

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020652.D
 Acq On : 19 Dec 2024 14:02
 Operator : SY/MD
 Sample : P5306-01
 Misc : 5.81g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 00:49:19 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)

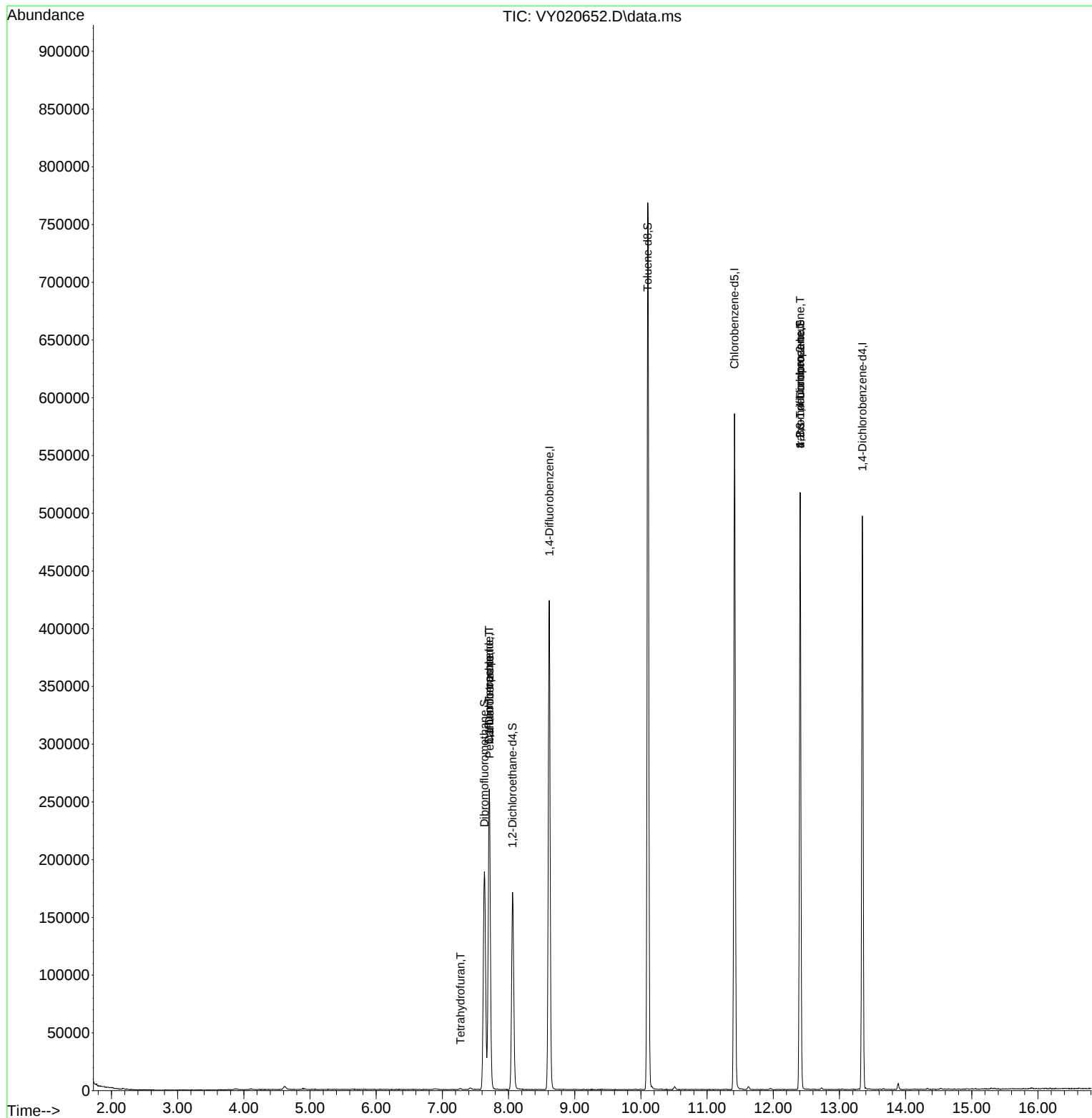
Internal Standards						
1) Pentafluorobenzene	7.713	168	200454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	353691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	303802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	124037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	137094	62.446	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.900%
35) Dibromofluoromethane	7.634	113	138350	55.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.000%
50) Toluene-d8	10.103	98	502199	57.559	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.120%
62) 4-Bromofluorobenzene	12.408	95	163291	47.845	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.680%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	162	Below Cal	#	75
16) Acetone	3.866	43	1207	Below Cal	#	54
29) Tetrahydrofuran	7.274	42	641	1.245	ug/l #	85
30) Chloroform	7.427	83	1582	Below Cal		99
36) 1,1-Dichloropropene	7.707	75	15777	3.471	ug/l #	50
38) Carbon Tetrachloride	7.707	117	20927	4.161	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	84254	65.389	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	84254	137.254	ug/l #	12

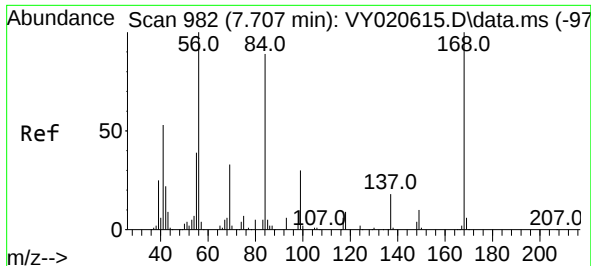
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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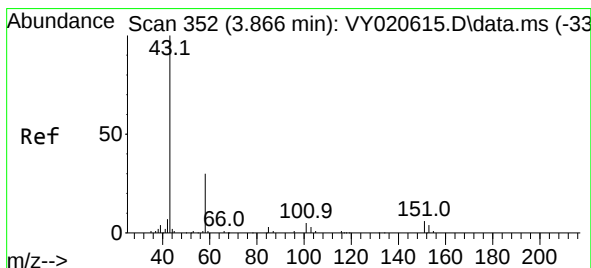
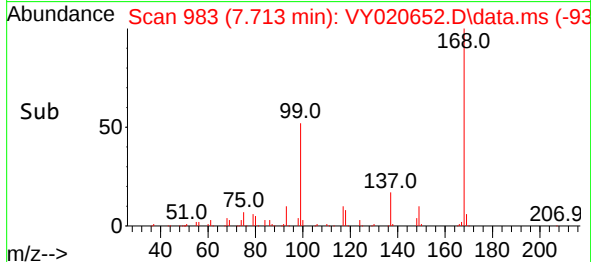
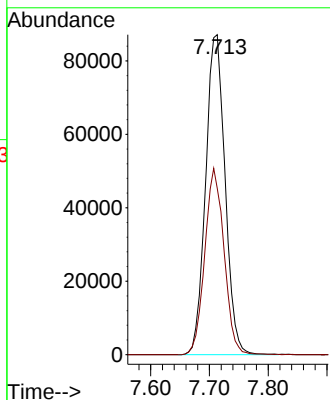
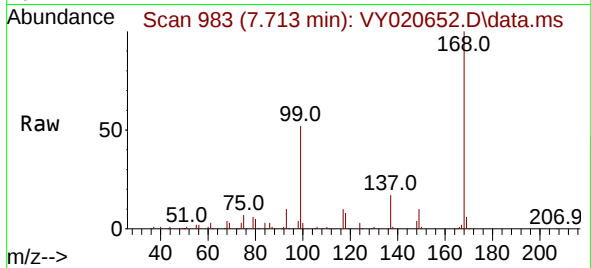




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020652.D
Acq: 19 Dec 2024 14:02

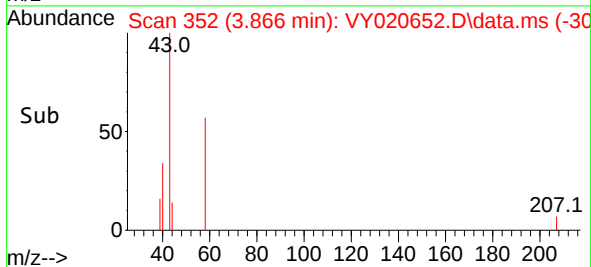
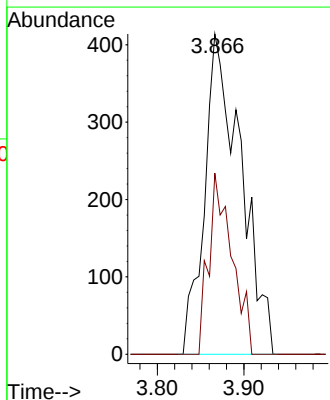
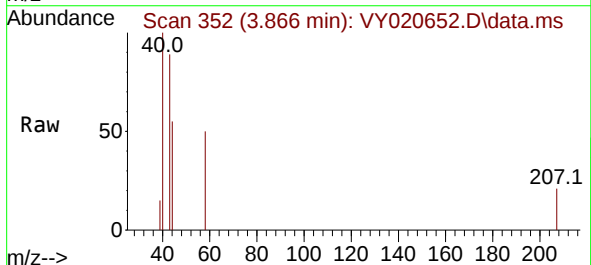
Instrument :
MSVOA_Y
ClientSampleId :

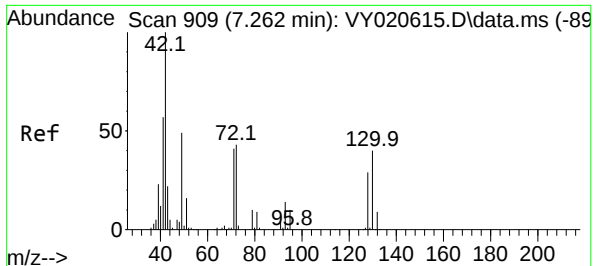
Tgt Ion:168 Resp: 200454
Ion Ratio Lower Upper
168 100
99 52.0 47.0 70.6



#16
Acetone
Concen: Below Cal
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY020652.D
Acq: 19 Dec 2024 14:02

Tgt Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
58 56.5 25.0 37.6#





#29

Tetrahydrofuran

Concen: 1.245 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY020652.D

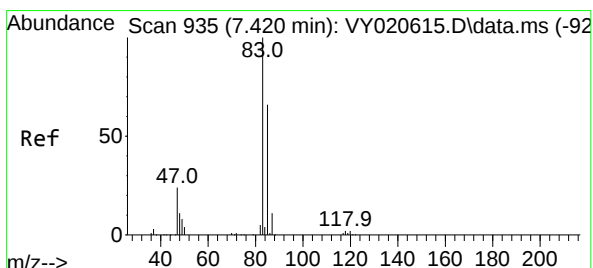
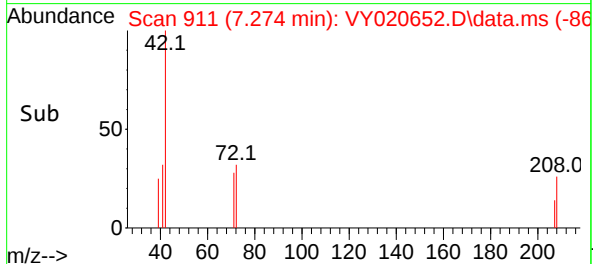
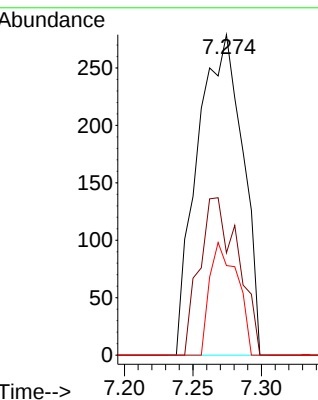
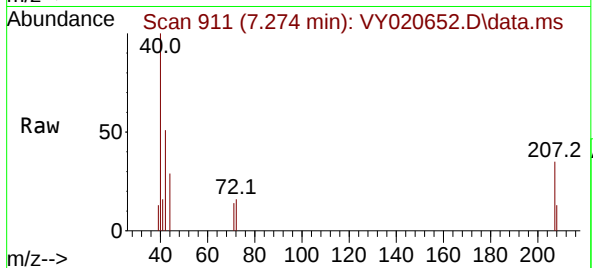
Acq: 19 Dec 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 42	Resp: 641
Ion Ratio	Lower Upper
42	100
72	41.8 34.0 51.0
71	21.4 31.6 47.4



#30

Chloroform

Concen: Below Cal

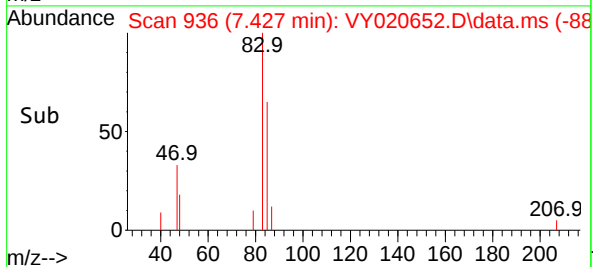
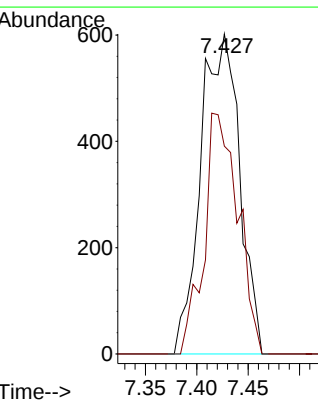
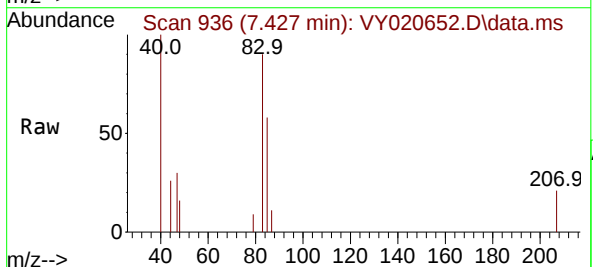
RT: 7.427 min Scan# 936

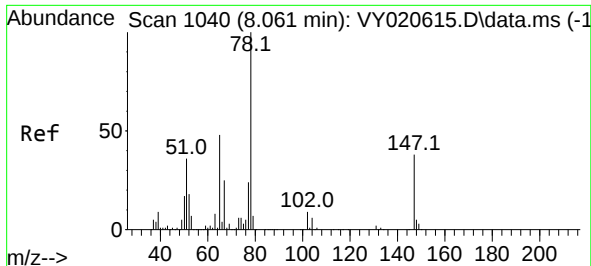
Delta R.T. 0.007 min

Lab File: VY020652.D

Acq: 19 Dec 2024 14:02

Tgt Ion: 83	Resp: 1582
Ion Ratio	Lower Upper
83	100
85	65.0 52.7 79.1





#33

1,2-Dichloroethane-d4

Concen: 62.446 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020652.D

Acq: 19 Dec 2024 14:02

Instrument :

MSVOA_Y

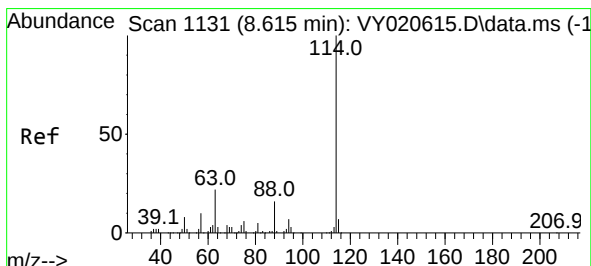
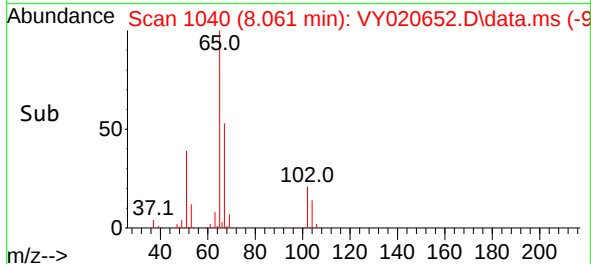
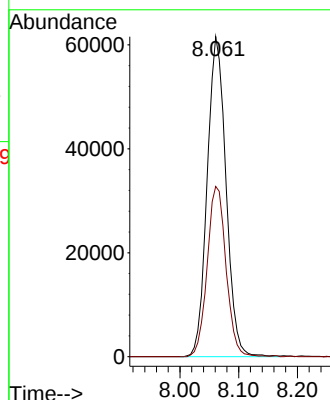
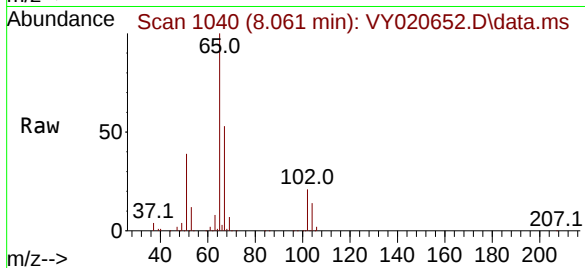
ClientSampleId :

Tgt Ion: 65 Resp: 137094

Ion Ratio Lower Upper

65 100

67 53.2 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: VY020652.D

Acq: 19 Dec 2024 14:02

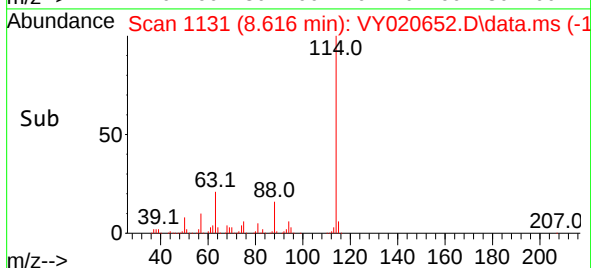
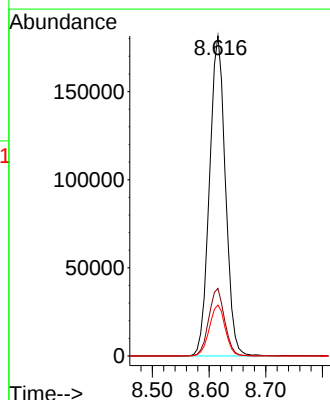
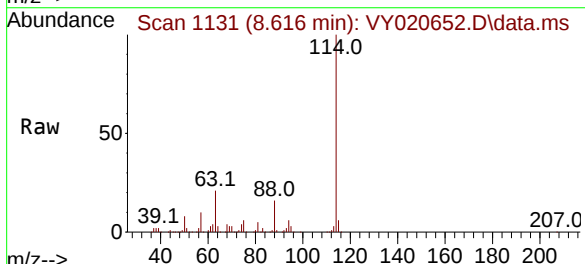
Tgt Ion: 114 Resp: 353691

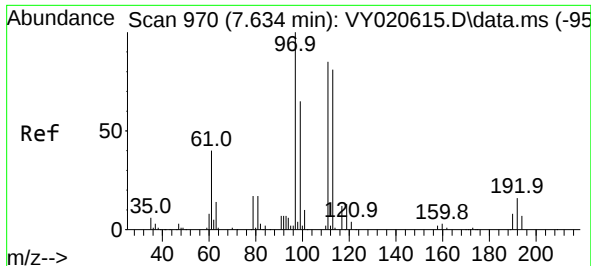
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.0

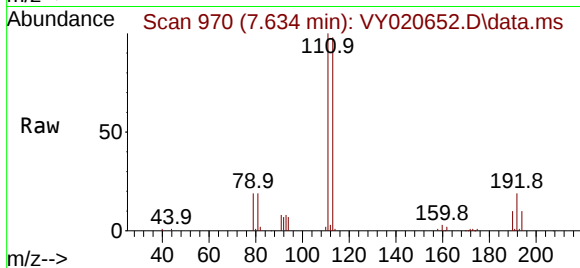
88 15.9 0.0 32.8



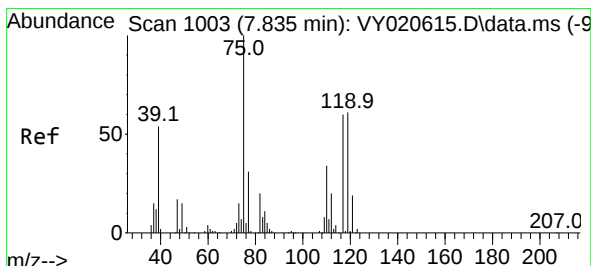
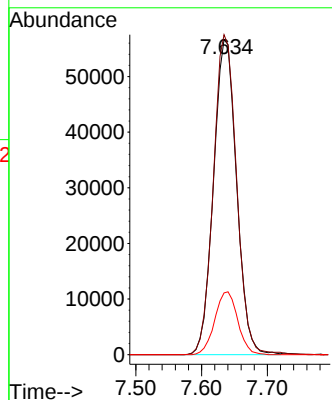
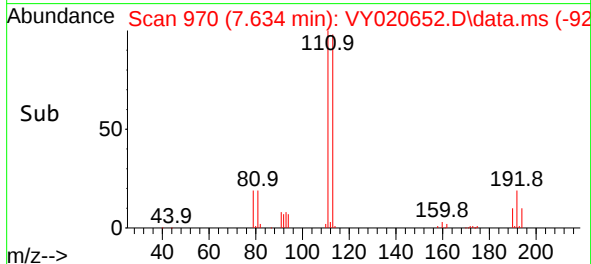


#35
Dibromofluoromethane
Concen: 55.502 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020652.D
Acq: 19 Dec 2024 14:02

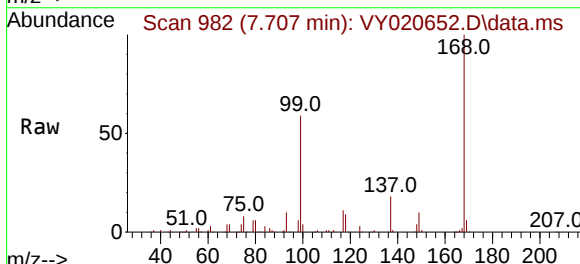
Instrument :
MSVOA_Y
ClientSampleId :



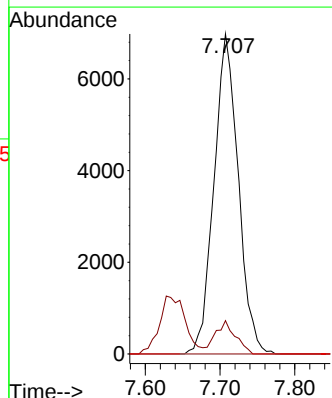
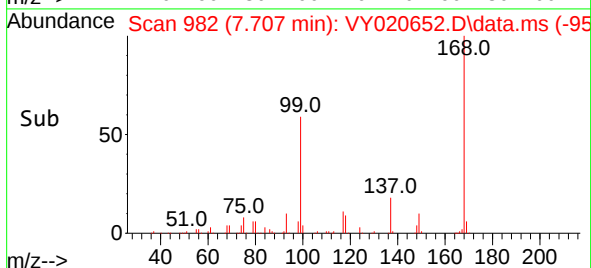
Tgt Ion:113 Resp: 138350
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 19.9 15.7 23.5

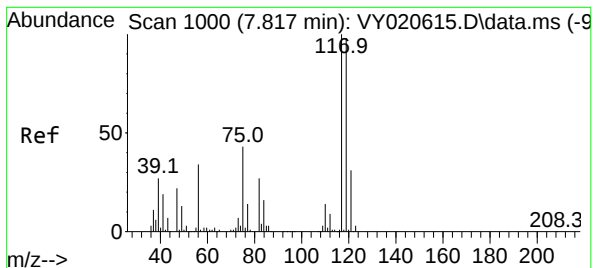


#36
1,1-Dichloropropene
Concen: 3.471 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020652.D
Acq: 19 Dec 2024 14:02



Tgt Ion: 75 Resp: 15777
Ion Ratio Lower Upper
75 100
110 8.7 16.8 50.4#
77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 4.161 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.109 min

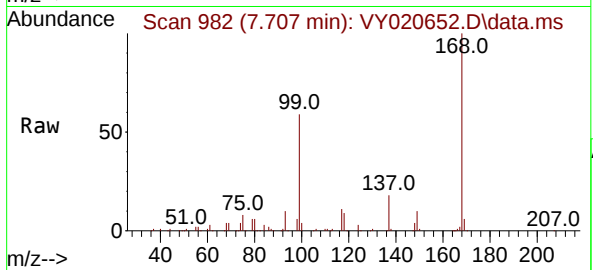
Lab File: VY020652.D

Acq: 19 Dec 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :



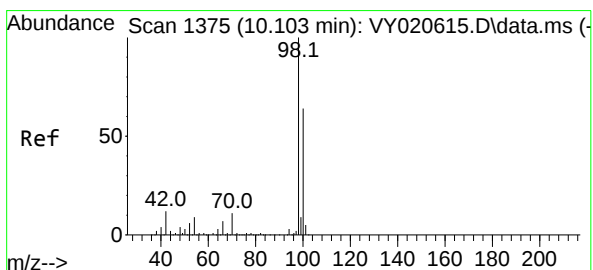
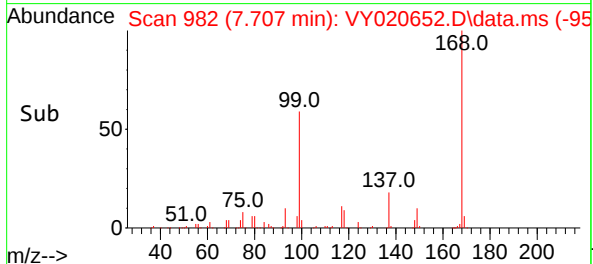
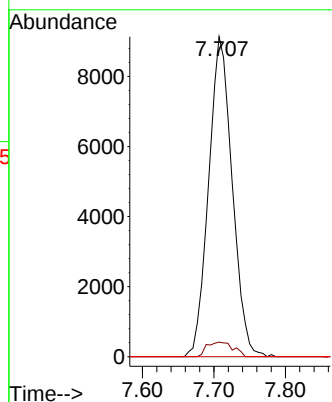
Tgt Ion:117 Resp: 20927

Ion Ratio Lower Upper

117 100

119 4.6 78.3 117.5#

121 0.0 25.1 37.7#



#50

Toluene-d8

Concen: 57.559 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020652.D

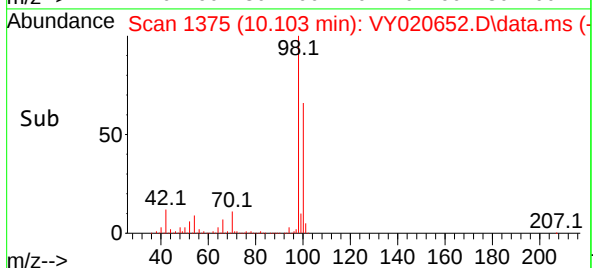
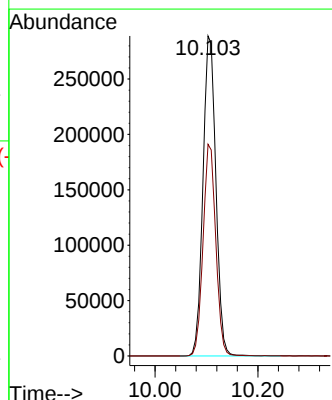
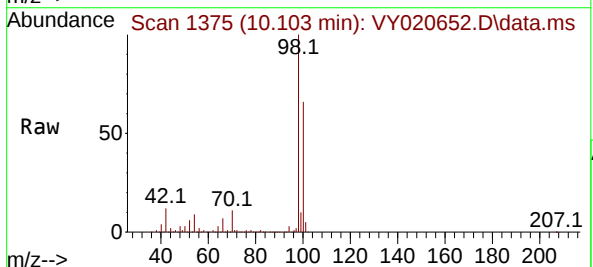
Acq: 19 Dec 2024 14:02

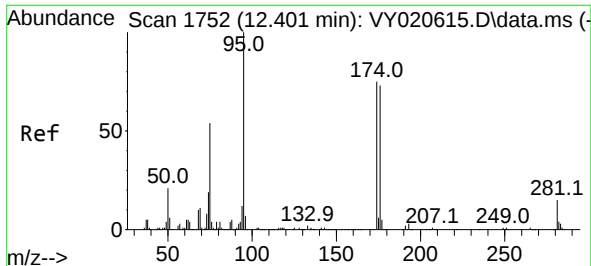
Tgt Ion: 98 Resp: 502199

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 47.845 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020652.D

Acq: 19 Dec 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :

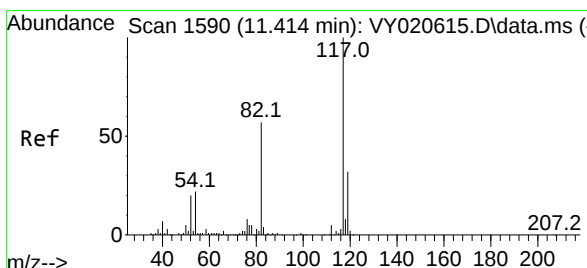
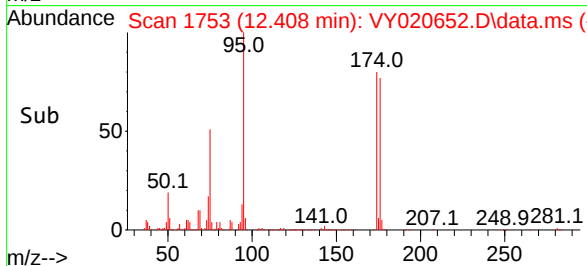
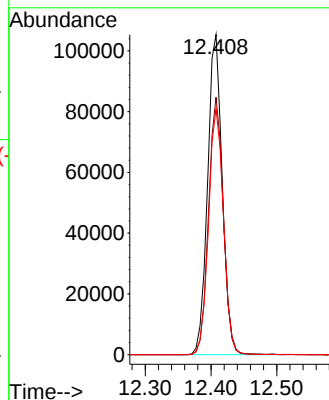
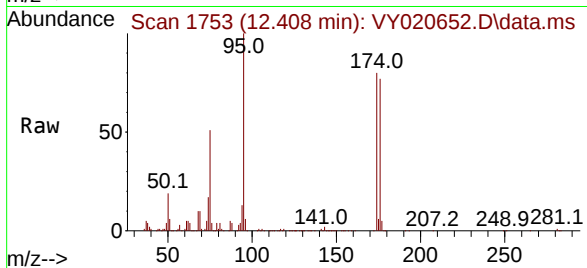
Tgt Ion: 95 Resp: 163291

Ion Ratio Lower Upper

95 100

174 81.2 0.0 161.8

176 78.1 0.0 156.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY020652.D

Acq: 19 Dec 2024 14:02

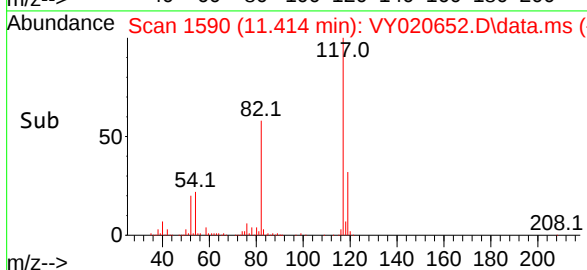
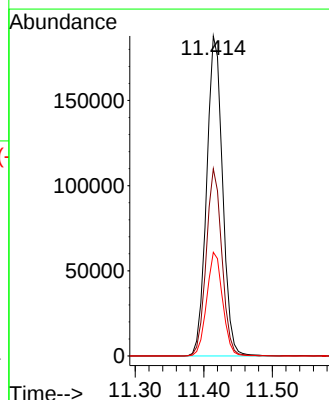
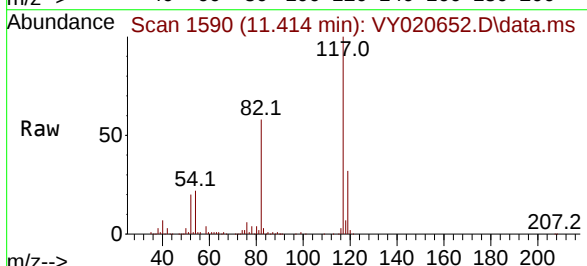
Tgt Ion: 117 Resp: 303802

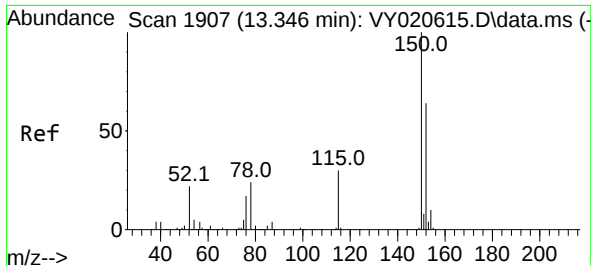
Ion Ratio Lower Upper

117 100

82 58.5 45.8 68.6

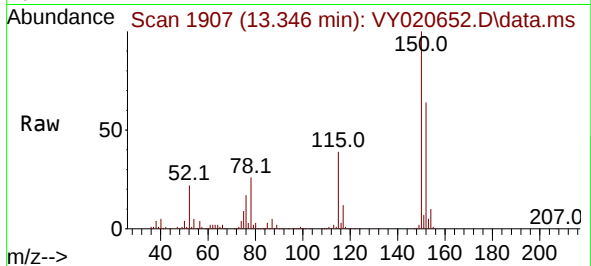
119 32.4 25.3 37.9



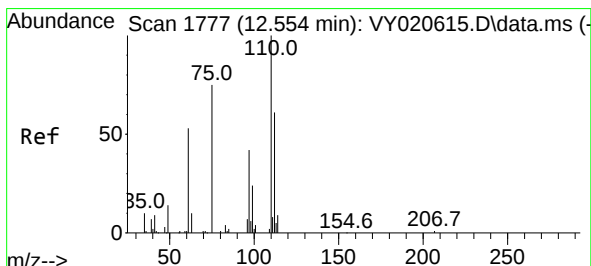
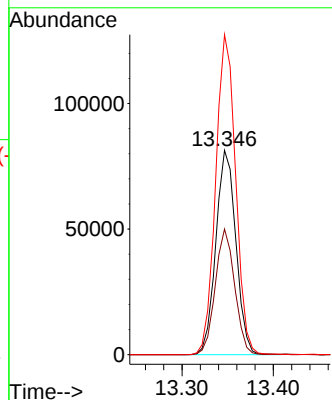
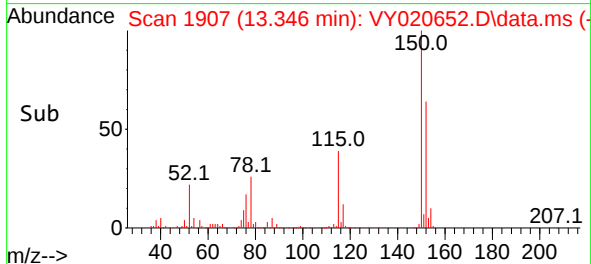


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020652.D
 Acq: 19 Dec 2024 14:02

Instrument :
 MSVOA_Y
 ClientSampleId :

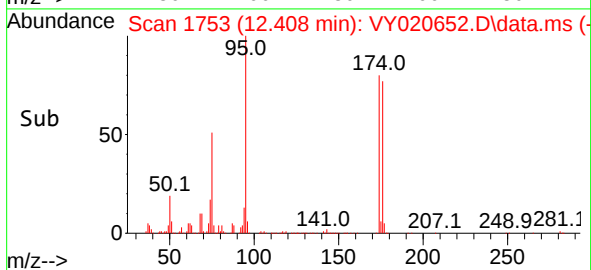
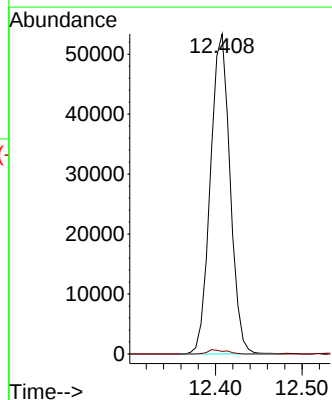
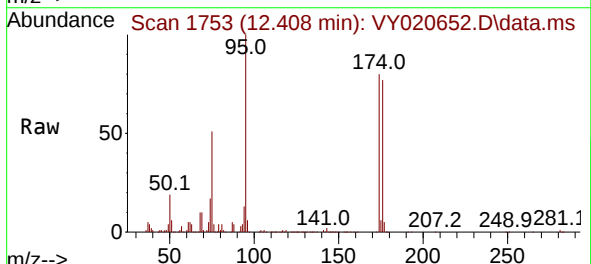


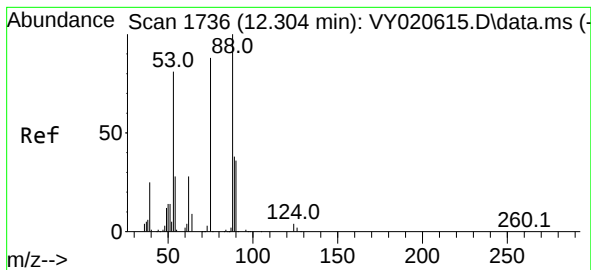
Tgt Ion:152 Resp: 124037
 Ion Ratio Lower Upper
 152 100
 115 59.5 30.2 90.6
 150 155.9 0.0 355.4



#76
 1,2,3-Trichloropropane
 Concen: 65.389 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY020652.D
 Acq: 19 Dec 2024 14:02

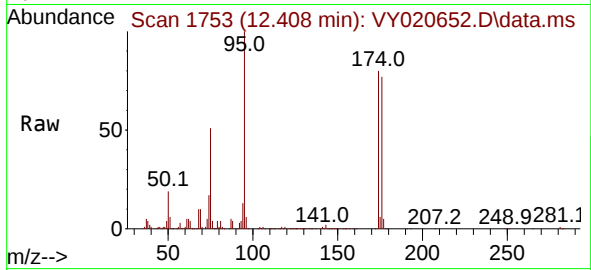
Tgt Ion: 75 Resp: 84254
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.254 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020652.D
 Acq: 19 Dec 2024 14:02

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 84254
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.4 113.2#
 89 0.0 37.0 55.4#

