

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020289.D
 Acq On : 13 Nov 2024 17:36
 Operator : SY/MD
 Sample : P4822-01
 Misc : 5.84g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 01:00:53 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)

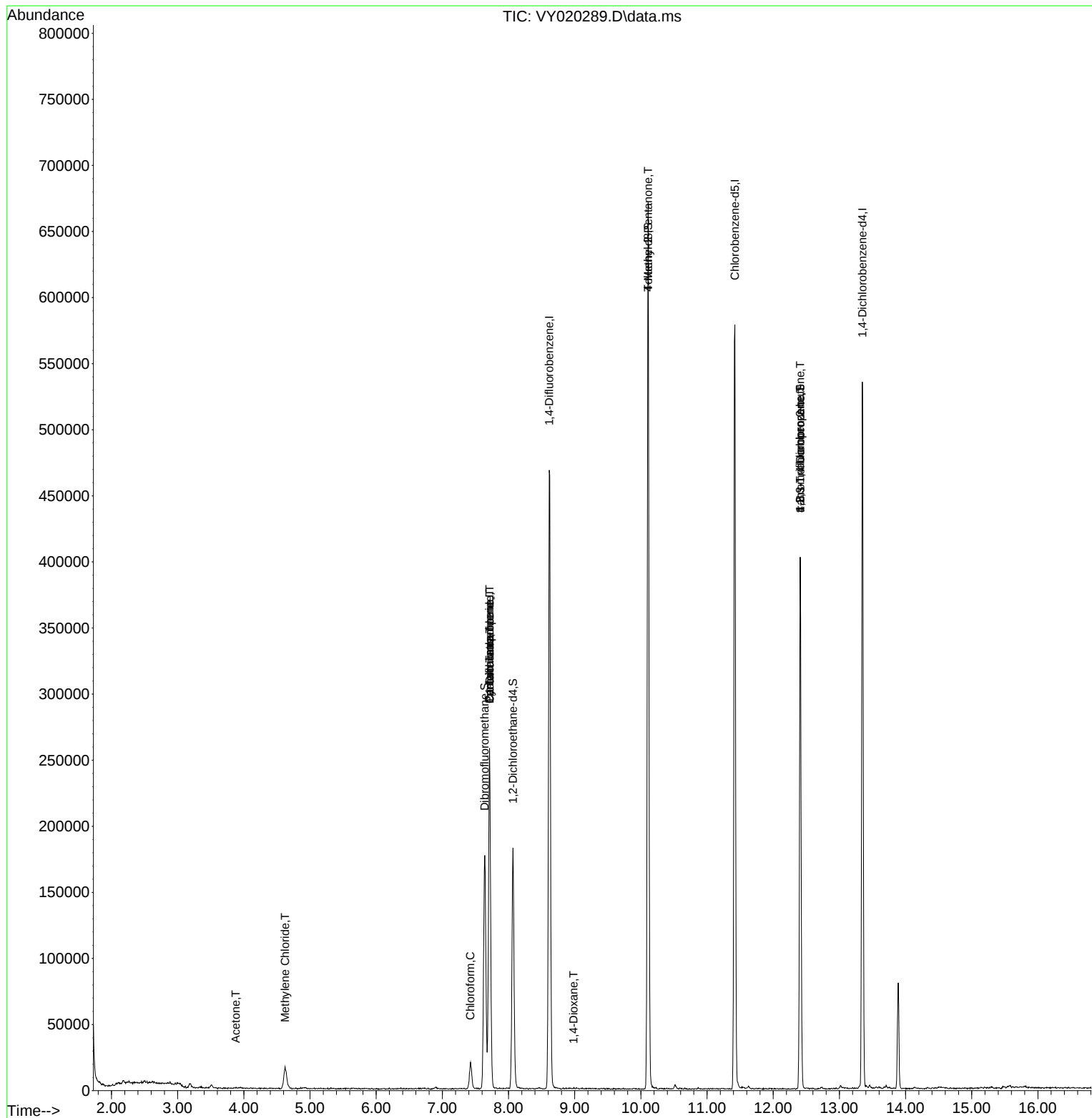
Internal Standards						
1) Pentafluorobenzene	7.713	168	175159	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	388834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	288894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	124141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	136282	62.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.680%	
35) Dibromofluoromethane	7.640	113	124776	50.472	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.940%	
50) Toluene-d8	10.109	98	417341	42.411	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 84.820%	
62) 4-Bromofluorobenzene	12.408	95	111159	34.777	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 69.560%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	1254	2.467	ug/l	# 71
20) Methylene Chloride	4.622	84	11492	5.032	ug/l	89
30) Chloroform	7.421	83	18100	4.451	ug/l	85
31) Cyclohexane	7.713	56	5140	1.296	ug/l	# 25
36) 1,1-Dichloropropene	7.713	75	17104	4.479	ug/l	# 47
38) Carbon Tetrachloride	7.713	117	20871	5.435	ug/l	# 18
49) 1,4-Dioxane	8.981	88	57	3.831	ug/l	# 20
51) 4-Methyl-2-Pentanone	10.109	43	2687	1.489	ug/l	# 1
76) 1,2,3-Trichloropropane	12.408	75	66052	56.761	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	66052	122.090	ug/l	# 16

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

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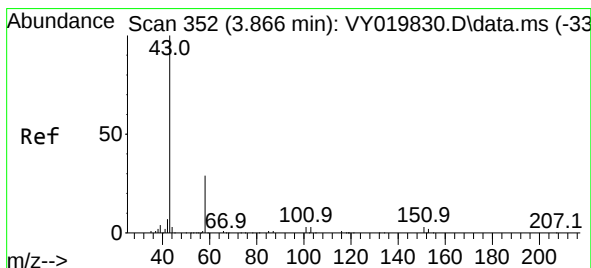
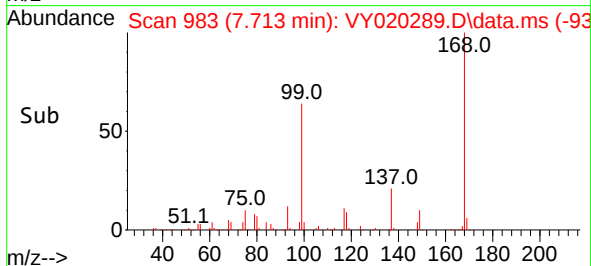
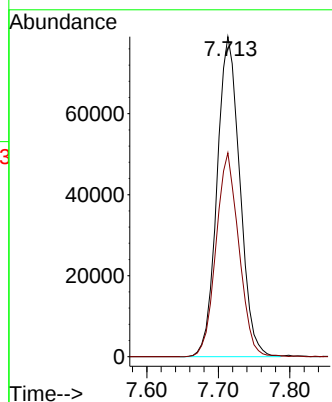
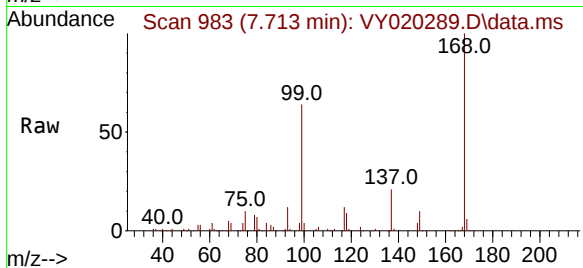




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020289.D
Acq: 13 Nov 2024 17:36

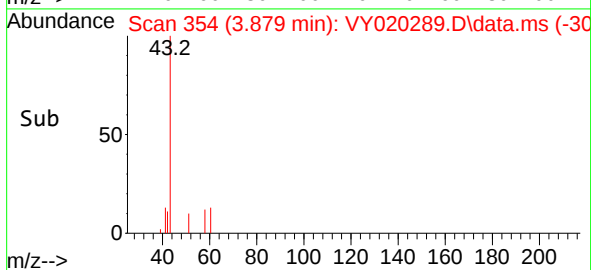
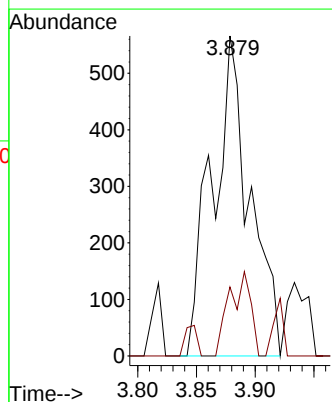
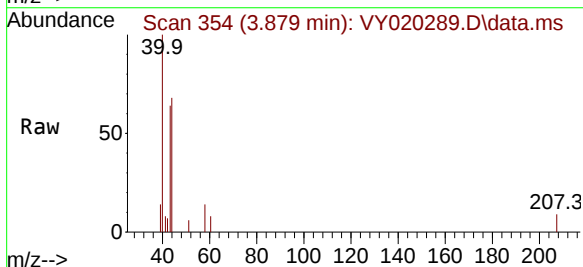
Instrument :
MSVOA_Y
ClientSampleId :

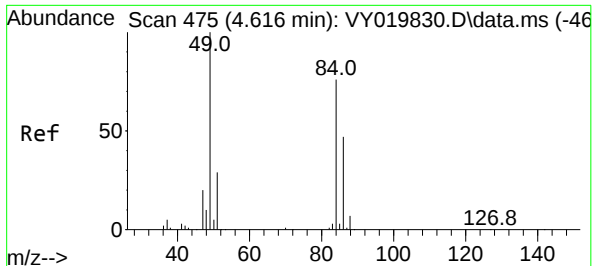
Tgt Ion:168 Resp: 175159
Ion Ratio Lower Upper
168 100
99 63.7 39.1 58.7#



#16
Acetone
Concen: 2.467 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020289.D
Acq: 13 Nov 2024 17:36

Tgt Ion: 43 Resp: 1254
Ion Ratio Lower Upper
43 100
58 21.6 31.7 47.5#

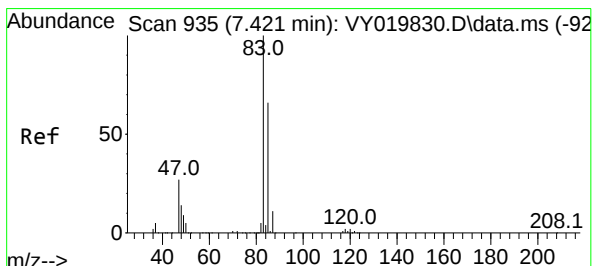
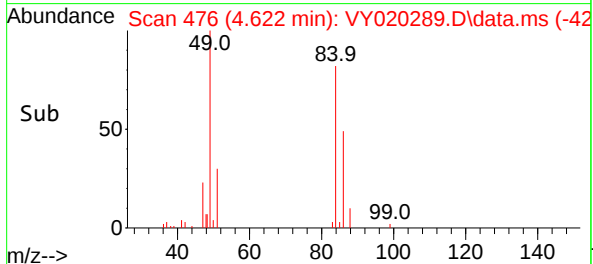
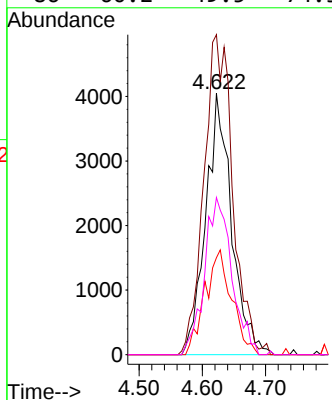
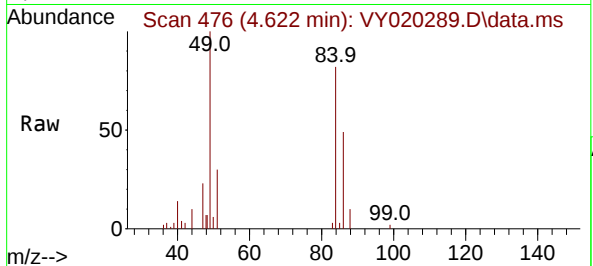




#20
Methylene Chloride
Concen: 5.032 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY020289.D
Acq: 13 Nov 2024 17:36

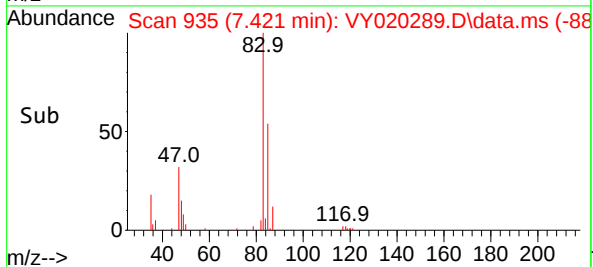
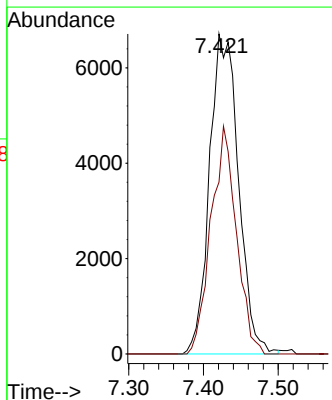
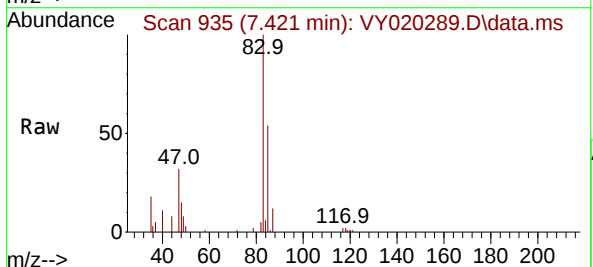
Instrument :
MSVOA_Y
ClientSampleId :

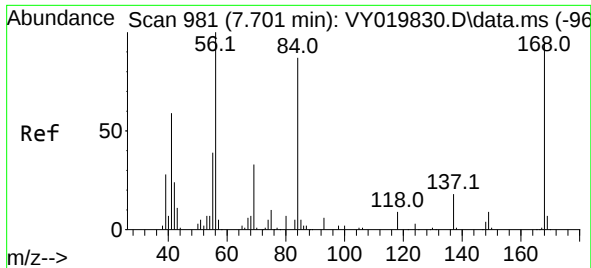
Tgt Ion:	84	Resp:	11492
Ion	Ratio	Lower	Upper
84	100		
49	122.5	84.4	126.6
51	37.1	26.0	39.0
86	60.2	49.5	74.3



#30
Chloroform
Concen: 4.451 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY020289.D
Acq: 13 Nov 2024 17:36

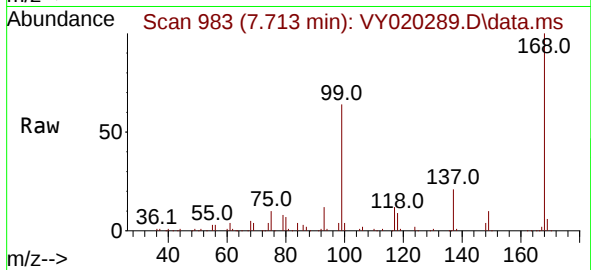
Tgt Ion:	83	Resp:	18100
Ion	Ratio	Lower	Upper
83	100		
85	53.7	52.2	78.4



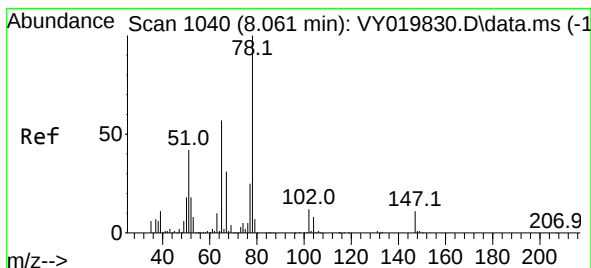
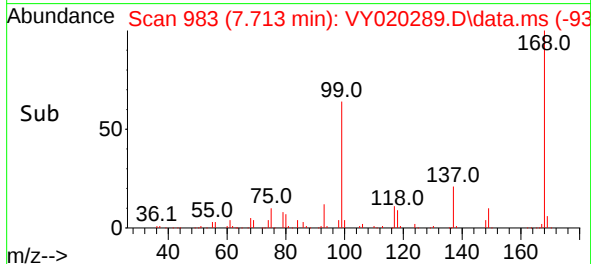
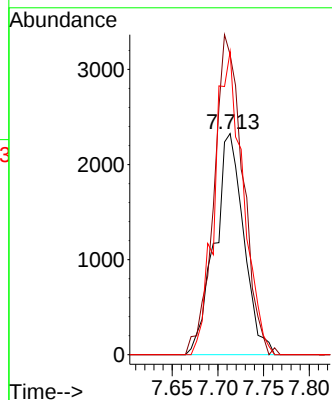


#31
Cyclohexane
Concen: 1.296 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY020289.D
Acq: 13 Nov 2024 17:36

Instrument :
MSVOA_Y
ClientSampleId :

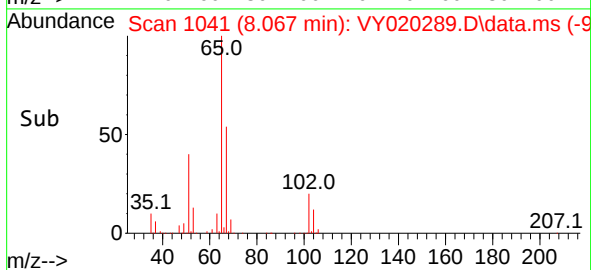
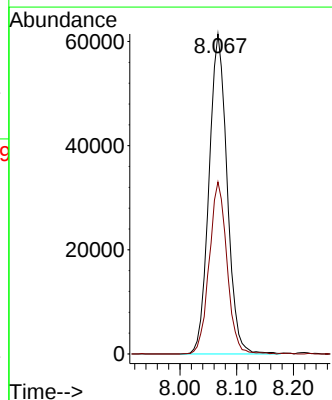
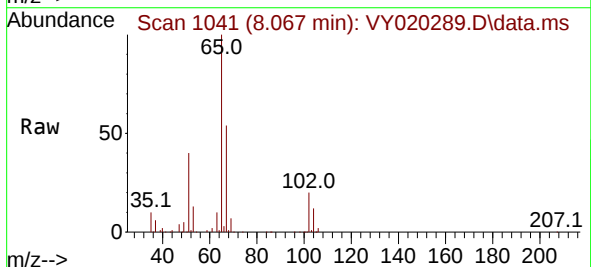


Tgt Ion: 56 Resp: 5140
Ion Ratio Lower Upper
56 100
69 135.6 28.7 43.1#
84 137.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 62.340 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020289.D
Acq: 13 Nov 2024 17:36

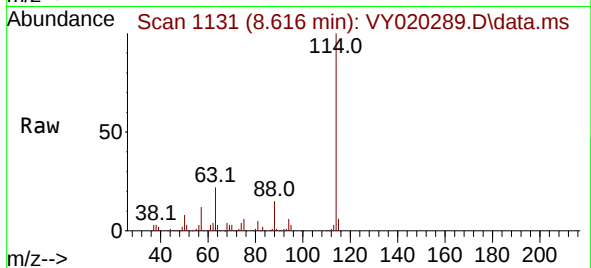
Tgt Ion: 65 Resp: 136282
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6



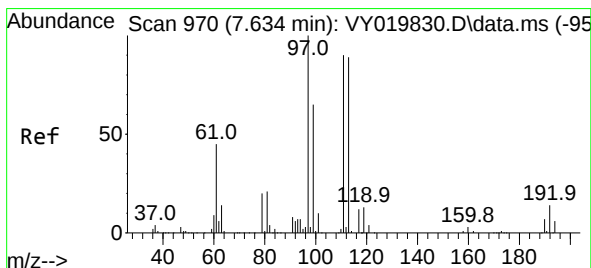
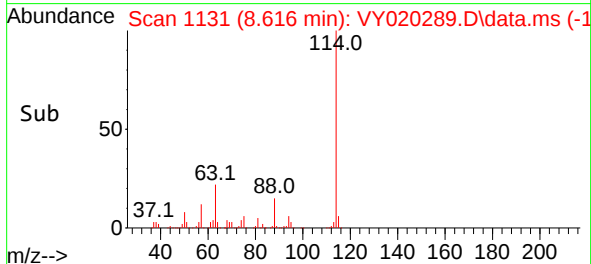
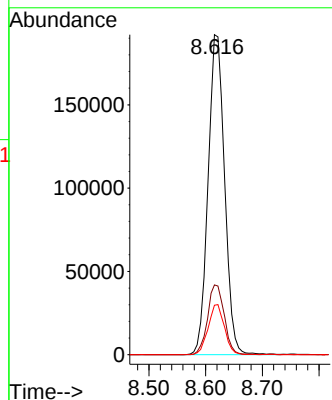


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020289.D
Acq: 13 Nov 2024 17:36

Instrument :
MSVOA_Y
ClientSampleId :

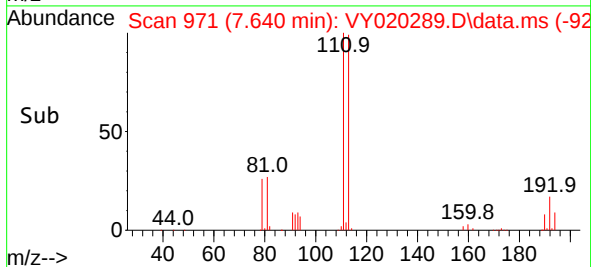
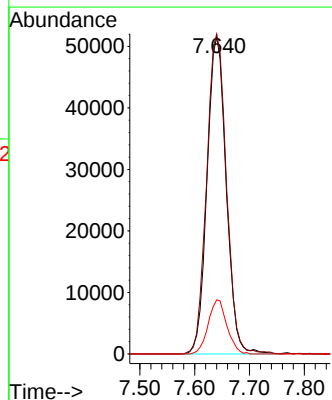
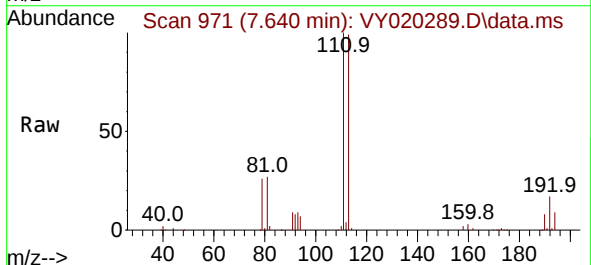


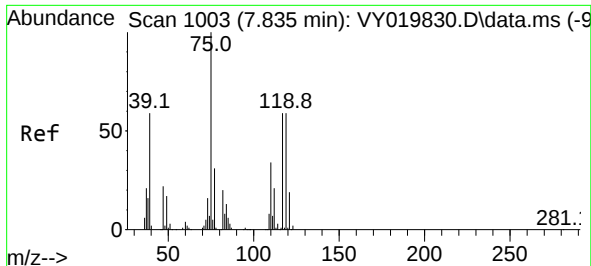
Tgt Ion:114 Resp: 388834
Ion Ratio Lower Upper
114 100
63 21.8 0.0 35.0
88 15.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.472 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020289.D
Acq: 13 Nov 2024 17:36

Tgt Ion:113 Resp: 124776
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 16.7 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.479 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.122 min

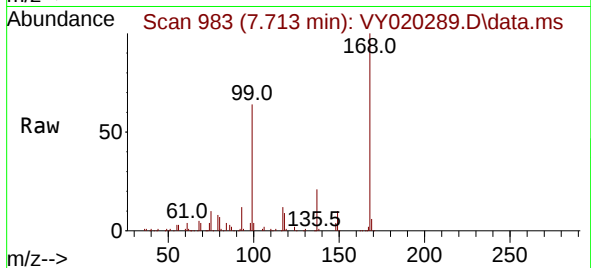
Lab File: VY020289.D

Acq: 13 Nov 2024 17:36

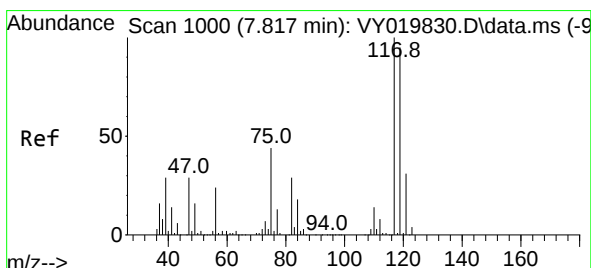
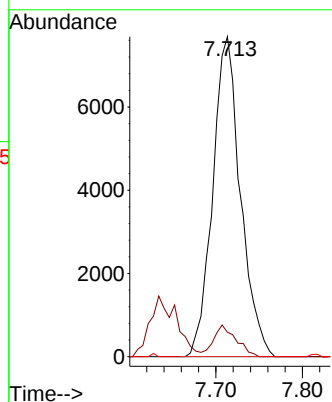
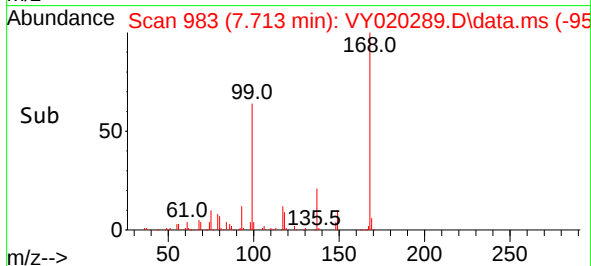
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 17104
Ion Ratio	Lower Upper
75	100
110	8.0 19.0 57.0#
77	0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.435 ug/l

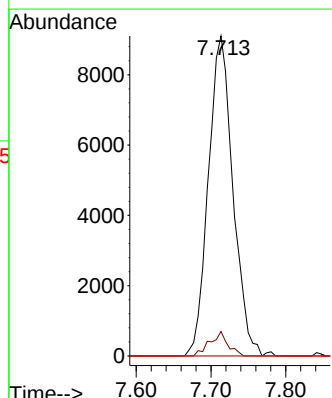
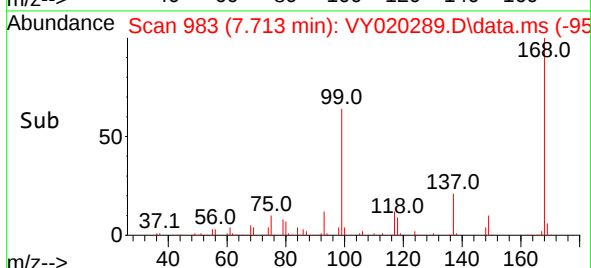
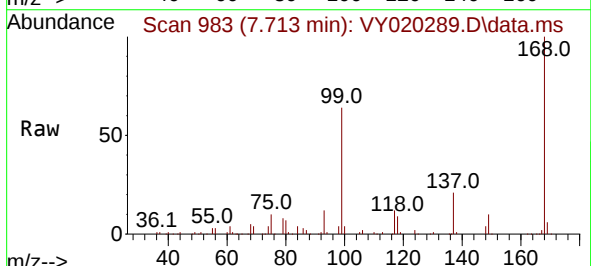
RT: 7.713 min Scan# 983

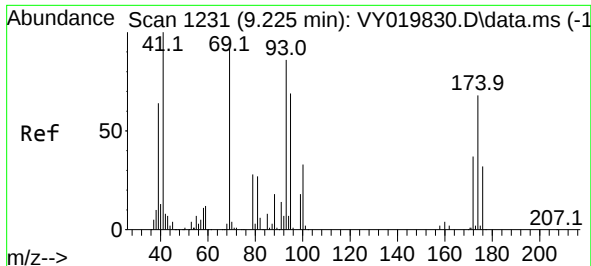
Delta R.T. -0.103 min

Lab File: VY020289.D

Acq: 13 Nov 2024 17:36

Tgt Ion: 117	Resp: 20871
Ion Ratio	Lower Upper
117	100
119	7.6 75.8 113.6#
121	0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 3.831 ug/l

RT: 8.981 min Scan# 1191

Delta R.T. -0.250 min

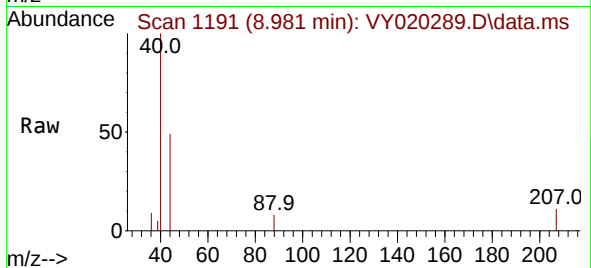
Lab File: VY020289.D

Acq: 13 Nov 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :



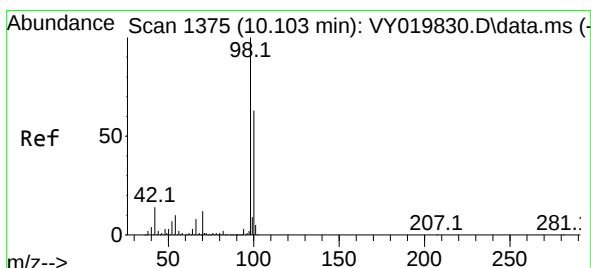
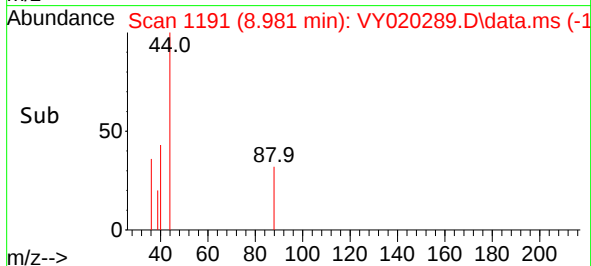
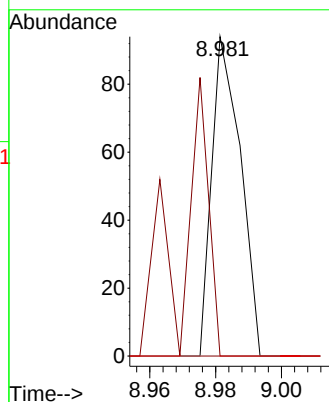
Tgt Ion: 88 Resp: 57

Ion Ratio Lower Upper

88 100

43 86.0 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 42.411 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020289.D

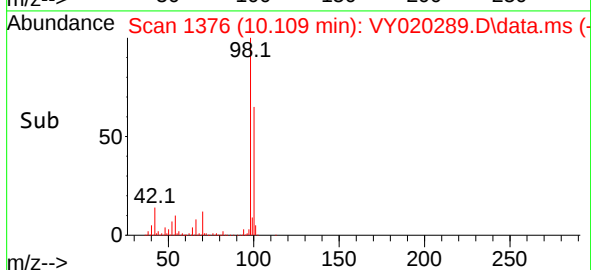
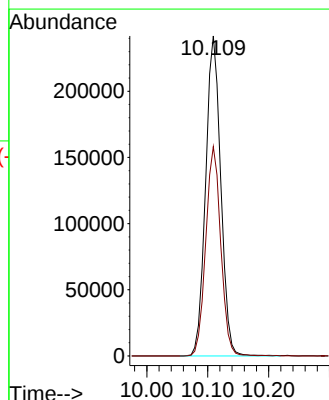
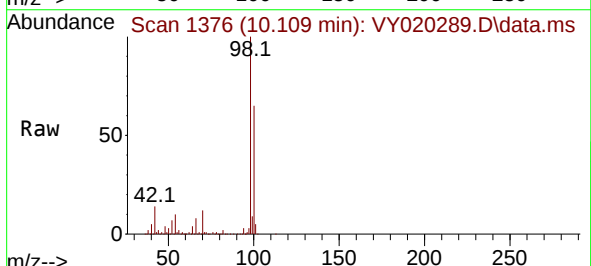
Acq: 13 Nov 2024 17:36

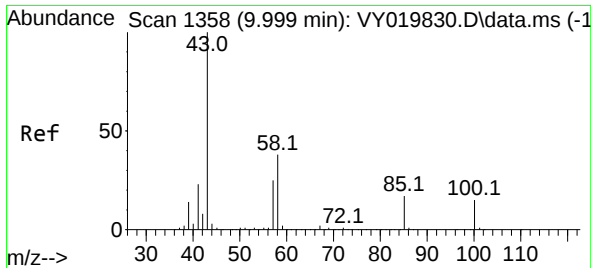
Tgt Ion: 98 Resp: 417341

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.489 ug/l

RT: 10.109 min Scan# 1

Delta R.T. 0.110 min

Lab File: VY020289.D

Acq: 13 Nov 2024 17:36

Instrument :

MSVOA_Y

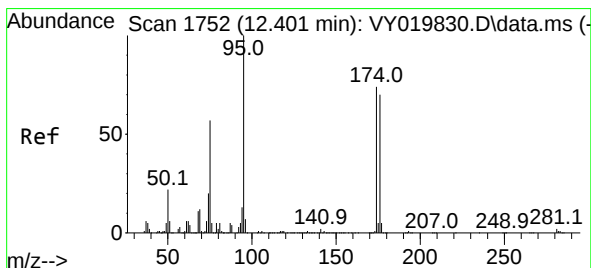
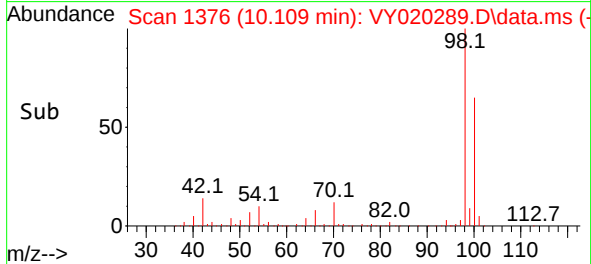
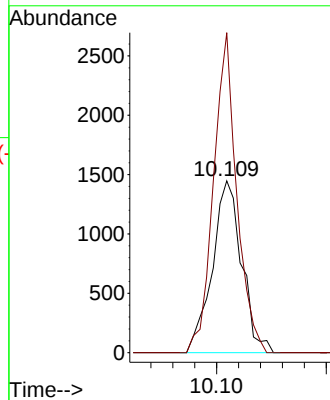
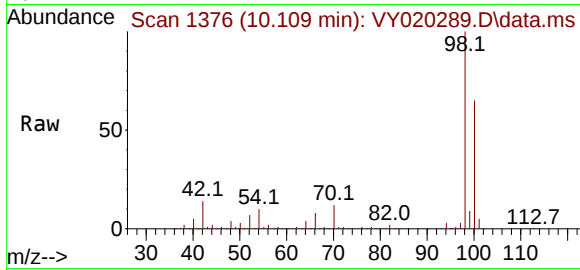
ClientSampleId :

Tgt Ion: 43 Resp: 2687

Ion Ratio Lower Upper

43 100

58 147.9 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 34.777 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020289.D

Acq: 13 Nov 2024 17:36

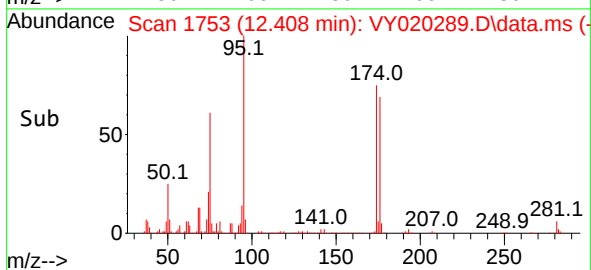
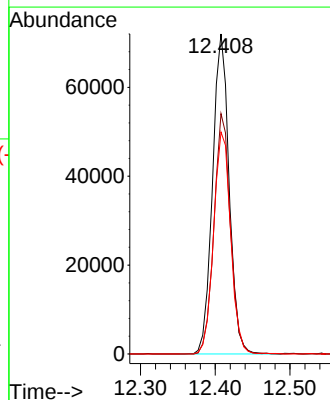
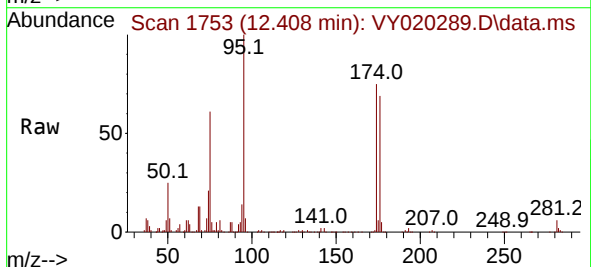
Tgt Ion: 95 Resp: 111159

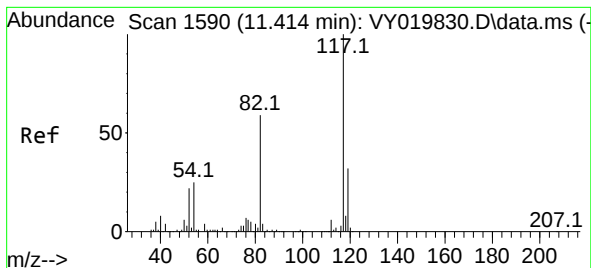
Ion Ratio Lower Upper

95 100

174 74.6 0.0 175.6

176 71.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

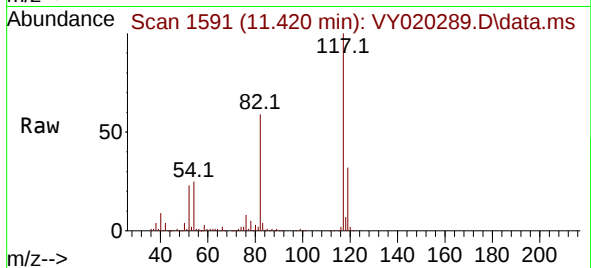
Lab File: VY020289.D

Acq: 13 Nov 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :



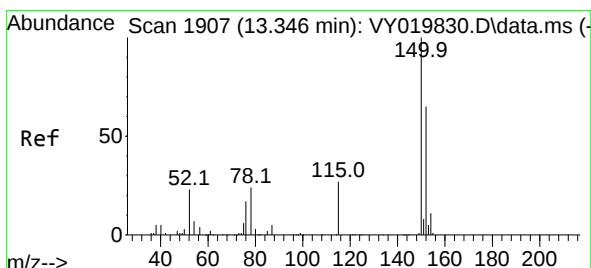
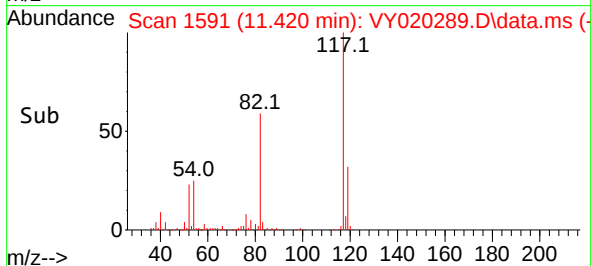
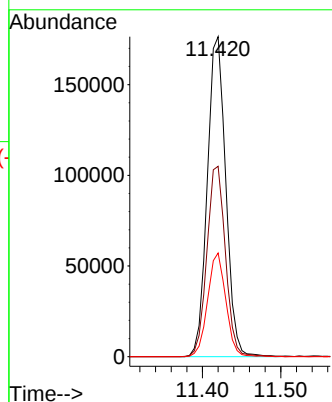
Tgt Ion:117 Resp: 288894

Ion Ratio Lower Upper

117 100

82 59.5 42.4 63.6

119 32.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020289.D

Acq: 13 Nov 2024 17:36

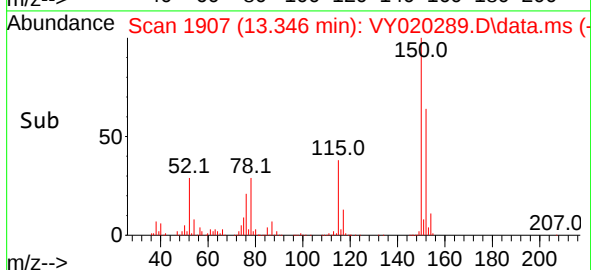
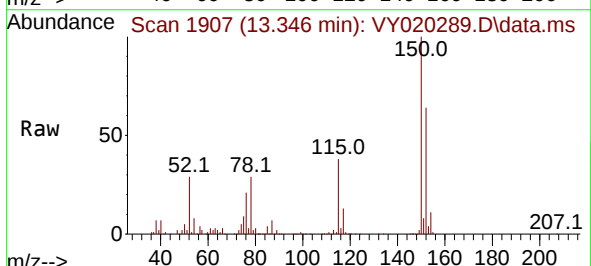
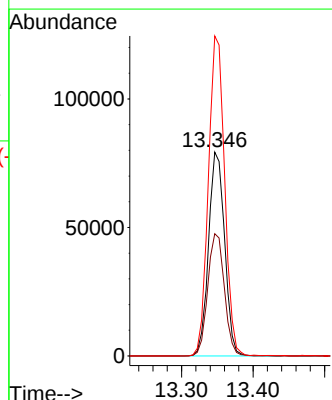
Tgt Ion:152 Resp: 124141

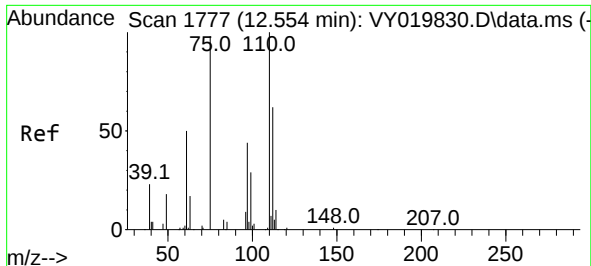
Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 158.5 0.0 345.6

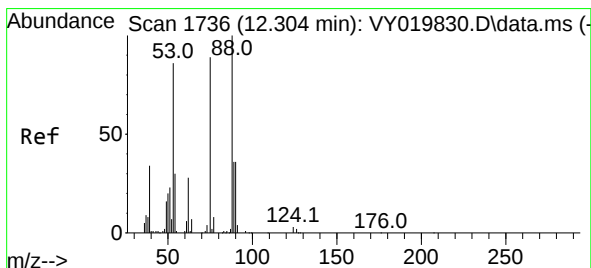
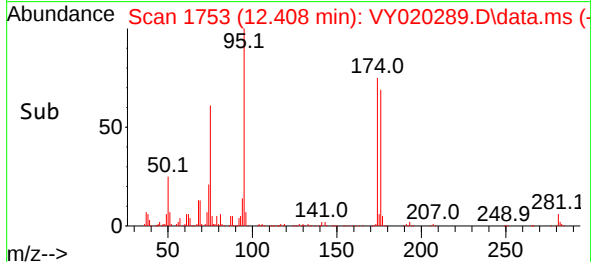
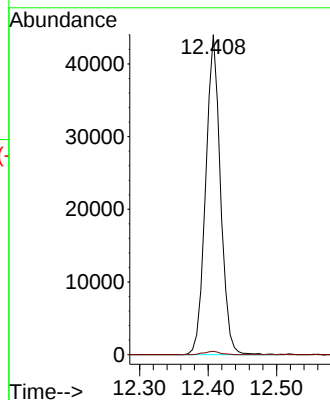
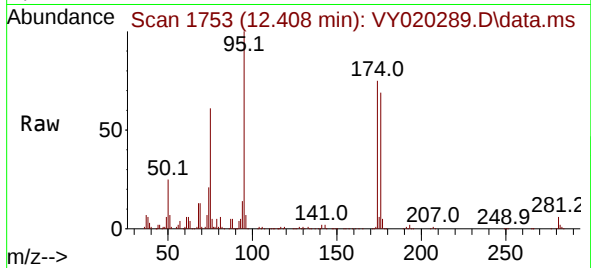




#76
1,2,3-Trichloropropane
Concen: 56.761 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020289.D
Acq: 13 Nov 2024 17:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 66052
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.090 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020289.D
Acq: 13 Nov 2024 17:36

Tgt Ion: 75 Resp: 66052
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

