

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020577.D
 Acq On : 10 Dec 2024 18:30
 Operator : SY/MD
 Sample : P5194-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 11 00:53:26 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)

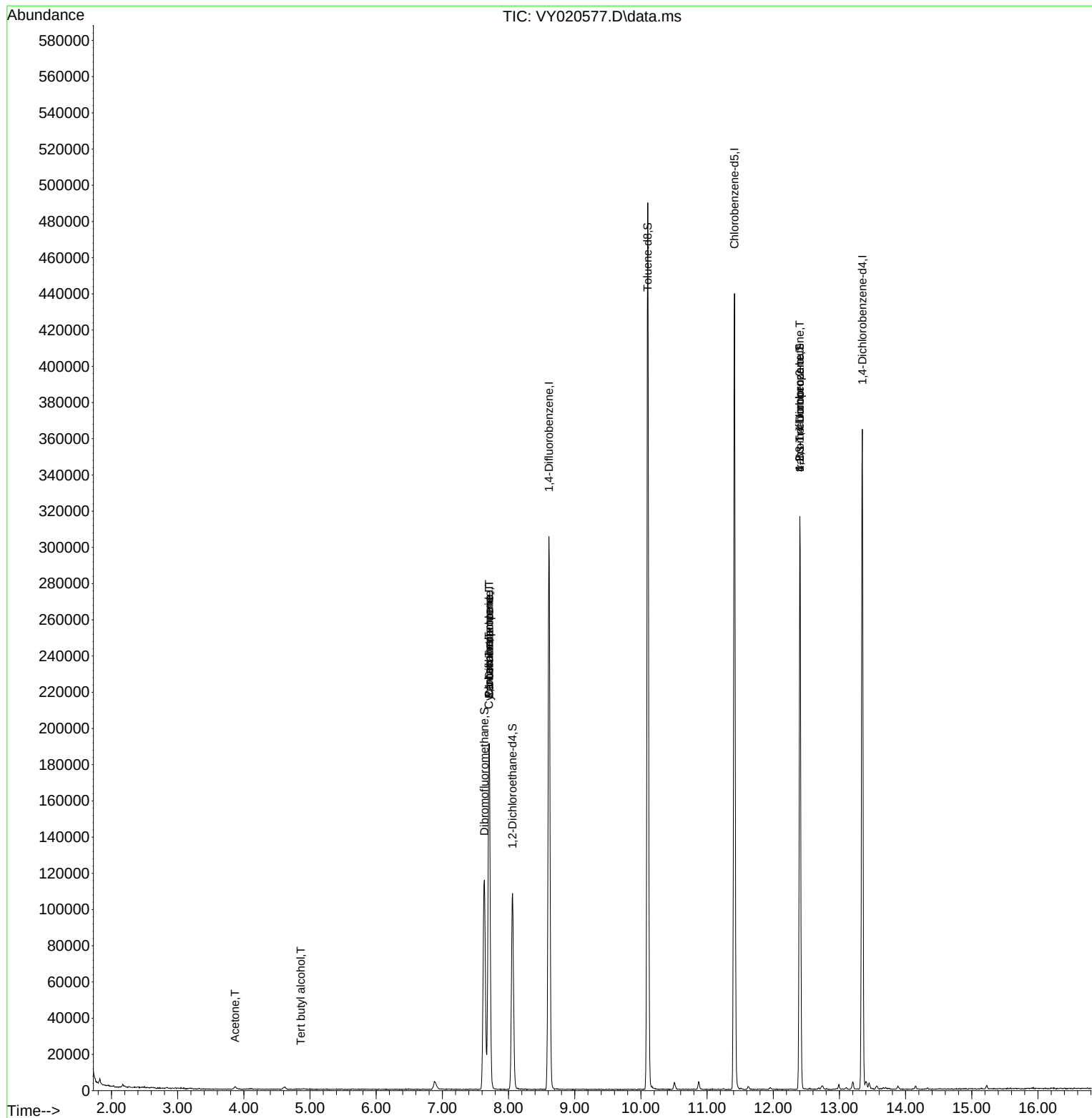
Internal Standards						
1) Pentafluorobenzene	7.707	168	144830	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	254650	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	223520	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	90631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	87593	59.468	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.940%			
35) Dibromofluoromethane	7.634	113	82543	51.488	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.980%			
50) Toluene-d8	10.103	98	309468	50.695	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.400%			
62) 4-Bromofluorobenzene	12.402	95	96448	45.174	ug/l	-0.01
Spiked Amount 50.000	Range 29 - 146		Recovery = 90.340%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.860	59	102	1.068	ug/l #	73
16) Acetone	3.866	43	2587	7.064	ug/l	94
31) Cyclohexane	7.701	56	3247	1.119	ug/l #	2
36) 1,1-Dichloropropene	7.707	75	11707	4.324	ug/l #	52
38) Carbon Tetrachloride	7.707	117	15354	4.752	ug/l #	16
76) 1,2,3-Trichloropropane	12.402	75	52203	56.543	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	52203	116.018	ug/l #	9

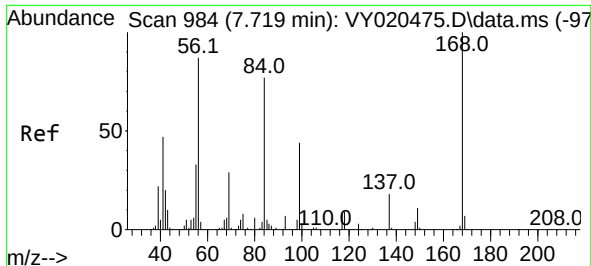
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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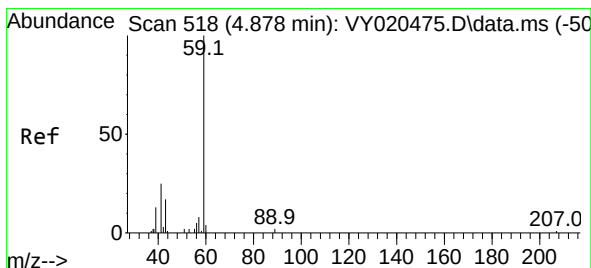
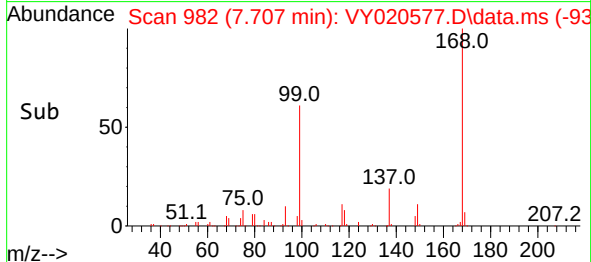
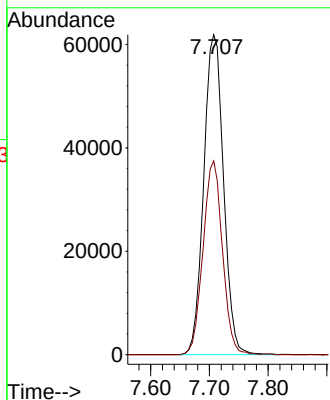
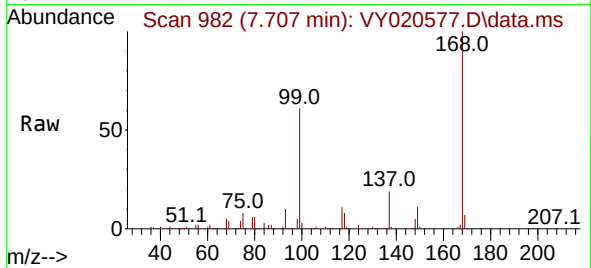




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020577.D
Acq: 10 Dec 2024 18:30

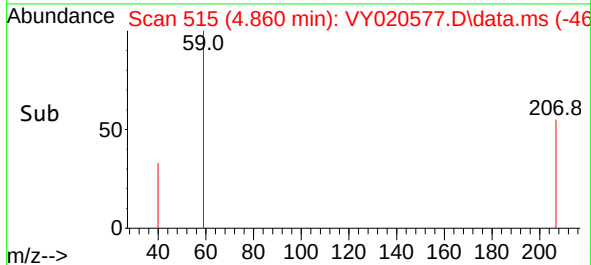
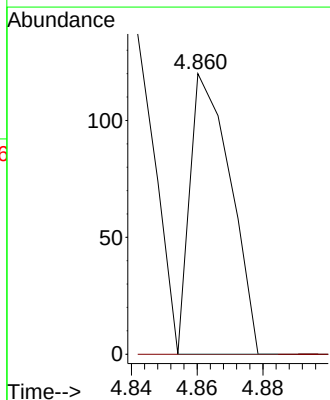
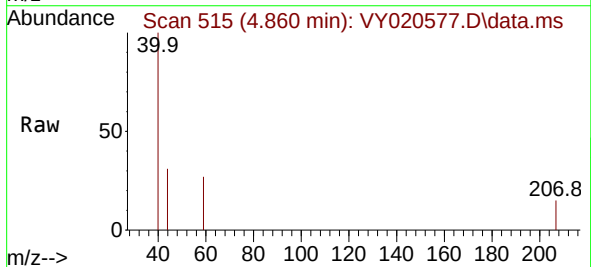
Instrument :
MSVOA_Y
ClientSampleId :

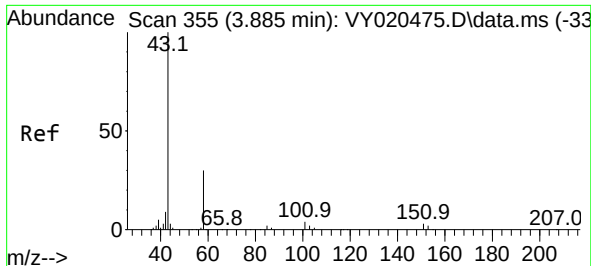
Tgt Ion:168 Resp: 144830
Ion Ratio Lower Upper
168 100
99 60.5 46.6 69.8



#11
Tert butyl alcohol
Concen: 1.068 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY020577.D
Acq: 10 Dec 2024 18:30

Tgt Ion: 59 Resp: 102
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: 7.064 ug/l

RT: 3.866 min Scan# 31

Delta R.T. -0.018 min

Lab File: VY020577.D

Acq: 10 Dec 2024 18:30

Instrument :

MSVOA_Y

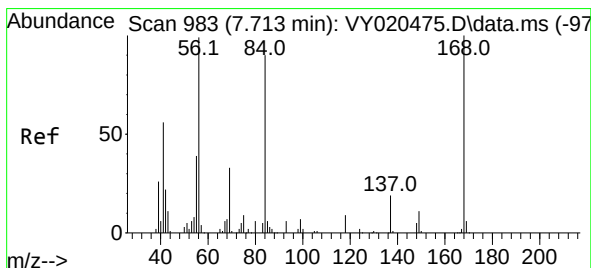
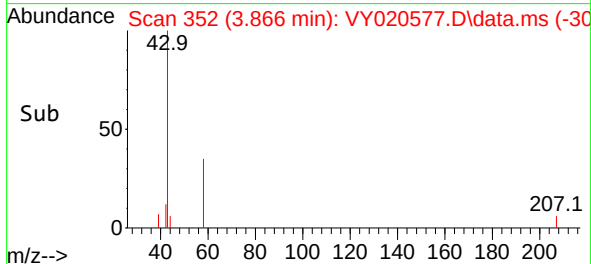
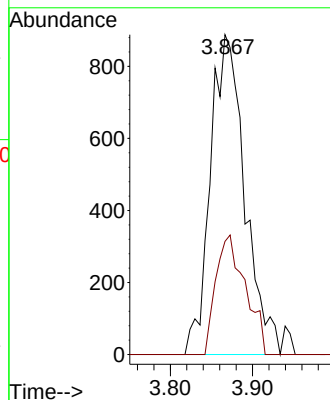
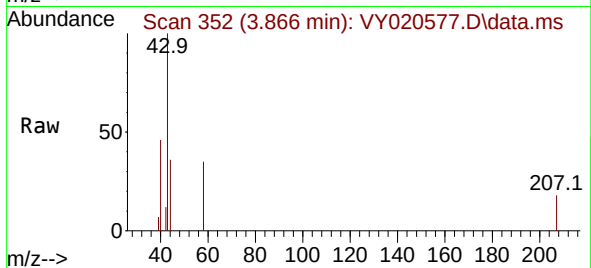
ClientSampleId :

Tgt Ion: 43 Resp: 2587

Ion Ratio Lower Upper

43 100

58 35.4 25.7 38.5



#31

Cyclohexane

Concen: 1.119 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.012 min

Lab File: VY020577.D

Acq: 10 Dec 2024 18:30

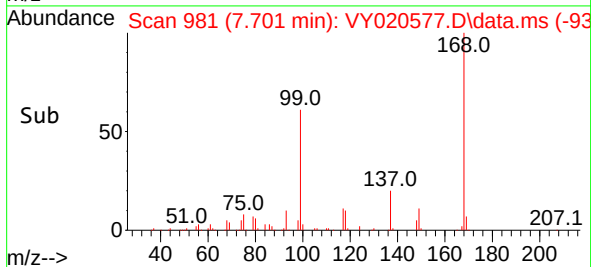
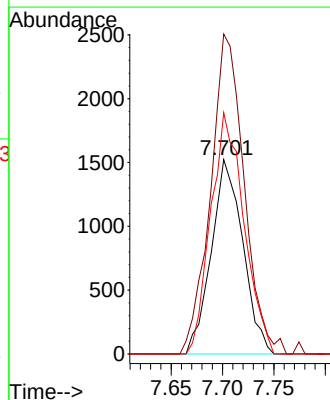
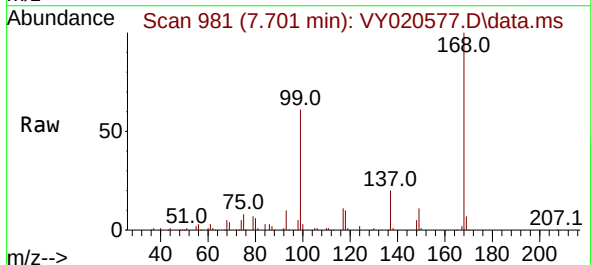
Tgt Ion: 56 Resp: 3247

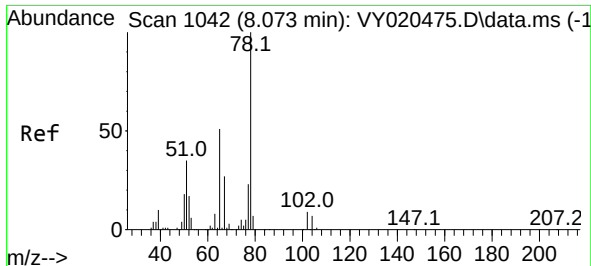
Ion Ratio Lower Upper

56 100

69 164.6 25.3 37.9#

84 124.1 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 59.468 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020577.D

Acq: 10 Dec 2024 18:30

Instrument :

MSVOA_Y

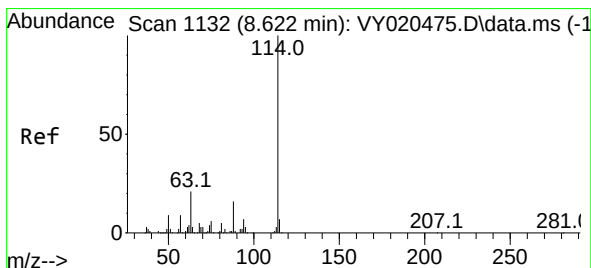
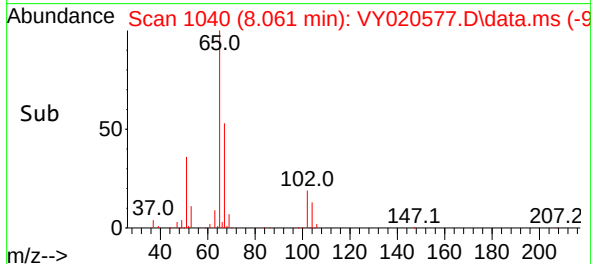
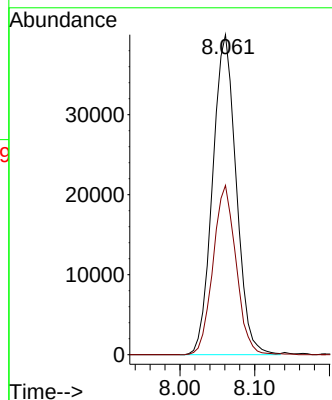
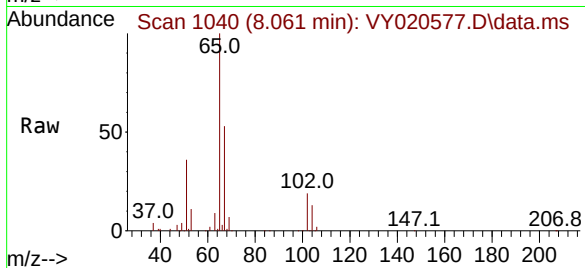
ClientSampleId :

Tgt Ion: 65 Resp: 87593

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY020577.D

Acq: 10 Dec 2024 18:30

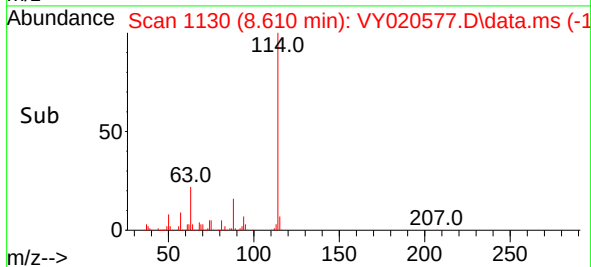
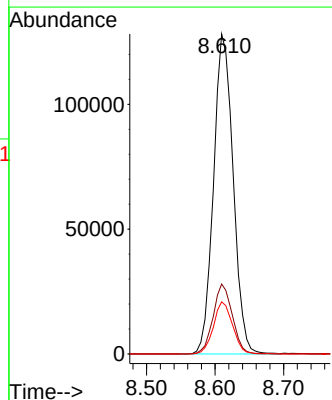
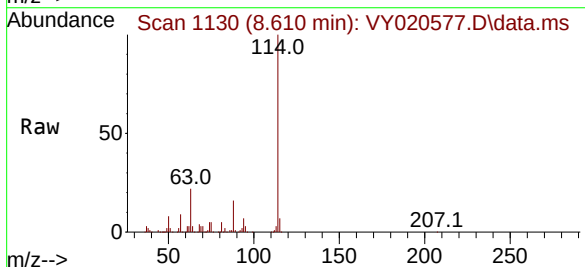
Tgt Ion: 114 Resp: 254650

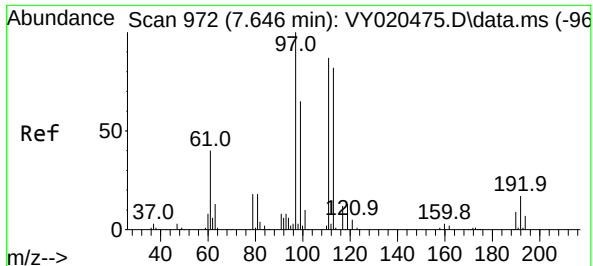
Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.8

88 16.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.488 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY020577.D

Acq: 10 Dec 2024 18:30

Instrument :

MSVOA_Y

ClientSampleId :

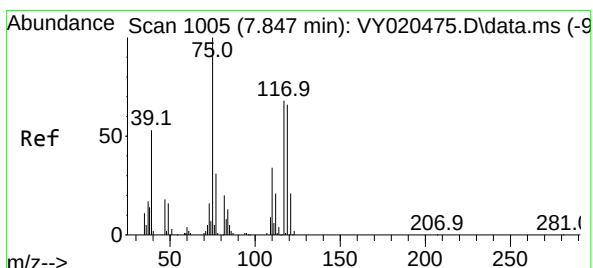
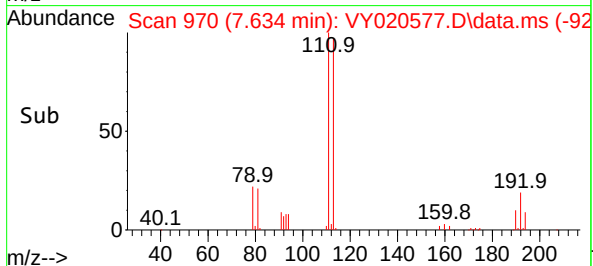
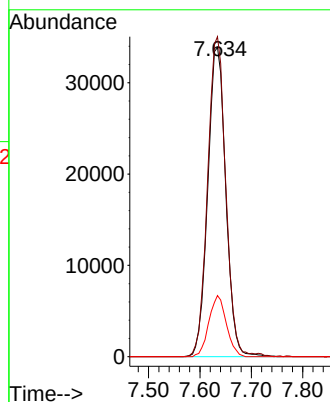
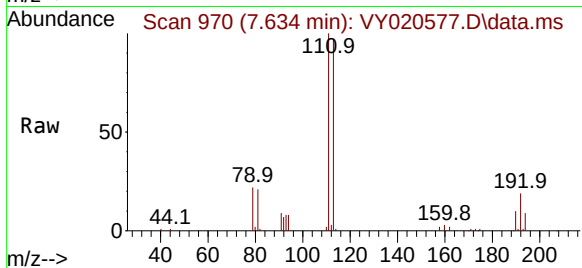
Tgt Ion:113 Resp: 82543

Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

192 19.2 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.324 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.140 min

Lab File: VY020577.D

Acq: 10 Dec 2024 18:30

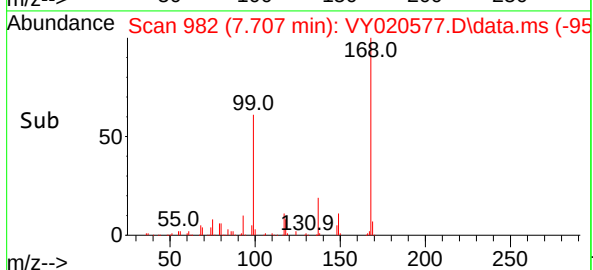
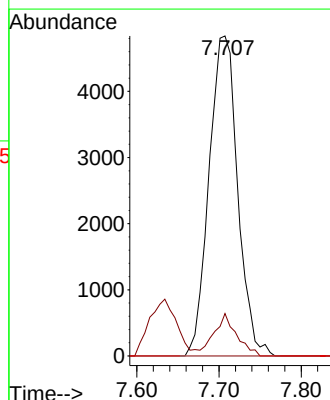
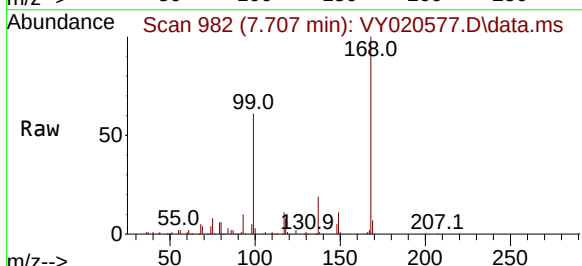
Tgt Ion: 75 Resp: 11707

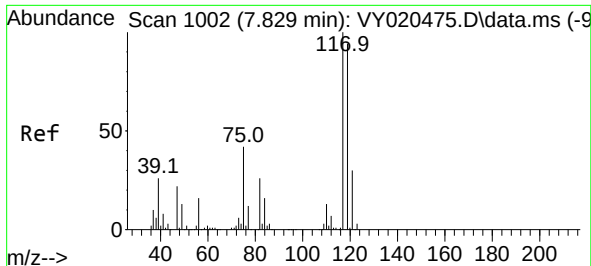
Ion Ratio Lower Upper

75 100

110 10.3 16.7 50.0#

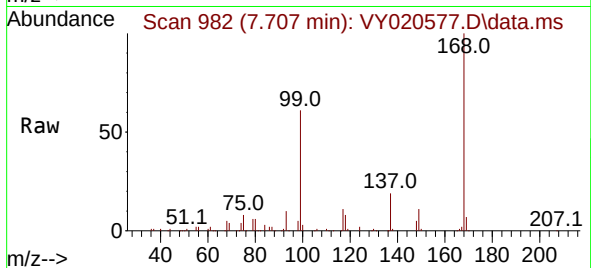
77 0.0 24.6 36.8#



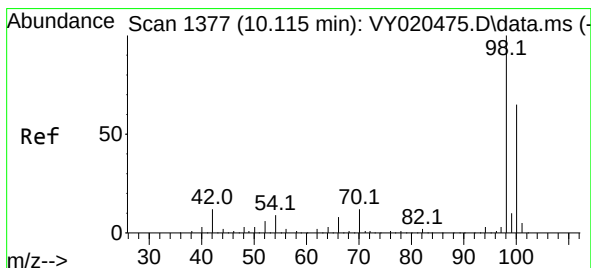
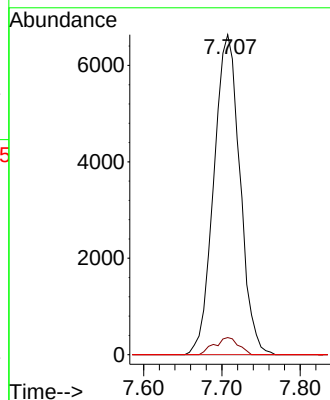
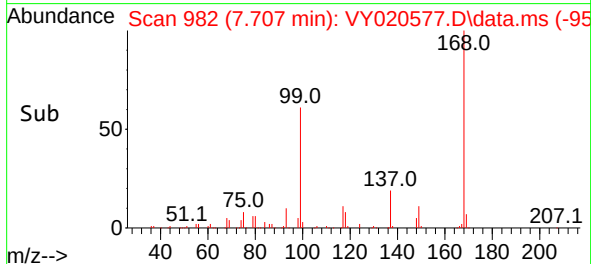


#38
Carbon Tetrachloride
Concen: 4.752 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY020577.D
Acq: 10 Dec 2024 18:30

Instrument :
MSVOA_Y
ClientSampleId :

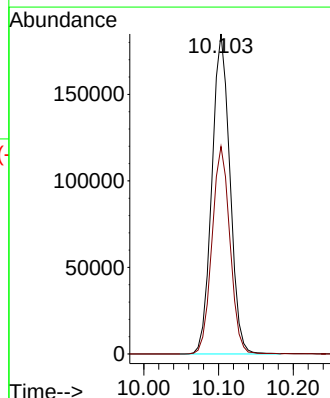
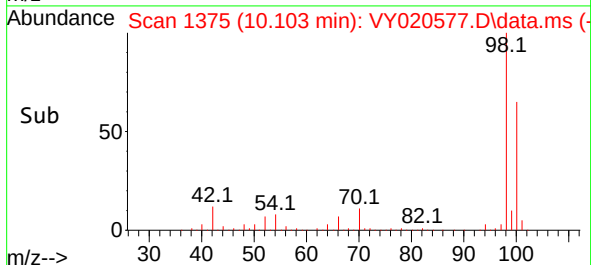
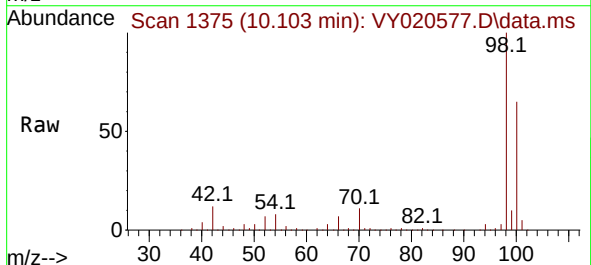


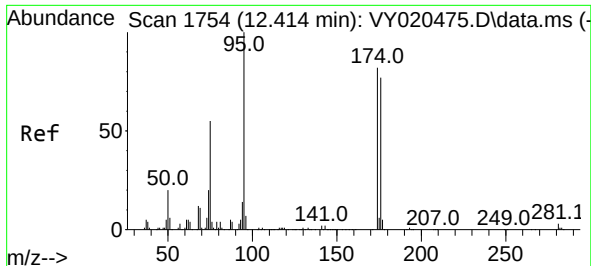
Tgt Ion:117 Resp: 15354
Ion Ratio Lower Upper
117 100
119 5.4 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 50.695 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.012 min
Lab File: VY020577.D
Acq: 10 Dec 2024 18:30

Tgt Ion: 98 Resp: 309468
Ion Ratio Lower Upper
98 100
100 64.6 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 45.174 ug/l

RT: 12.402 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020577.D

Acq: 10 Dec 2024 18:30

Instrument :

MSVOA_Y

ClientSampleId :

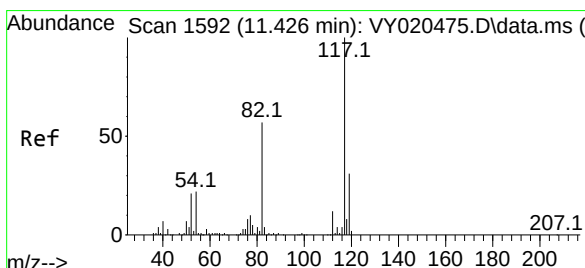
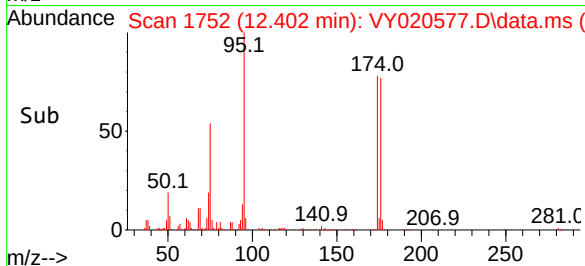
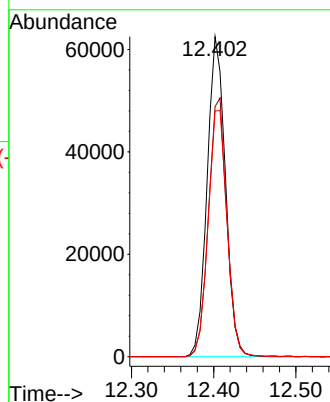
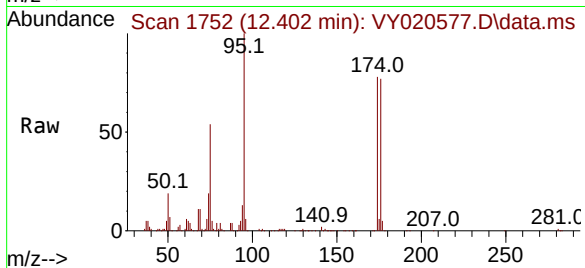
Tgt Ion: 95 Resp: 96448

Ion Ratio Lower Upper

95 100

174 81.2 0.0 156.8

176 79.9 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: VY020577.D

Acq: 10 Dec 2024 18:30

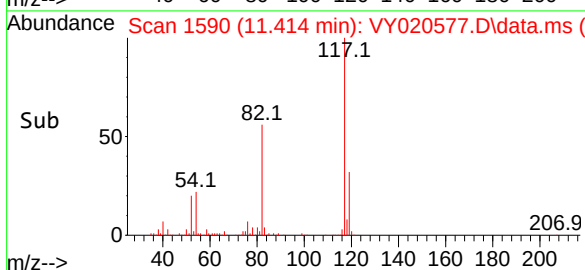
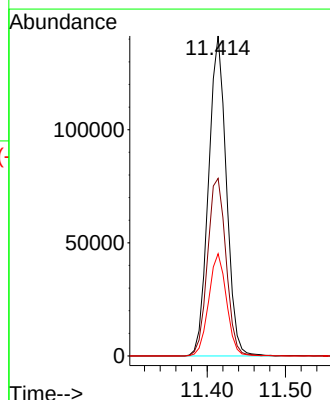
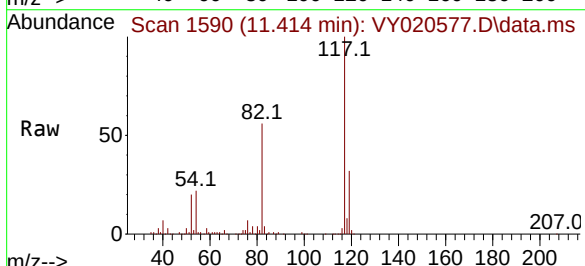
Tgt Ion: 117 Resp: 223520

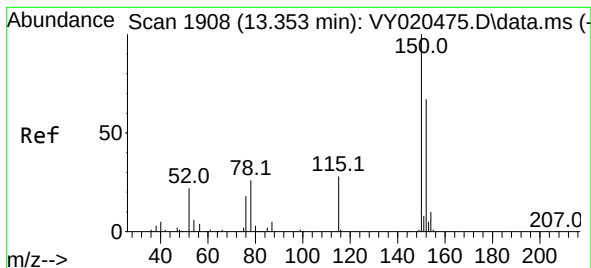
Ion Ratio Lower Upper

117 100

82 55.5 48.2 72.4

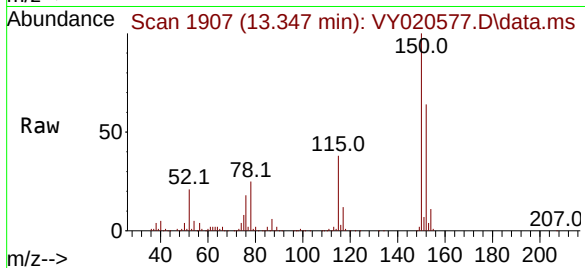
119 31.9 25.8 38.8



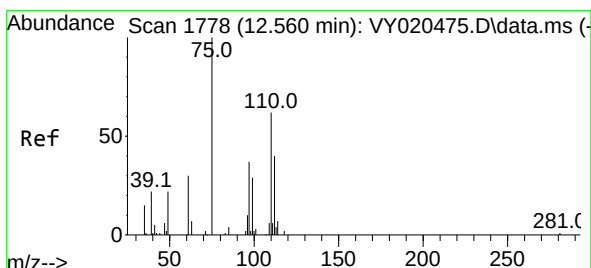
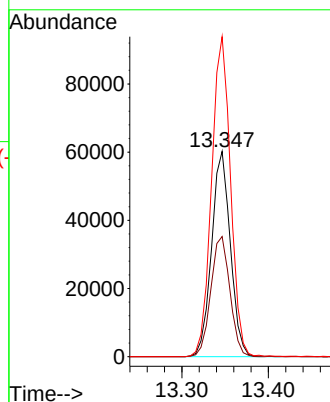
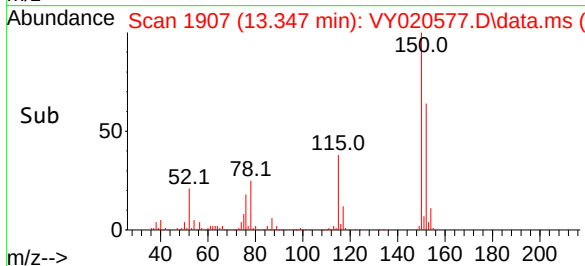


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VY020577.D
Acq: 10 Dec 2024 18:30

Instrument :
MSVOA_Y
ClientSampleId :

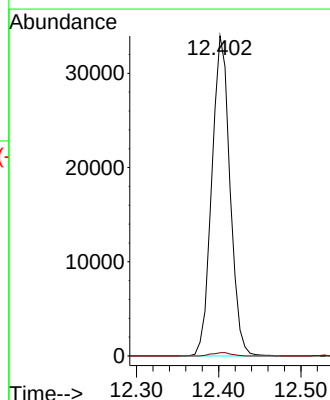
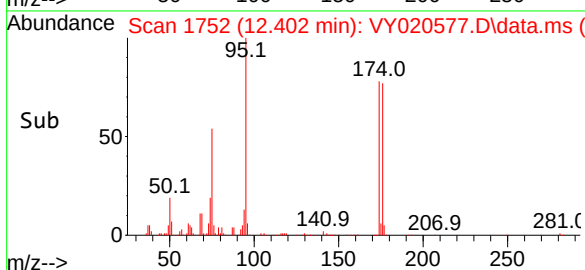
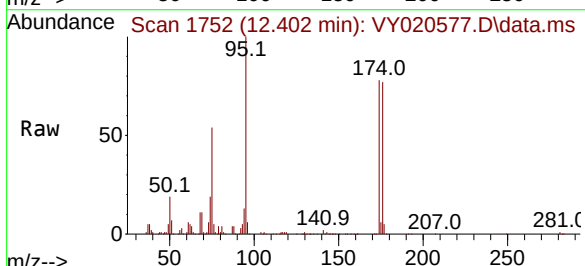


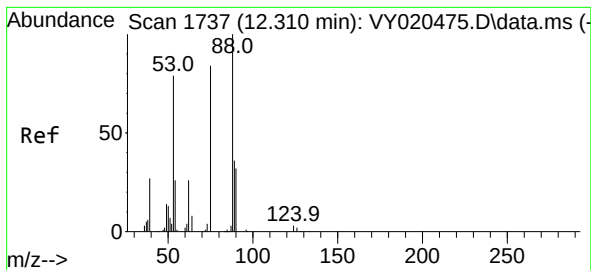
Tgt Ion:152 Resp: 90631
Ion Ratio Lower Upper
152 100
115 59.5 30.0 90.0
150 157.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 56.543 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.159 min
Lab File: VY020577.D
Acq: 10 Dec 2024 18:30

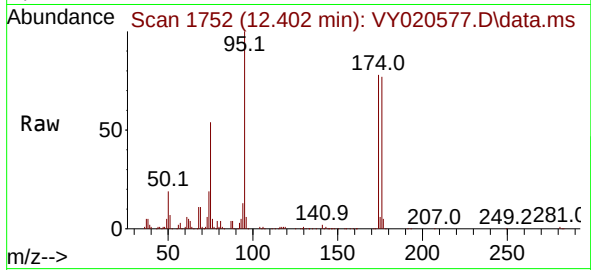
Tgt Ion: 75 Resp: 52203
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.018 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.091 min
 Lab File: VY020577.D
 Acq: 10 Dec 2024 18:30

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.1	121.7#
89	0.2	35.1	52.7#

