7

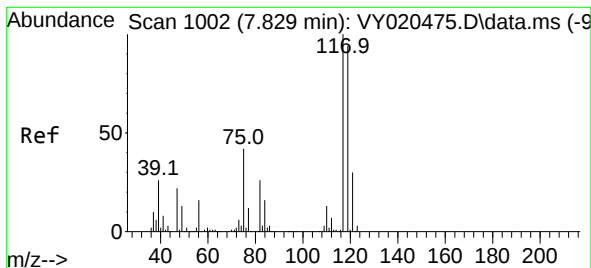


#36
1,1-Dichloropropene
Concen: 5.668 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.140 min
Lab File: VY020585.D
Acq: 11 Dec 2024 14:00



Tgt Ion: 75 Resp: 988
Ion Ratio Lower Upper
75 100
110 0.0 16.7 50.0#
77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 6.014 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY020585.D

Acq: 11 Dec 2024 14:00

Instrument :

MSVOA_Y

ClientSampleId :

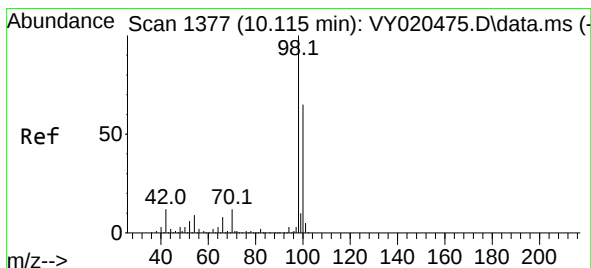
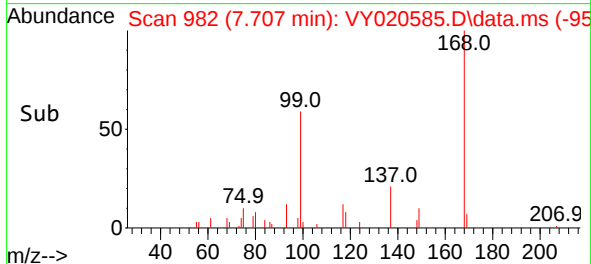
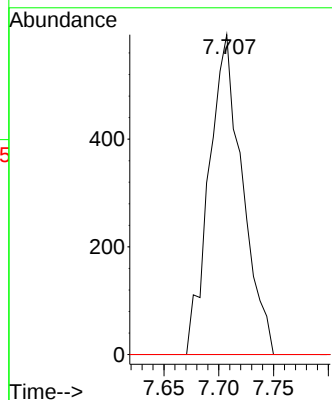
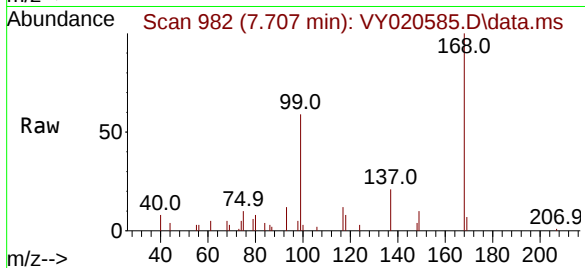
Tgt Ion:117 Resp: 1251

Ion Ratio Lower Upper

117 100

119 0.0 77.8 116.6#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 45.534 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020585.D

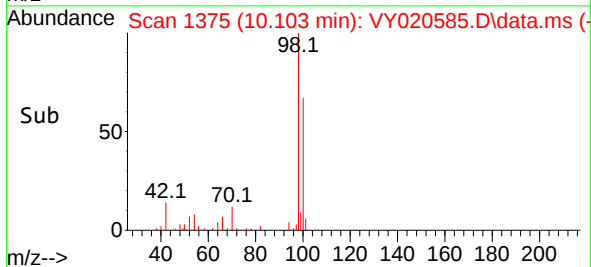
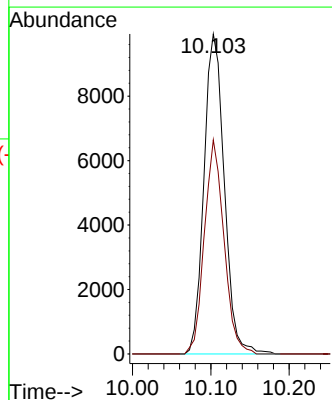
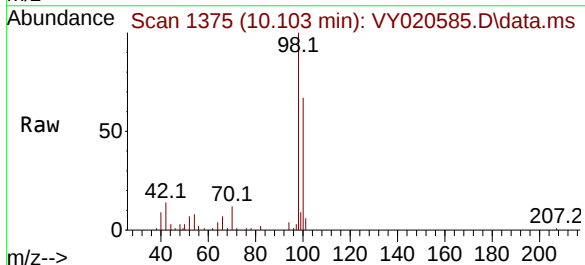
Acq: 11 Dec 2024 14:00

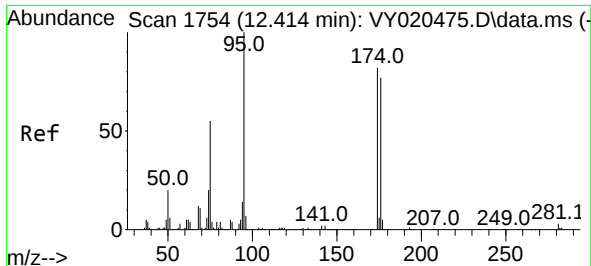
Tgt Ion: 98 Resp: 17896

Ion Ratio Lower Upper

98 100

100 64.5 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 22.341 ug/l

RT: 12.401 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020585.D

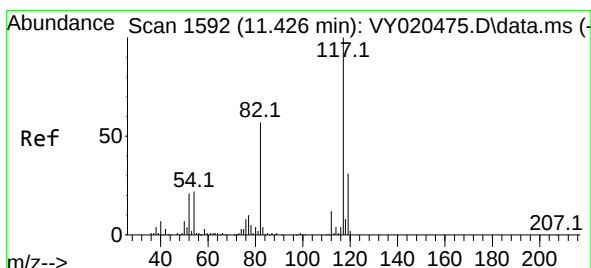
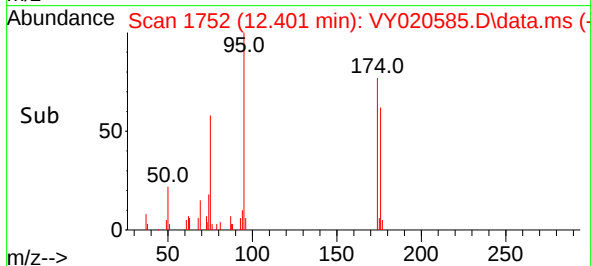
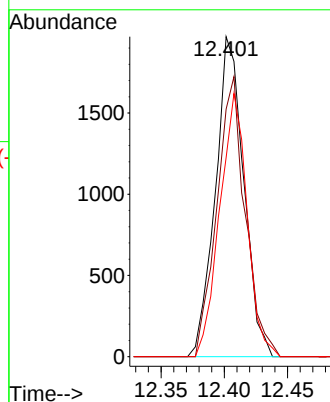
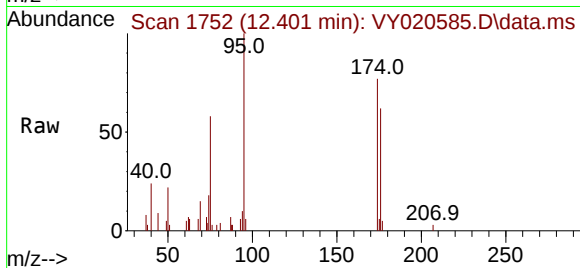
Acq: 11 Dec 2024 14:00

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 95	Resp: 3071
Ion Ratio	Lower Upper
95 100	
174 87.4	0.0 156.8
176 79.4	0.0 152.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

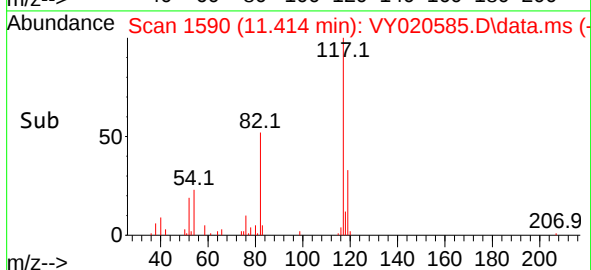
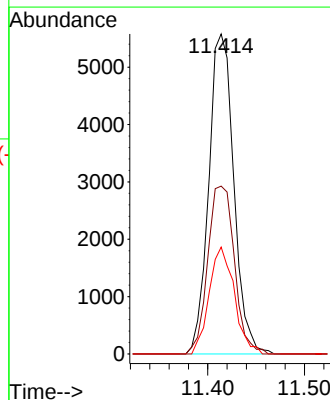
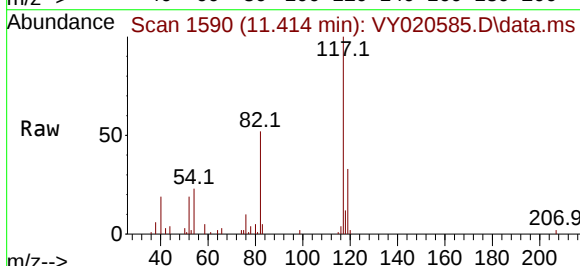
RT: 11.414 min Scan# 1590

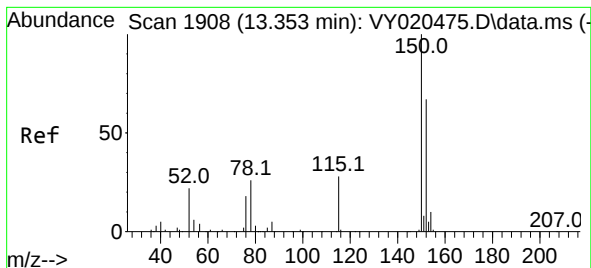
Delta R.T. -0.012 min

Lab File: VY020585.D

Acq: 11 Dec 2024 14:00

Tgt Ion: 117	Resp: 10045
Ion Ratio	Lower Upper
117 100	
82 52.5	48.2 72.4
119 33.4	25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1908

Delta R.T. -0.006 min

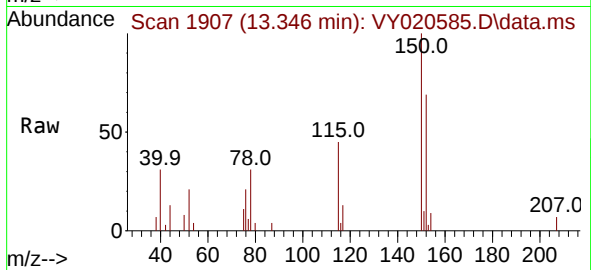
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Acq: 11 Dec 2024 14:00

Instrument :

MSVOA_Y

ClientSampleId :



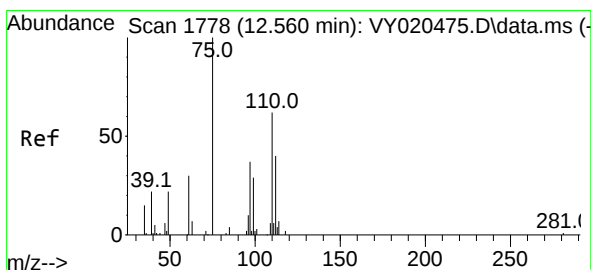
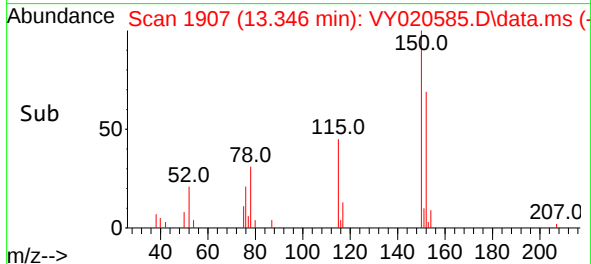
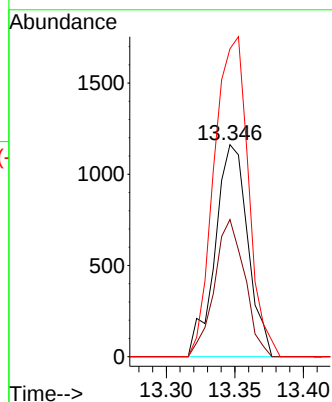
Tgt Ion:152 Resp: 1924

Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.0

150 158.1 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 87.502 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.159 min

Lab File: VY020585.D

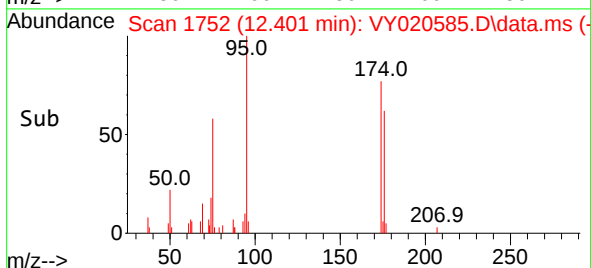
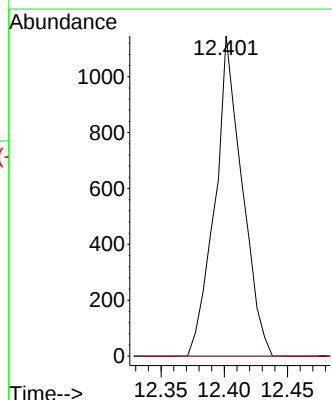
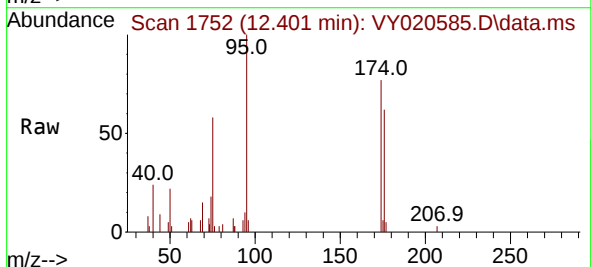
Acq: 11 Dec 2024 14:00

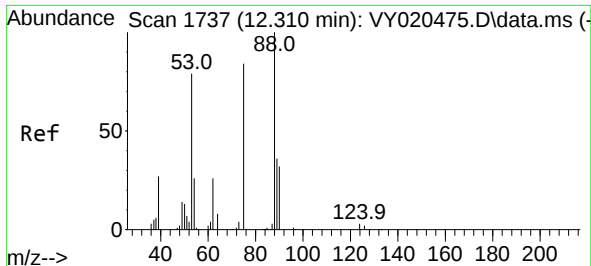
Tgt Ion: 75 Resp: 1715

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

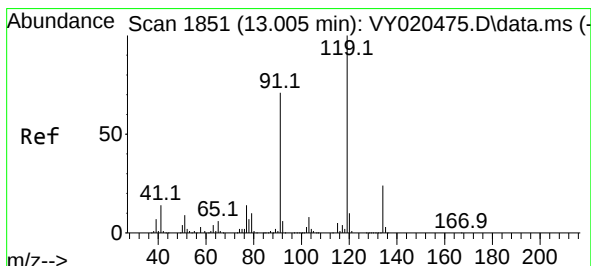
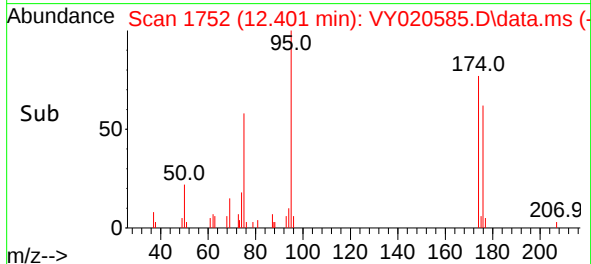
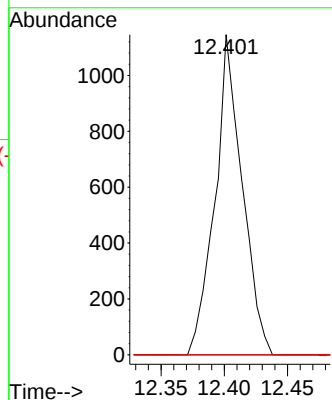
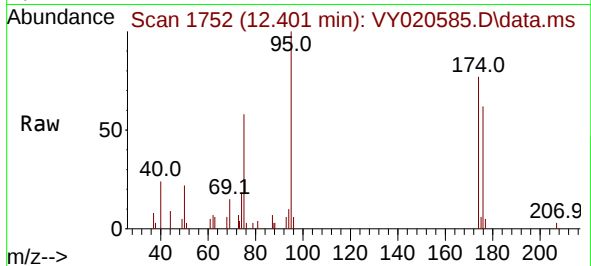




#81
 trans-1,4-Dichloro-2-butene
 Concen: 179.542 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. 0.091 min
 Lab File: VY020585.D
 Acq: 11 Dec 2024 14:00

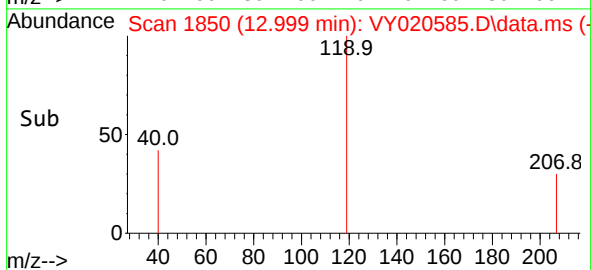
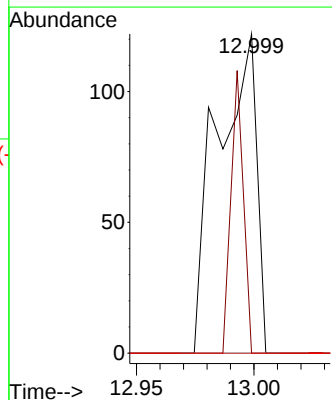
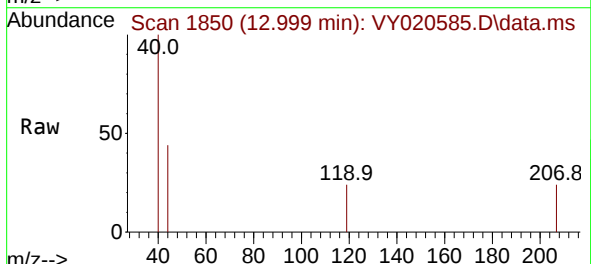
Instrument :
 MSVOA_Y
 ClientSampleId :

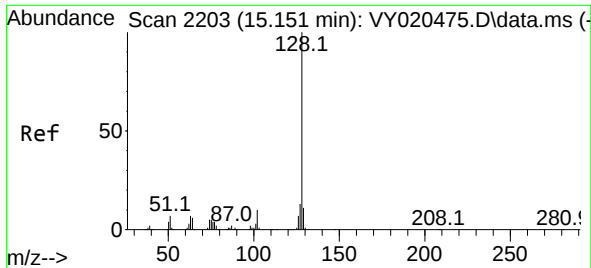
Tgt Ion: 75 Resp: 1715
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.1 121.7#
 89 0.0 35.1 52.7#



#83
 tert-Butylbenzene
 Concen: 1.045 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: VY020585.D
 Acq: 11 Dec 2024 14:00

Tgt Ion: 119 Resp: 141
 Ion Ratio Lower Upper
 119 100
 91 28.4 33.3 99.9#
 134 0.0 13.0 38.9#





#95

Naphthalene

Concen: 4.253 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

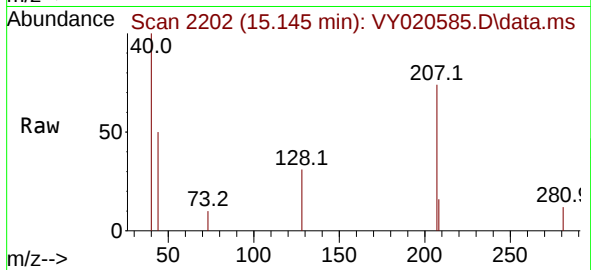
Lab File: VY020585.D

Acq: 11 Dec 2024 14:00

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 244

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 13.0#

