

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020292.D
 Acq On : 13 Nov 2024 18:46
 Operator : SY/MD
 Sample : P4822-09
 Misc : 6.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 01:02:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	187862	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	324534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	313306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	137784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	111434	47.527	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.060%
35) Dibromofluoromethane	7.640	113	134823	65.341	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.680%
50) Toluene-d8	10.109	98	398660	48.539	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.080%
62) 4-Bromofluorobenzene	12.408	95	119036	44.620	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.240%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.629	84	7823	3.194	ug/l	88
31) Cyclohexane	7.707	56	5246	1.233	ug/l	# 30
36) 1,1-Dichloropropene	7.713	75	17680	5.547	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	21568	6.729	ug/l	# 16
49) 1,4-Dioxane	9.451	88	75	6.040	ug/l	# 20
51) 4-Methyl-2-Pentanone	10.115	43	2566	1.704	ug/l	# 1
76) 1,2,3-Trichloropropane	12.408	75	69051	53.462	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	69051	114.996	ug/l	# 16

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

Quant Time: Nov 14 01:02:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

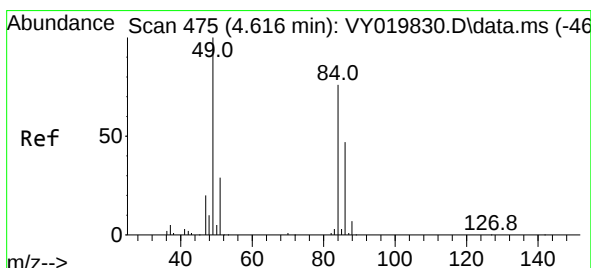
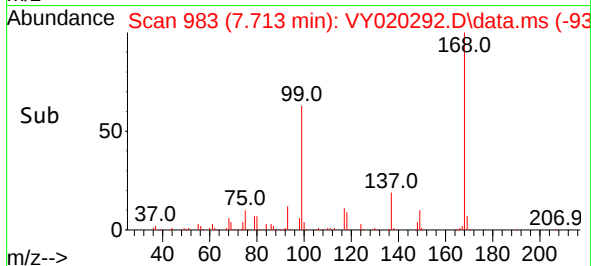
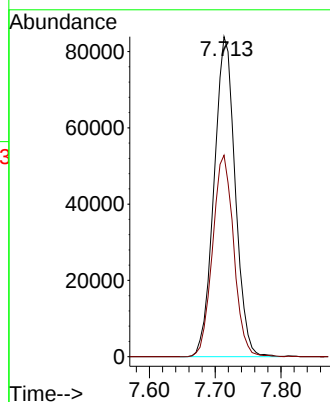
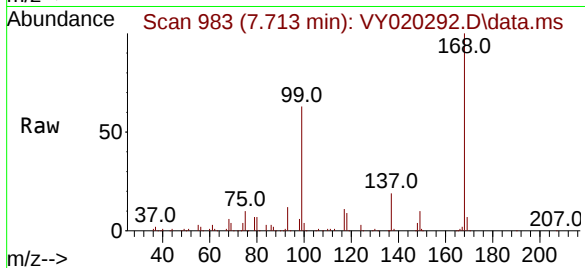




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020292.D
Acq: 13 Nov 2024 18:46

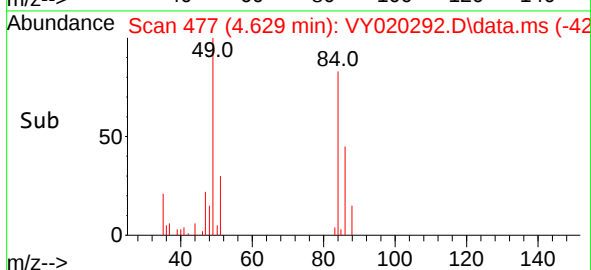
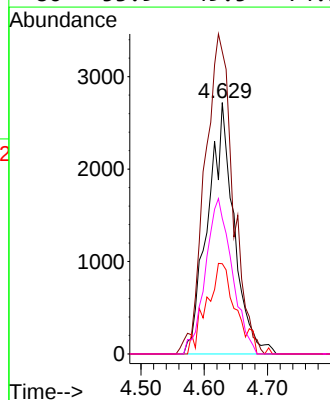
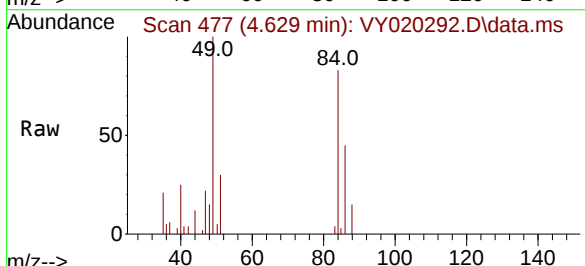
Instrument :
MSVOA_Y
ClientSampleId :

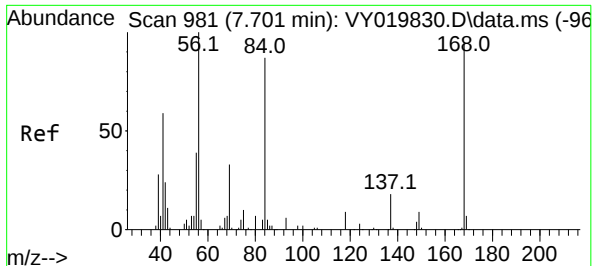
Tgt Ion:168 Resp: 187862
Ion Ratio Lower Upper
168 100
99 63.0 39.1 58.7#



#20
Methylene Chloride
Concen: 3.194 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY020292.D
Acq: 13 Nov 2024 18:46

Tgt Ion: 84 Resp: 7823
Ion Ratio Lower Upper
84 100
49 120.2 84.4 126.6
51 35.9 26.0 39.0
86 53.9 49.5 74.3

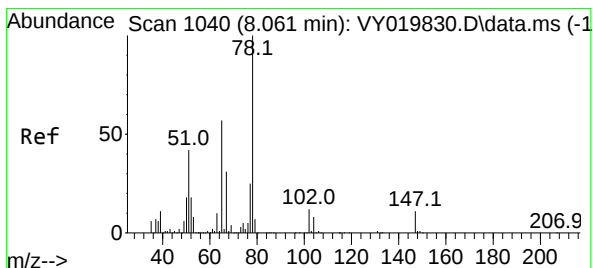
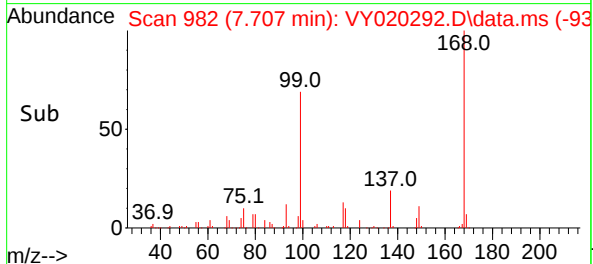
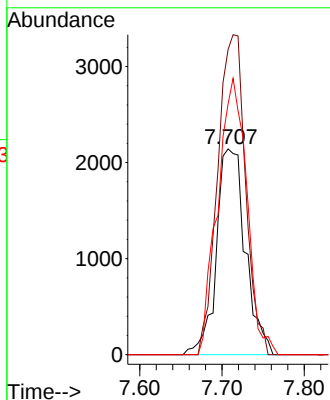
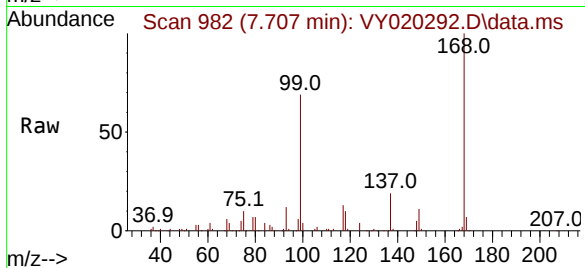




#31
Cyclohexane
Concen: 1.233 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020292.D
Acq: 13 Nov 2024 18:46

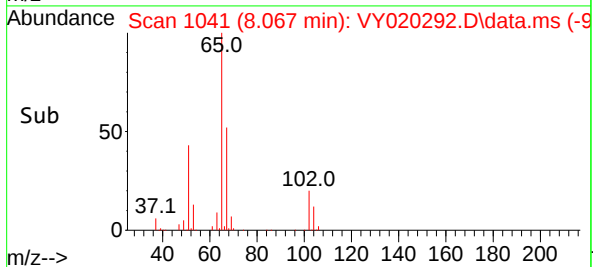
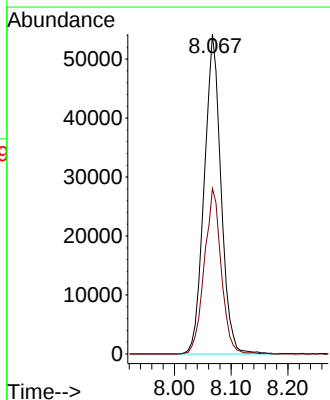
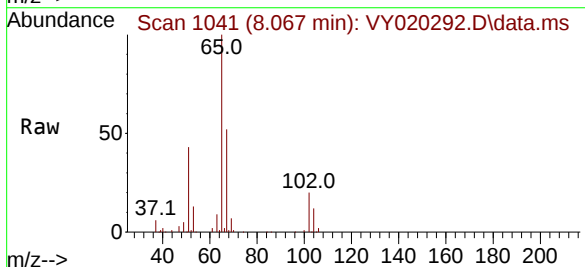
Instrument :
MSVOA_Y
ClientSampleId :

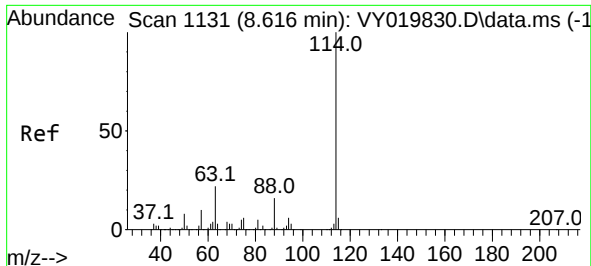
Tgt Ion: 56 Resp: 5246
Ion Ratio Lower Upper
56 100
69 148.4 28.7 43.1#
84 122.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 47.527 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020292.D
Acq: 13 Nov 2024 18:46

Tgt Ion: 65 Resp: 111434
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY020292.D

Acq: 13 Nov 2024 18:46

Instrument :

MSVOA_Y

ClientSampleId :

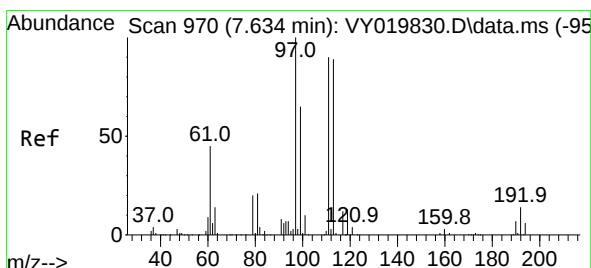
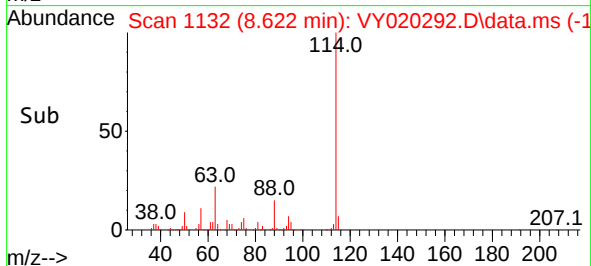
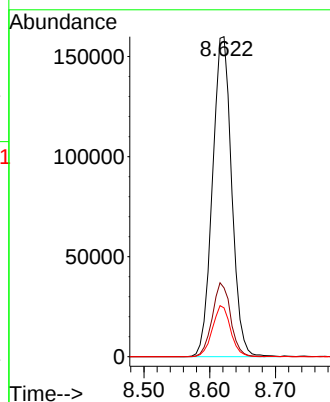
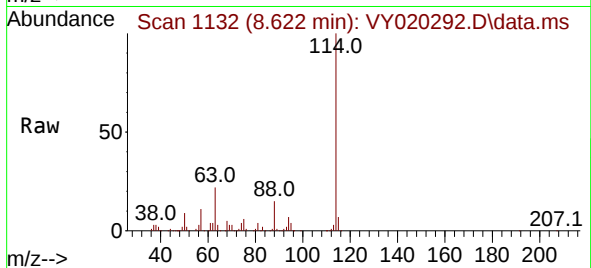
Tgt Ion:114 Resp: 324534

Ion Ratio Lower Upper

114 100

63 21.5 0.0 35.0

88 15.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 65.341 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020292.D

Acq: 13 Nov 2024 18:46

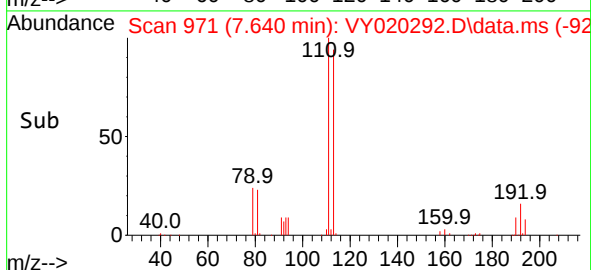
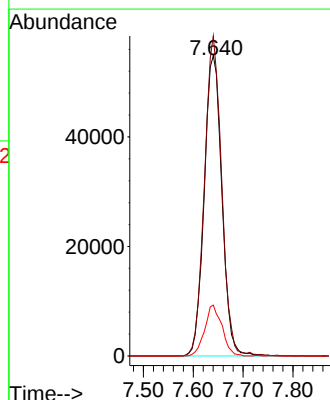
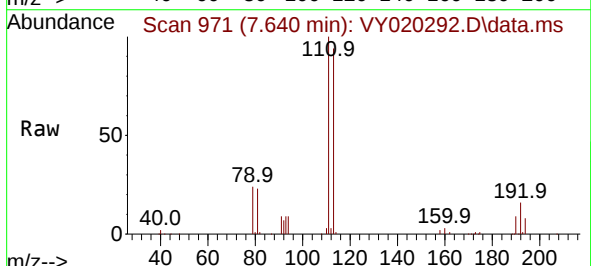
Tgt Ion:113 Resp: 134823

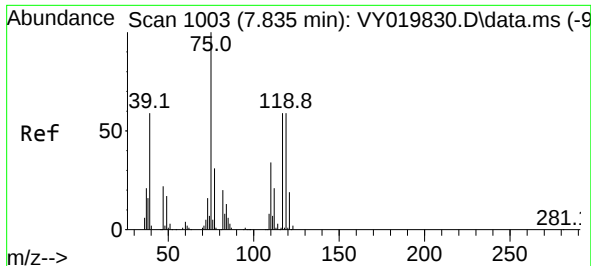
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

192 16.6 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.547 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.122 min

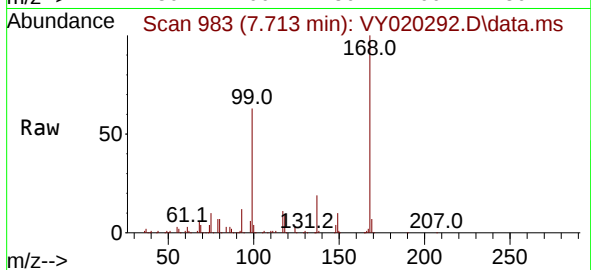
Lab File: VY020292.D

Acq: 13 Nov 2024 18:46

Instrument :

MSVOA_Y

ClientSampleId :



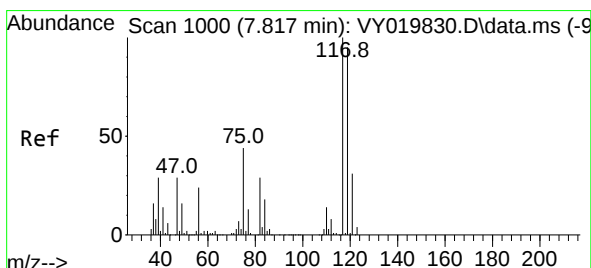
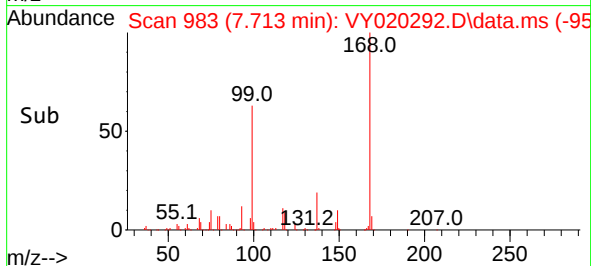
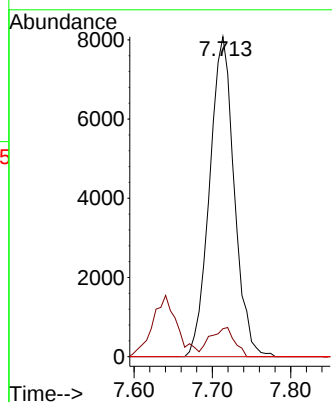
Tgt Ion: 75 Resp: 17680

Ion Ratio Lower Upper

75 100

110 8.9 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.729 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY020292.D

Acq: 13 Nov 2024 18:46

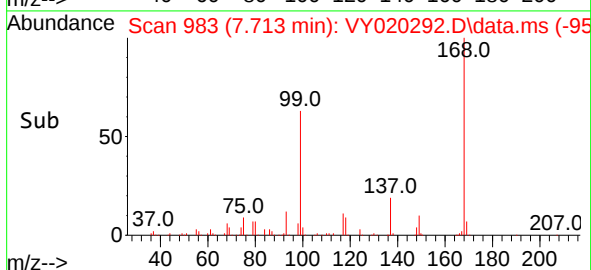
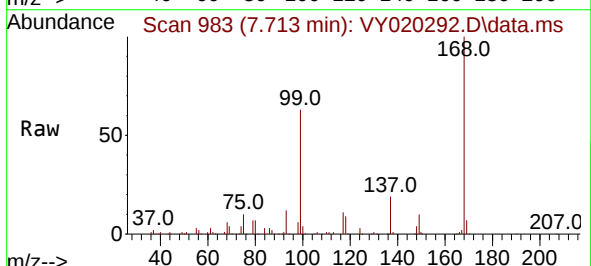
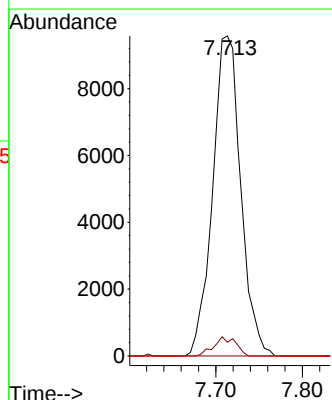
Tgt Ion: 117 Resp: 21568

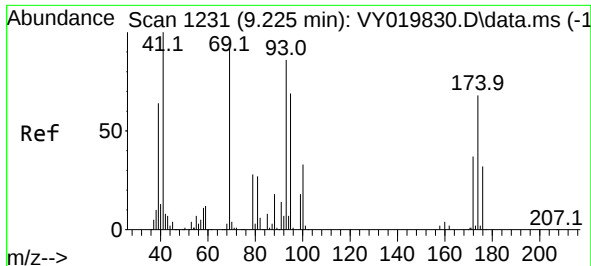
Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 6.040 ug/l

RT: 9.451 min Scan# 11

Delta R.T. 0.220 min

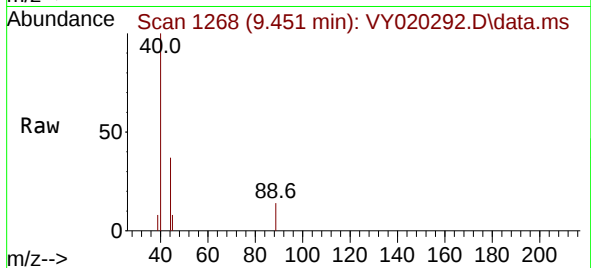
Lab File: VY020292.D

Acq: 13 Nov 2024 18:46

Instrument :

MSVOA_Y

ClientSampleId :



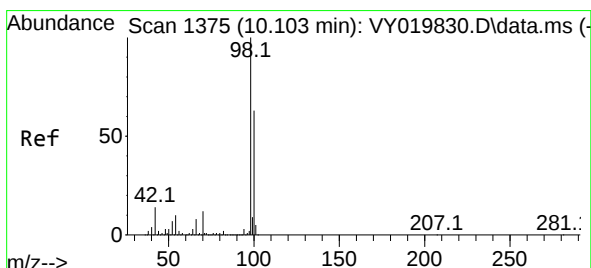
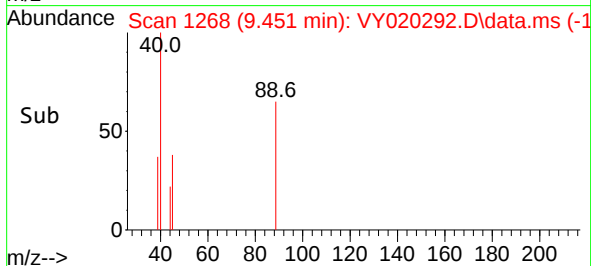
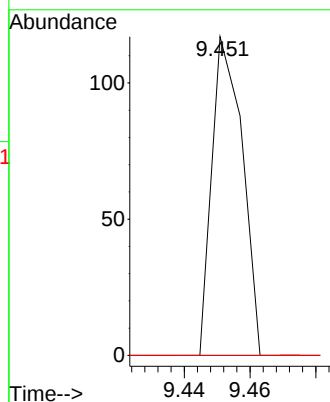
Tgt Ion: 88 Resp: 75

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 48.539 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020292.D

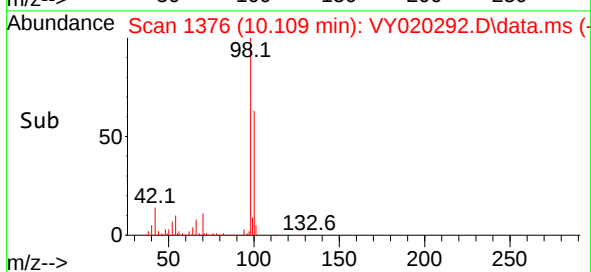
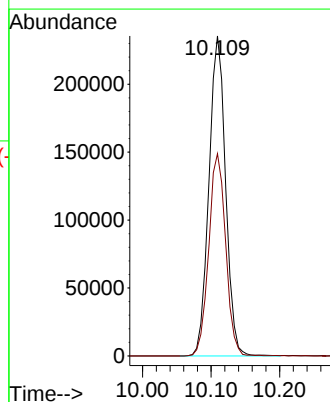
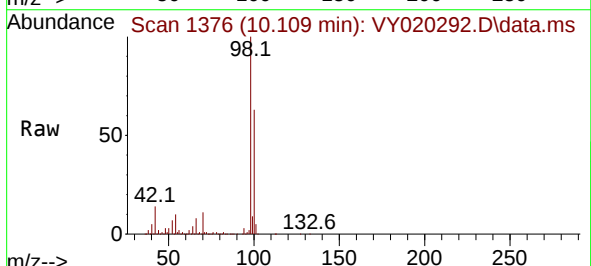
Acq: 13 Nov 2024 18:46

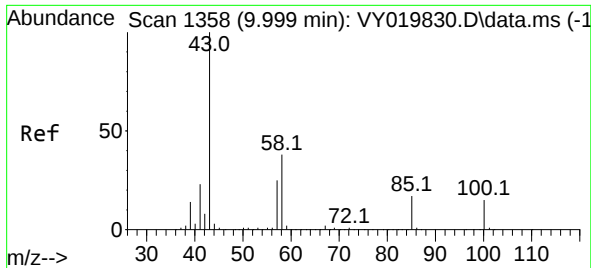
Tgt Ion: 98 Resp: 398660

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.704 ug/l

RT: 10.115 min Scan# 1

Delta R.T. 0.116 min

Lab File: VY020292.D

Acq: 13 Nov 2024 18:46

Instrument :

MSVOA_Y

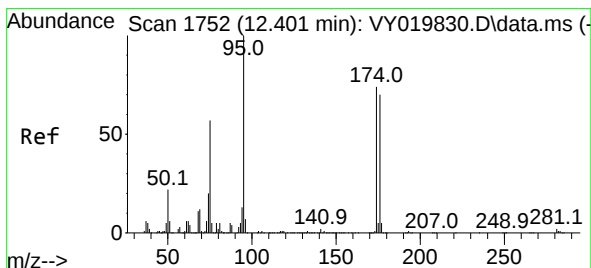
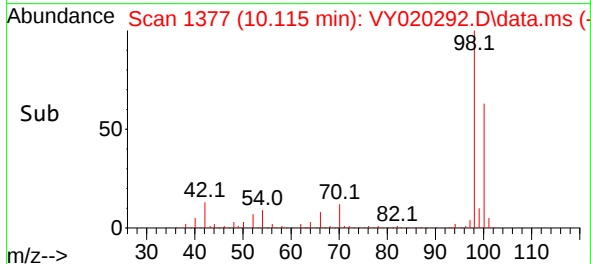
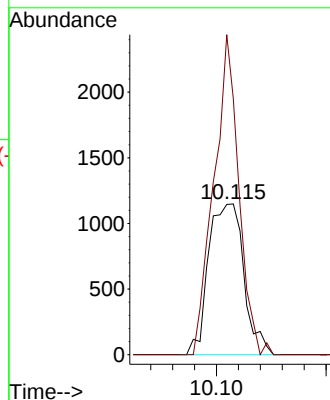
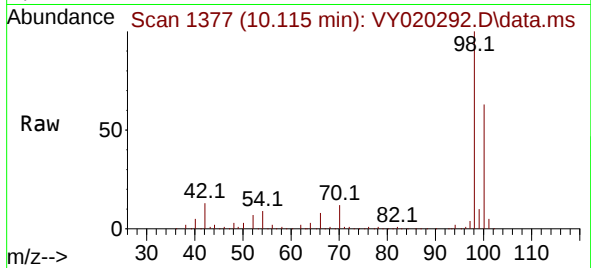
ClientSampleId :

Tgt Ion: 43 Resp: 2566

Ion Ratio Lower Upper

43 100

58 150.1 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 44.620 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020292.D

Acq: 13 Nov 2024 18:46

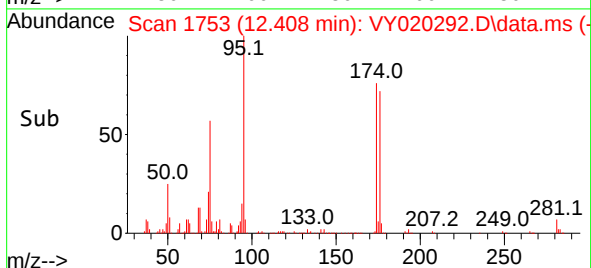
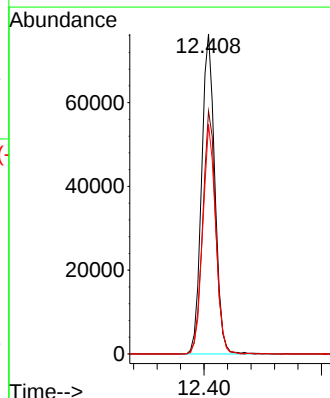
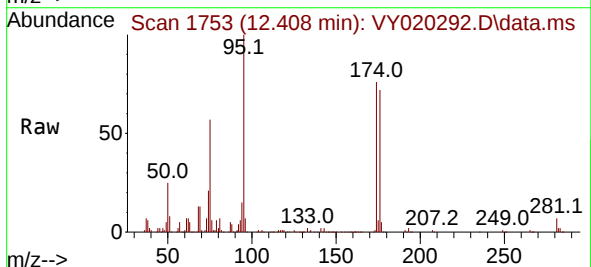
Tgt Ion: 95 Resp: 119036

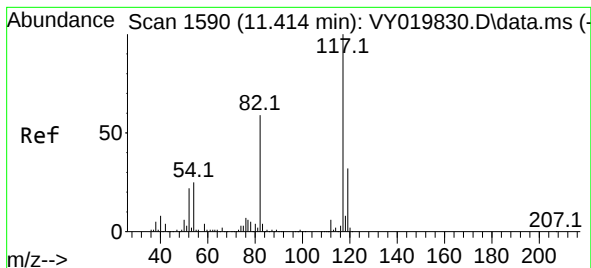
Ion Ratio Lower Upper

95 100

174 74.9 0.0 175.6

176 70.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020292.D

Acq: 13 Nov 2024 18:46

Instrument :

MSVOA_Y

ClientSampleId :

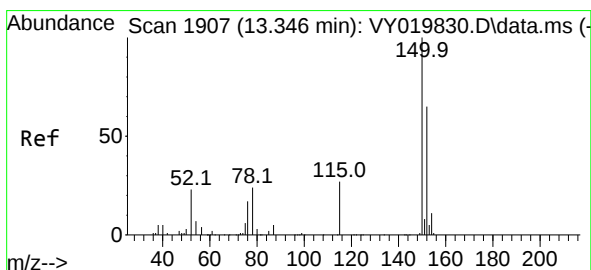
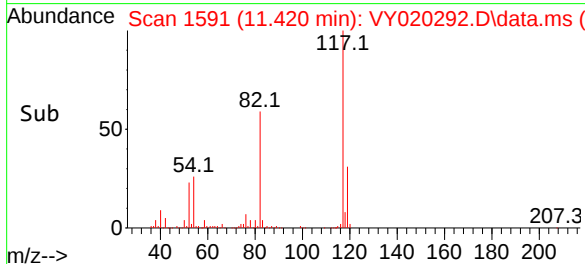
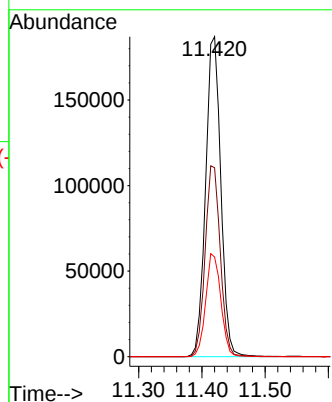
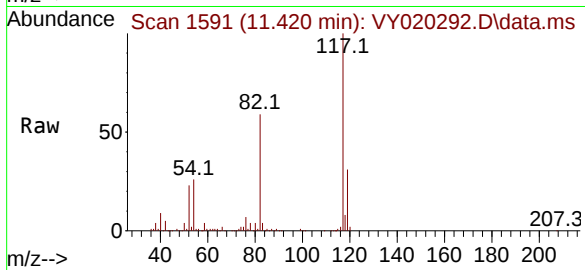
Tgt Ion:117 Resp: 313306

Ion Ratio Lower Upper

117 100

82 59.0 42.4 63.6

119 31.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020292.D

Acq: 13 Nov 2024 18:46

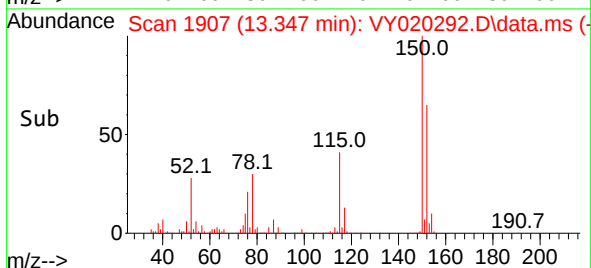
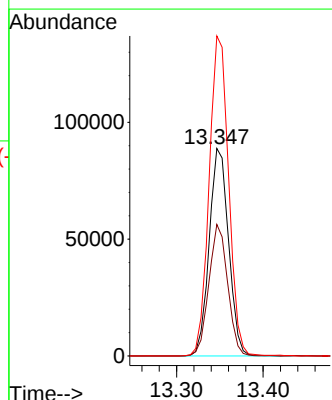
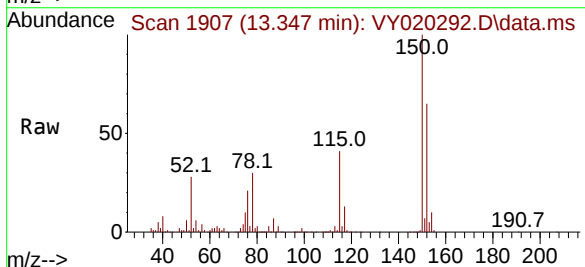
Tgt Ion:152 Resp: 137784

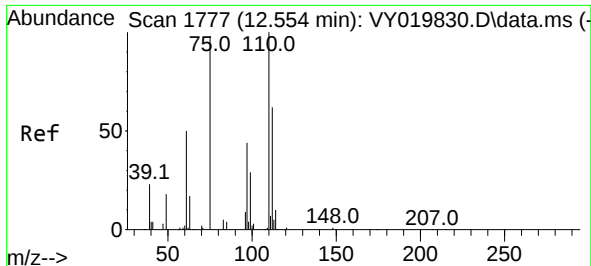
Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 155.5 0.0 345.6

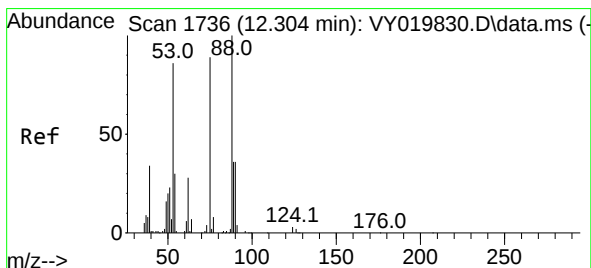
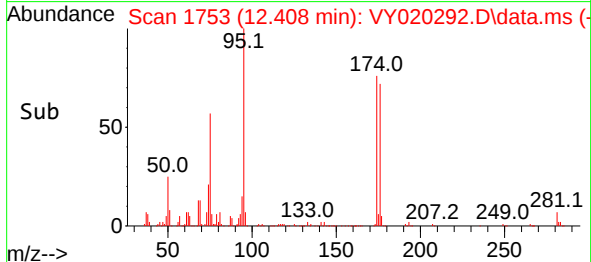
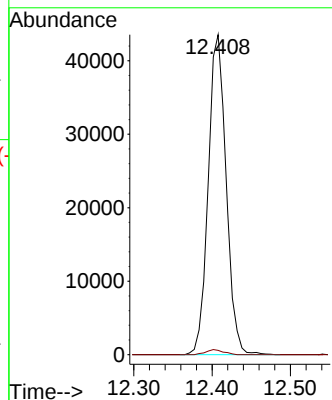
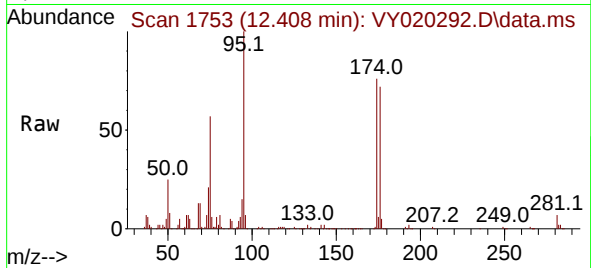




#76
1,2,3-Trichloropropane
Concen: 53.462 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020292.D
Acq: 13 Nov 2024 18:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 69051
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.996 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020292.D
Acq: 13 Nov 2024 18:46

Tgt Ion: 75 Resp: 69051
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.4 35.8 53.6#

