

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121124\
 Data File : VY020586.D
 Acq On : 11 Dec 2024 15:00
 Operator : SY/MD
 Sample : P5239-03
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 11 22:13:50 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)

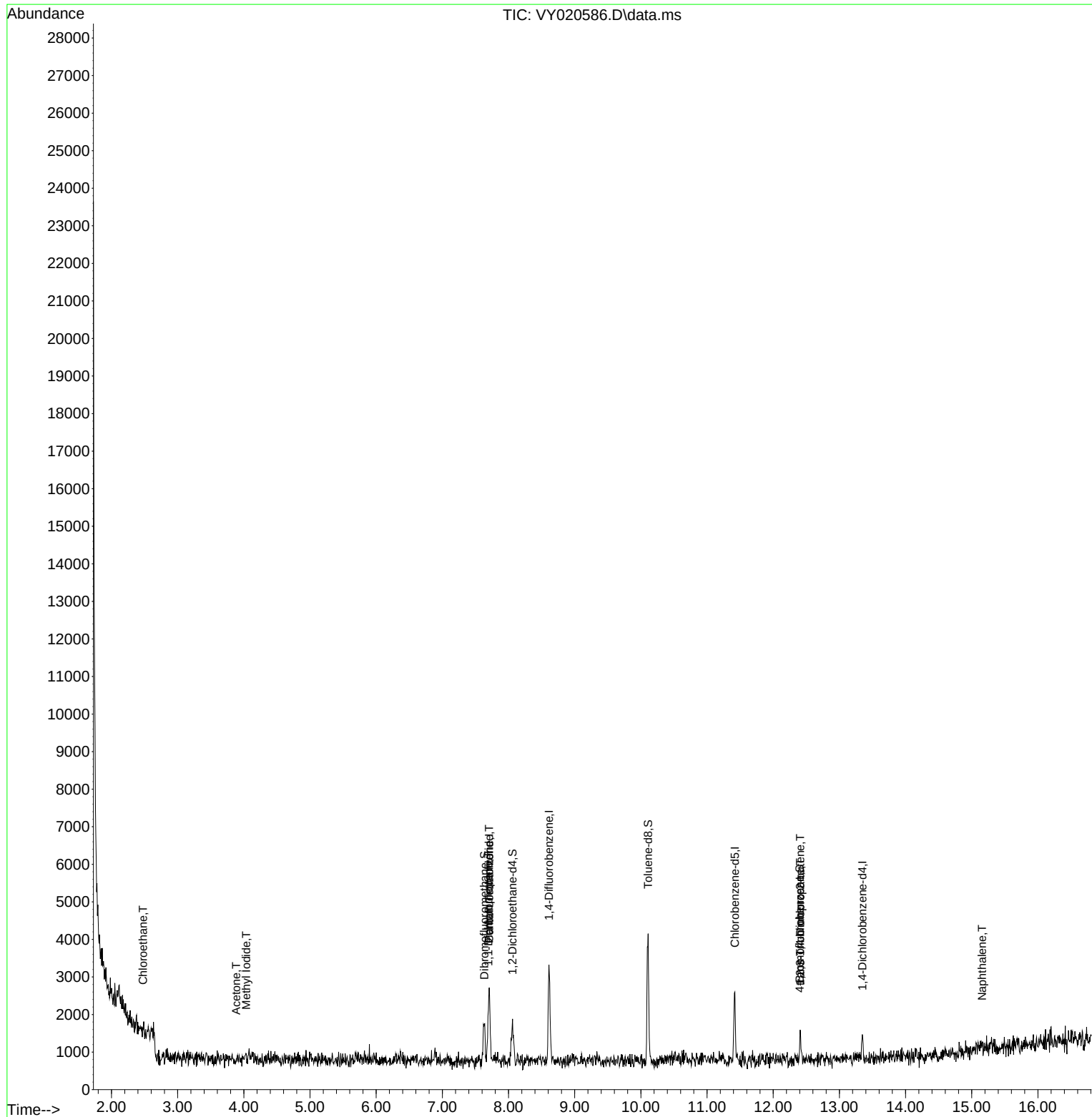
Internal Standards						
1) Pentafluorobenzene	7.707	168	2036	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.610	114	2883	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	1197	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	982	47.425	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.840%
35) Dibromofluoromethane	7.634	113	790	43.527	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.060%
50) Toluene-d8	10.109	98	2675	38.706	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.420%
62) 4-Bromofluorobenzene	12.402	95	301	12.453	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	24.900%#
Target Compounds						
					Qvalue	
6) Chloroethane	2.477	64	22	1.751	ug/l #	43
10) Methyl Iodide	4.037	142	75	2.986	ug/l #	37
16) Acetone	3.885	43	19	3.690	ug/l #	43
36) 1,1-Dichloropropene	7.695	75	101	3.295	ug/l #	43
38) Carbon Tetrachloride	7.707	117	158	4.319	ug/l #	11
76) 1,2,3-Trichloropropane	12.408	75	90	43.522	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	90	89.300	ug/l #	9
95) Naphthalene	15.157	128	50	8.260	ug/l #	69

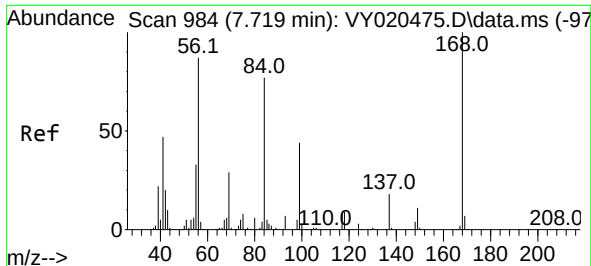
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration

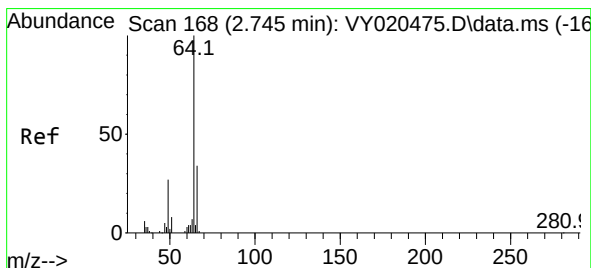
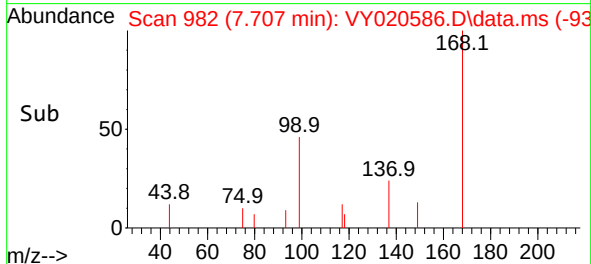
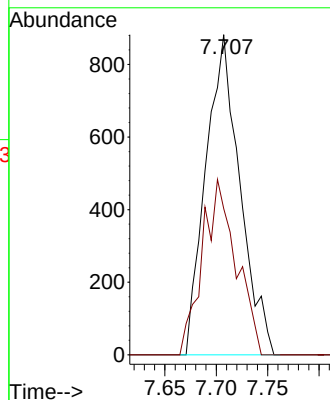
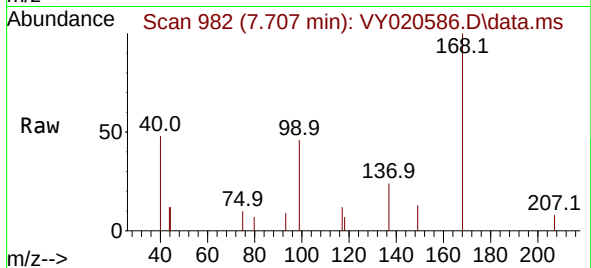




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020586.D
Acq: 11 Dec 2024 15:00

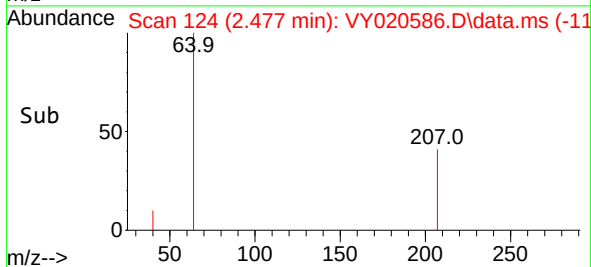
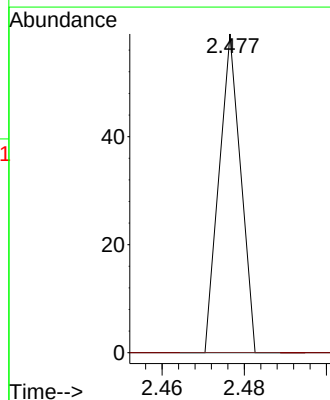
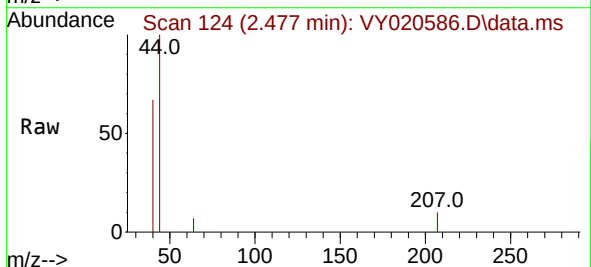
Instrument :
MSVOA_Y
ClientSampleId :

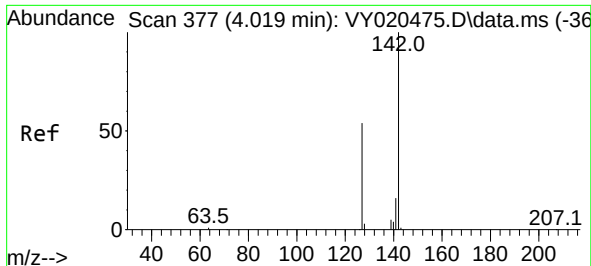
Tgt Ion:168 Resp: 2036
Ion Ratio Lower Upper
168 100
99 45.7 46.6 69.8#



#6
Chloroethane
Concen: 1.751 ug/l
RT: 2.477 min Scan# 124
Delta R.T. -0.268 min
Lab File: VY020586.D
Acq: 11 Dec 2024 15:00

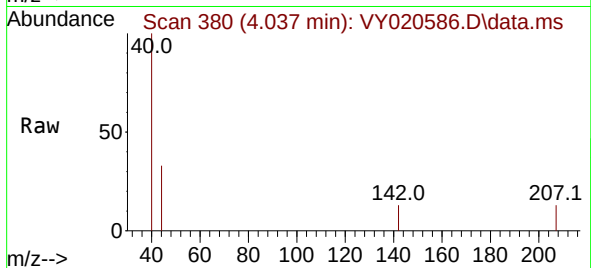
Tgt Ion: 64 Resp: 22
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#



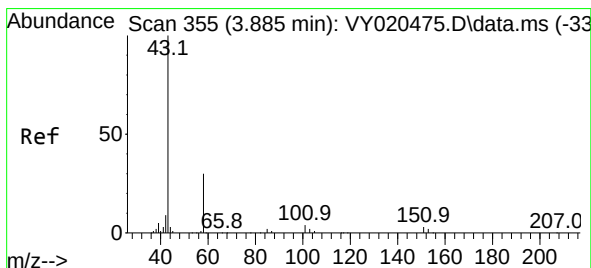
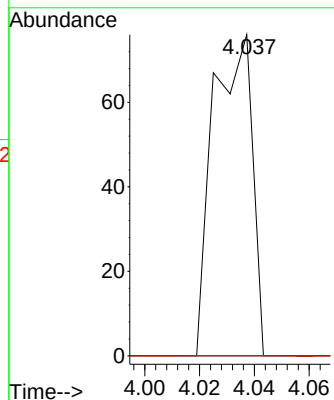
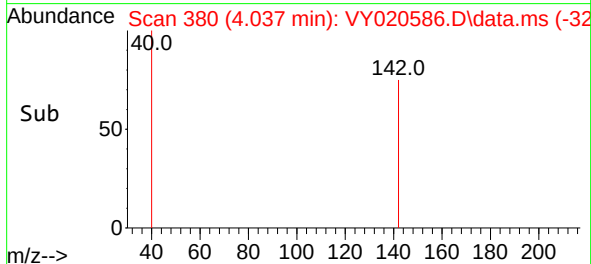


#10
Methyl Iodide
Concen: 2.986 ug/l
RT: 4.037 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY020586.D
Acq: 11 Dec 2024 15:00

Instrument :
MSVOA_Y
ClientSampleId :

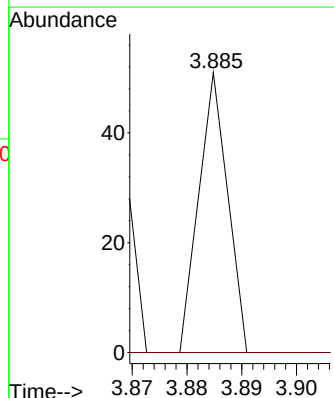
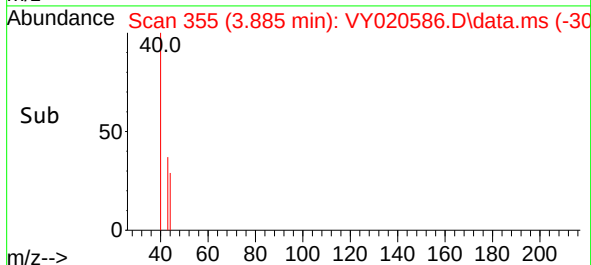
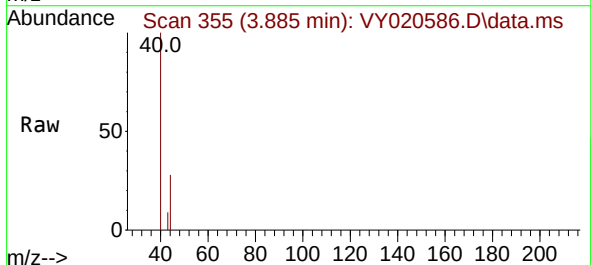


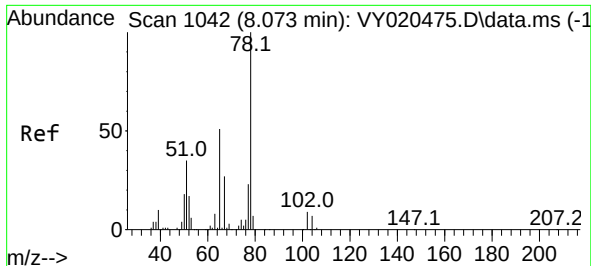
Tgt Ion:142 Resp: 75
Ion Ratio Lower Upper
142 100
127 0.0 38.9 58.3#
141 0.0 11.7 17.5#



#16
Acetone
Concen: 3.690 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.000 min
Lab File: VY020586.D
Acq: 11 Dec 2024 15:00

Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#





#33

1,2-Dichloroethane-d4

Concen: 47.425 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020586.D

Acq: 11 Dec 2024 15:00

Instrument :

MSVOA_Y

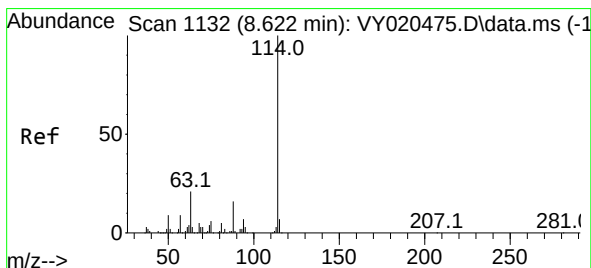
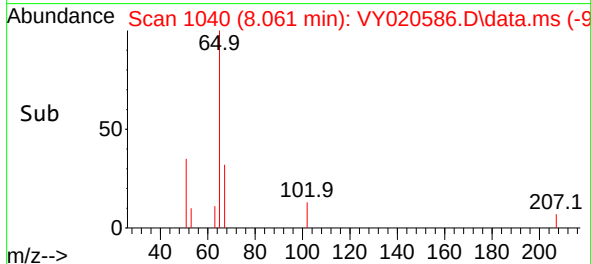
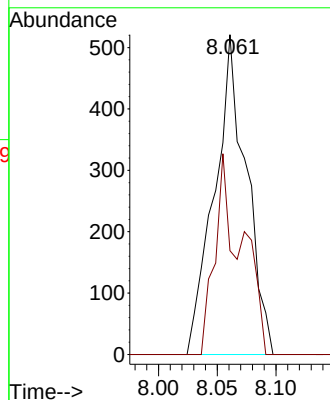
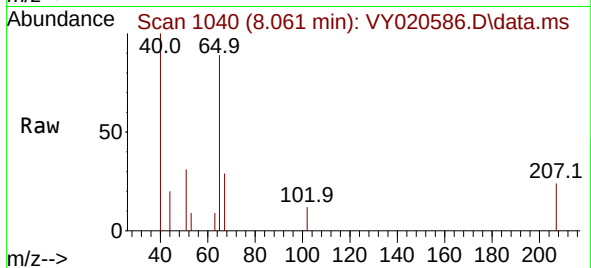
ClientSampleId :

Tgt Ion: 65 Resp: 982

Ion Ratio Lower Upper

65 100

67 34.4 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: VY020586.D

Acq: 11 Dec 2024 15:00

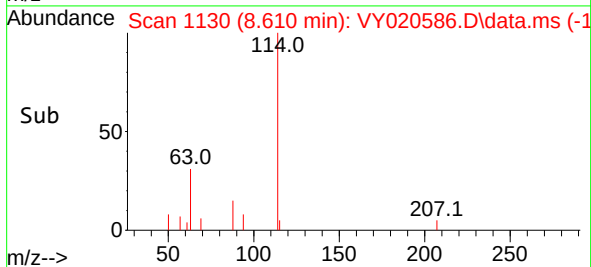
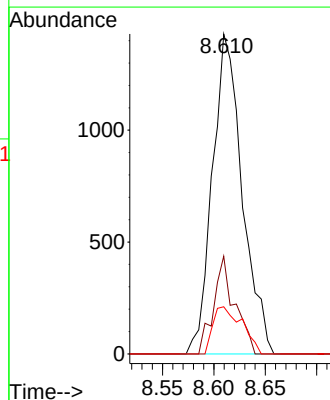
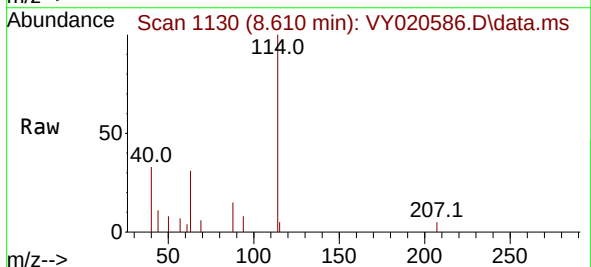
Tgt Ion:114 Resp: 2883

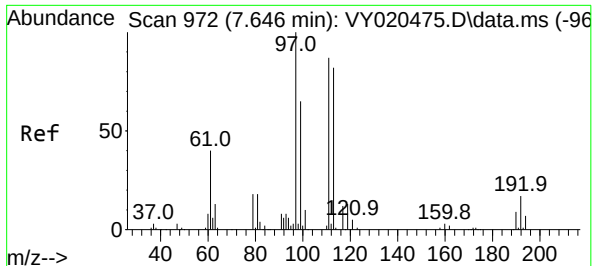
Ion Ratio Lower Upper

114 100

63 30.6 0.0 44.8

88 14.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 43.527 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.012 min

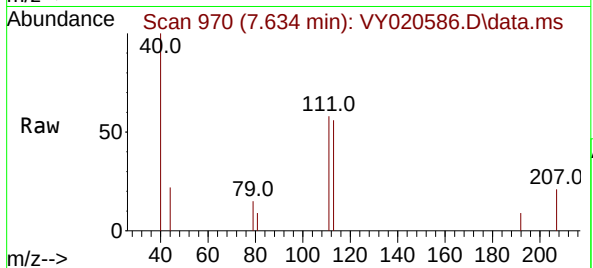
Lab File: VY020586.D

Acq: 11 Dec 2024 15:00

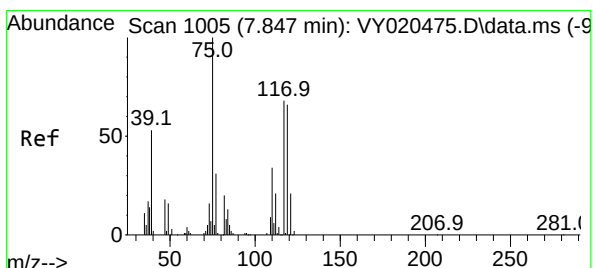
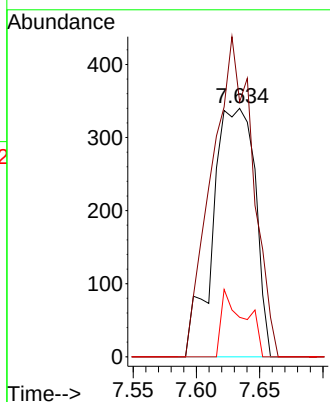
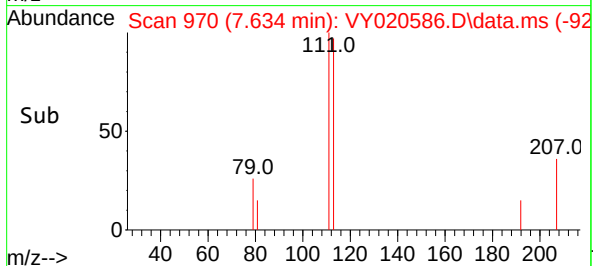
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	113	Resp:	790
Ion	Ratio	Lower	Upper
113	100		
111	124.7	81.4	122.0#
192	15.1	15.1	22.7#



#36

1,1-Dichloropropene

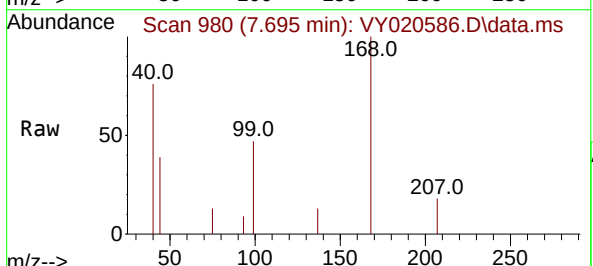
Concen: 3.295 ug/l

RT: 7.695 min Scan# 980

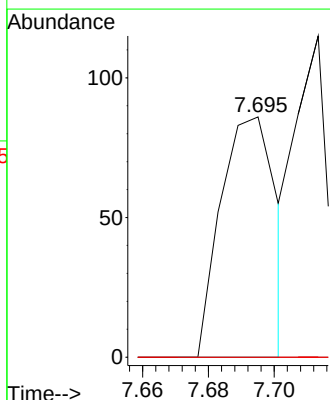
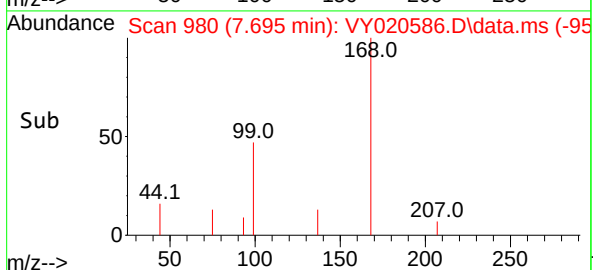
Delta R.T. -0.152 min

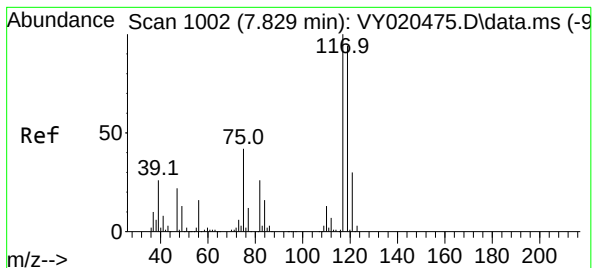
Lab File: VY020586.D

Acq: 11 Dec 2024 15:00



Tgt Ion:	75	Resp:	101
Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.7	50.0#
77	0.0	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 4.319 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY020586.D

Acq: 11 Dec 2024 15:00

Instrument :

MSVOA_Y

ClientSampleId :

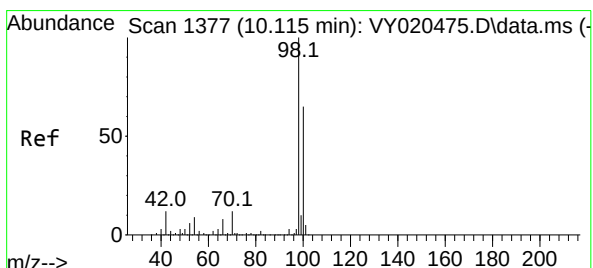
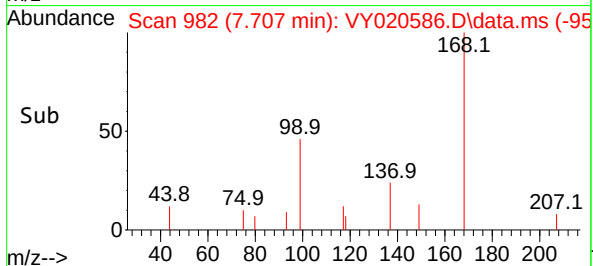
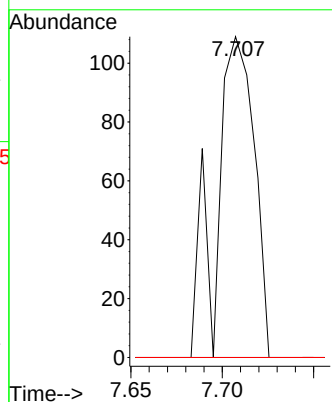
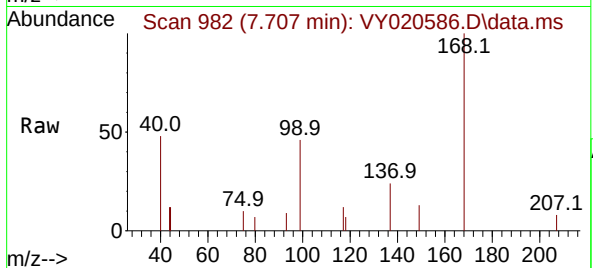
Tgt Ion:117 Resp: 158

Ion Ratio Lower Upper

117 100

119 0.0 77.8 116.6#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 38.706 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020586.D

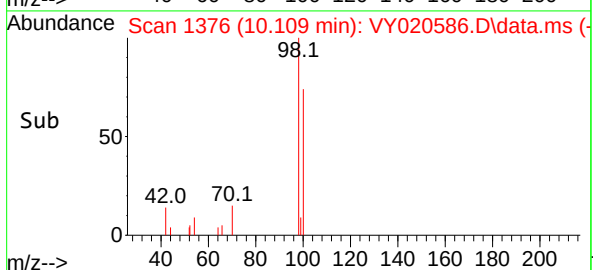
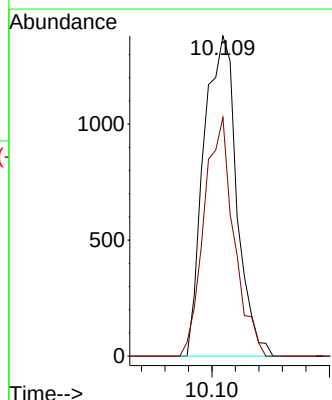
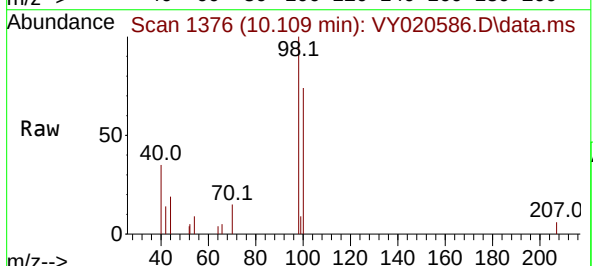
Acq: 11 Dec 2024 15:00

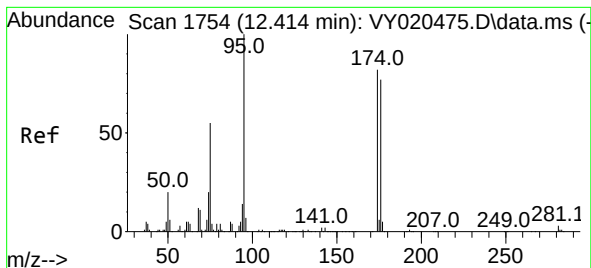
Tgt Ion: 98 Resp: 2675

Ion Ratio Lower Upper

98 100

100 67.7 51.3 76.9

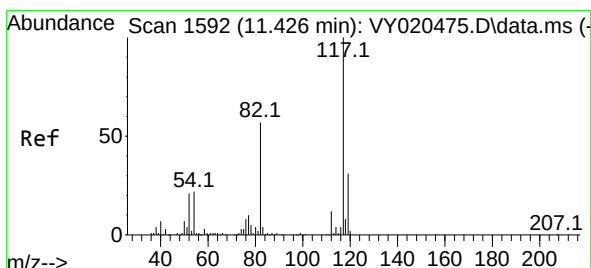
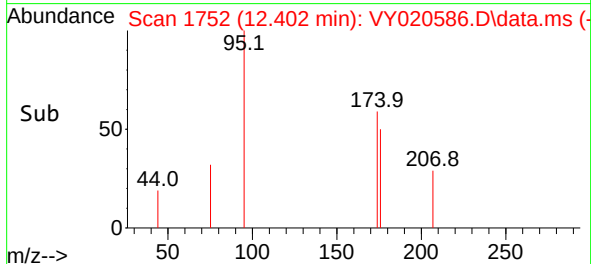
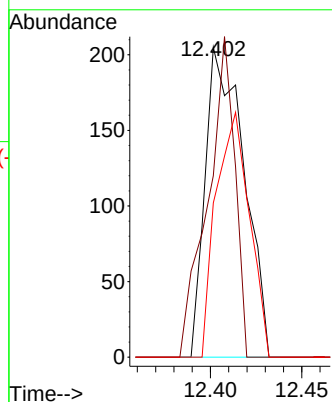
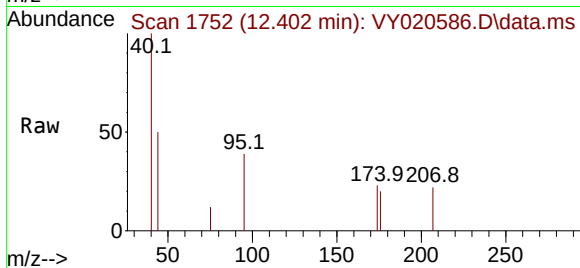




#62
4-Bromofluorobenzene
Concen: 12.453 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020586.D
Acq: 11 Dec 2024 15:00

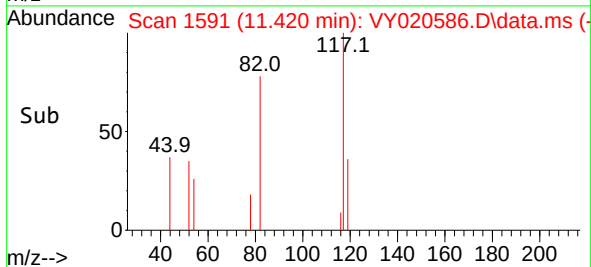
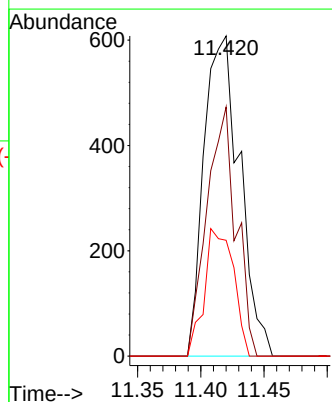
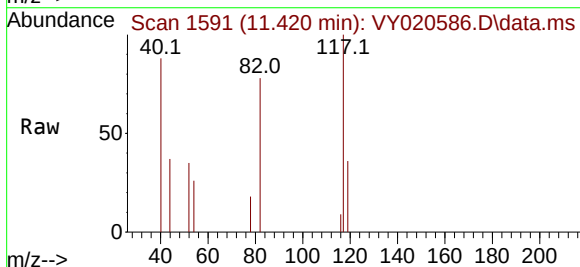
Instrument :
MSVOA_Y
ClientSampleId :

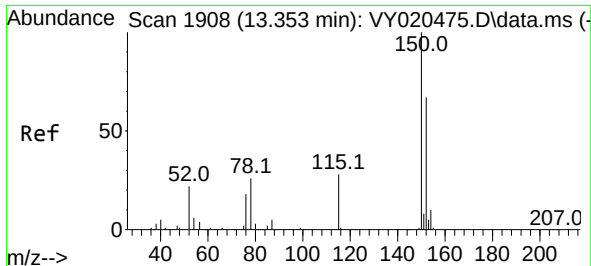
Tgt Ion: 95	Resp:	301
Ion Ratio	Lower	Upper
95	100	
174	72.4	0.0 156.8
176	68.1	0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY020586.D
Acq: 11 Dec 2024 15:00

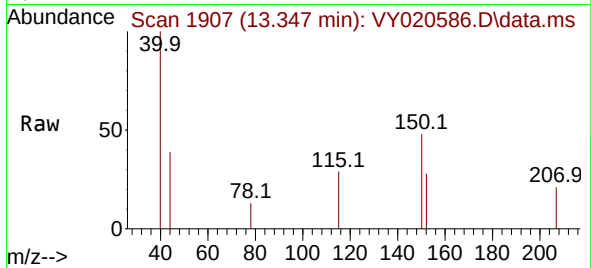
Tgt Ion: 117	Resp:	1197
Ion Ratio	Lower	Upper
117	100	
82	77.8	48.2 72.4#
119	36.2	25.8 38.8



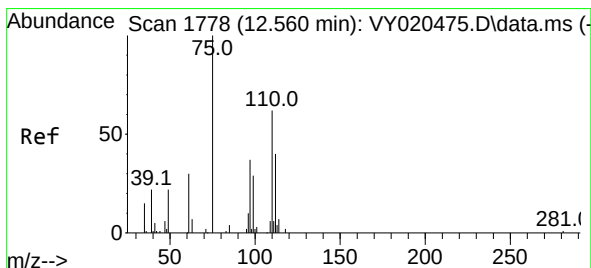
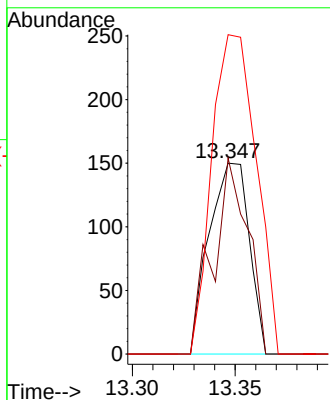
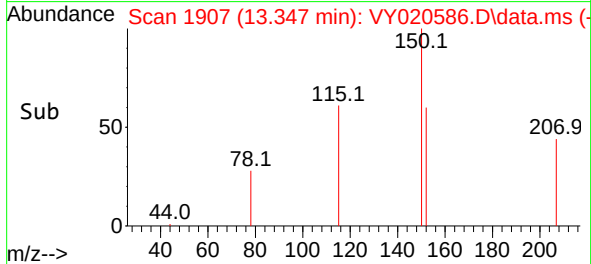


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VY020586.D
Acq: 11 Dec 2024 15:00

Instrument :
MSVOA_Y
ClientSampleId :

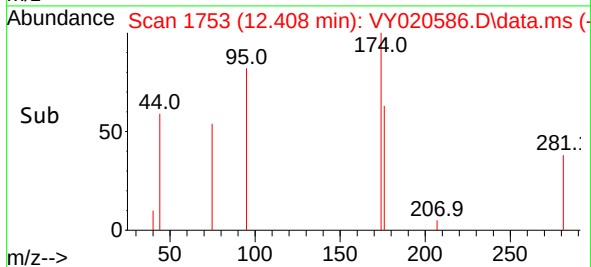
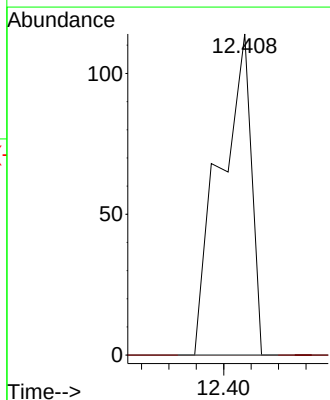
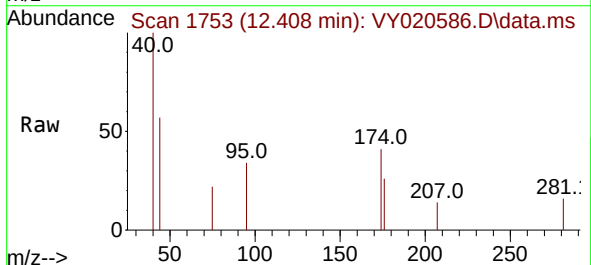


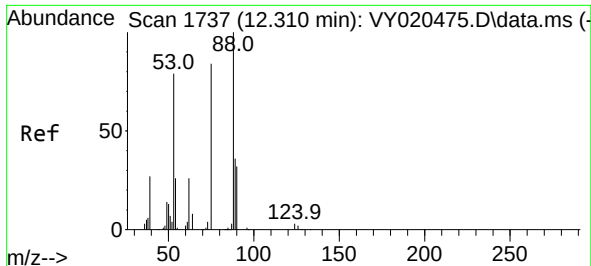
Tgt Ion:152 Resp: 203
Ion Ratio Lower Upper
152 100
115 89.7 30.0 90.0
150 185.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 43.522 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020586.D
Acq: 11 Dec 2024 15:00

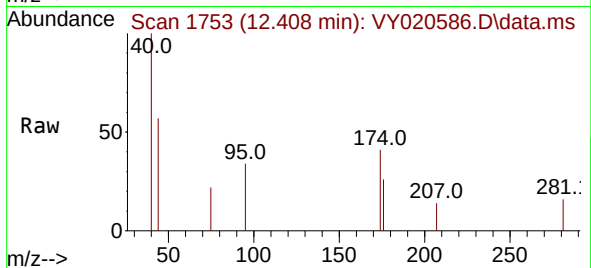
Tgt Ion: 75 Resp: 90
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



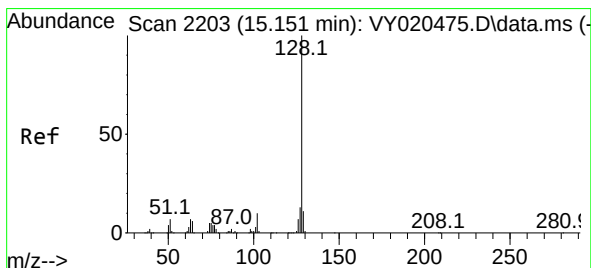
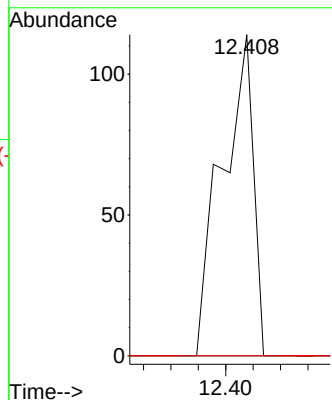
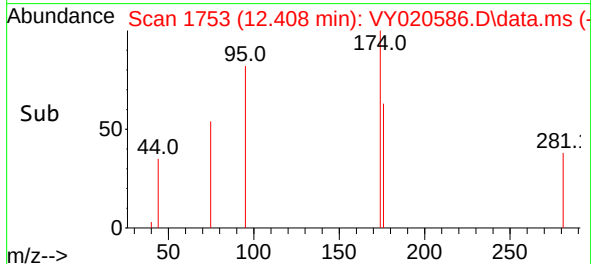


#81
trans-1,4-Dichloro-2-butene
Concen: 89.300 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY020586.D
Acq: 11 Dec 2024 15:00

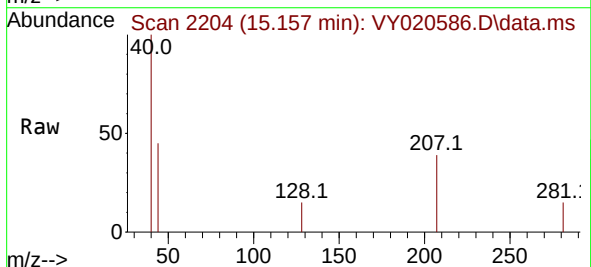
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 90
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#



#95
Naphthalene
Concen: 8.260 ug/l
RT: 15.157 min Scan# 2204
Delta R.T. 0.006 min
Lab File: VY020586.D
Acq: 11 Dec 2024 15:00



Tgt Ion: 128 Resp: 50
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.6 13.0#

