

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020406.D
 Acq On : 22 Nov 2024 12:01
 Operator : SY/MD
 Sample : P4892-02
 Misc : 8.56g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 23:58:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	149521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	283533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	251330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	91188	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	80176	46.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.340%
35) Dibromofluoromethane	7.640	113	86936	47.817	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.640%
50) Toluene-d8	10.109	98	339071	47.344	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.680%
62) 4-Bromofluorobenzene	12.408	95	105655	45.891	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.780%

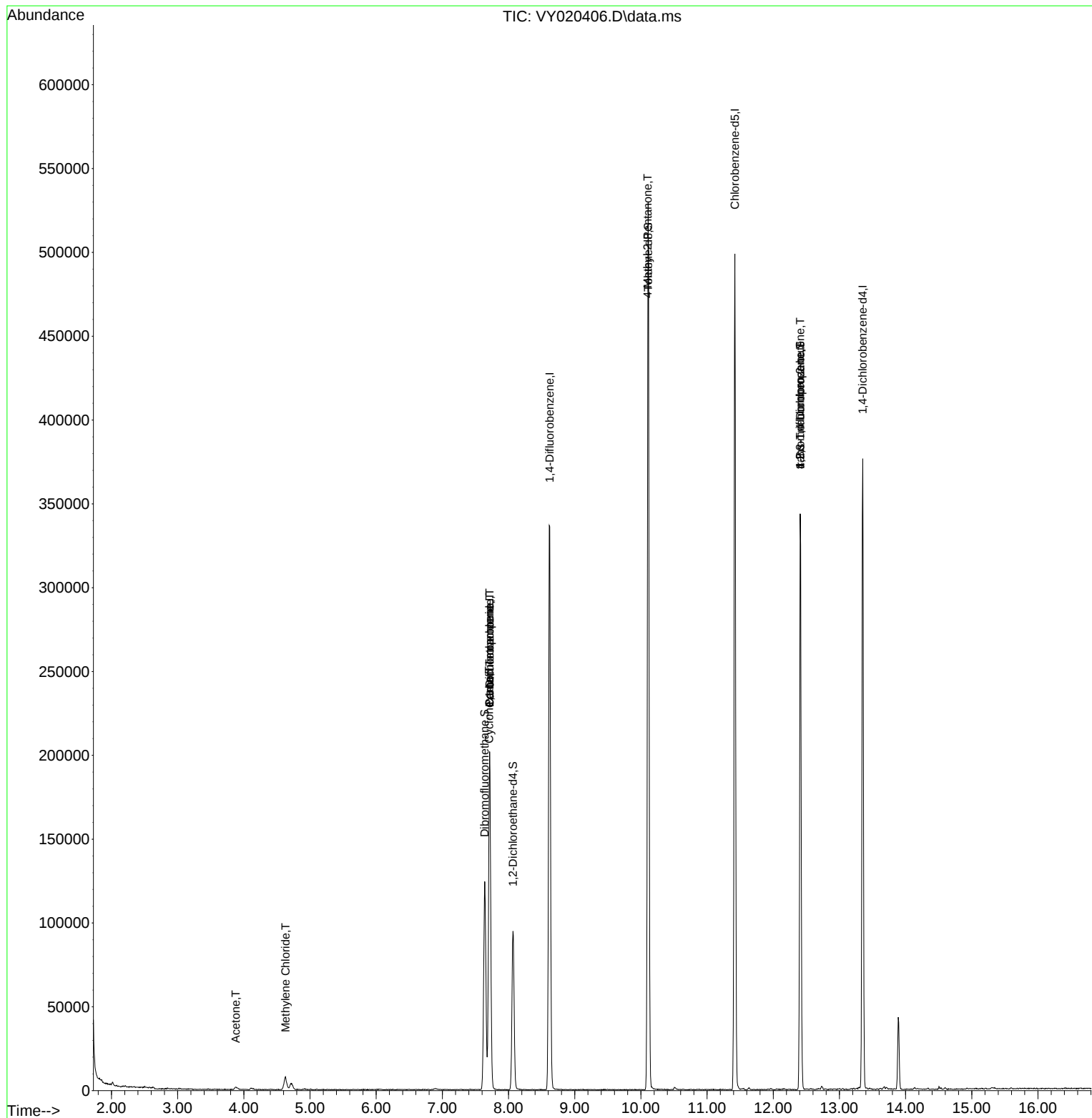
Target Compounds					Qvalue	
3) Chloromethane	2.080	50	85	Below Cal	#	41
16) Acetone	3.879	43	3071	7.457	ug/l #	85
20) Methylene Chloride	4.629	84	5319	3.050	ug/l #	93
31) Cyclohexane	7.707	56	3549	1.108	ug/l #	28
36) 1,1-Dichloropropene	7.713	75	12311	4.433	ug/l #	53
38) Carbon Tetrachloride	7.713	117	15660	5.401	ug/l #	17
51) 4-Methyl-2-Pentanone	10.103	43	1458	1.161	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	58257	67.782	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	58257	132.816	ug/l #	9

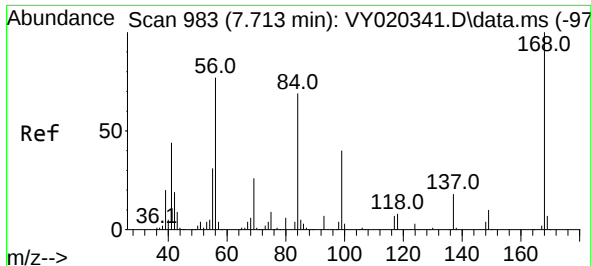
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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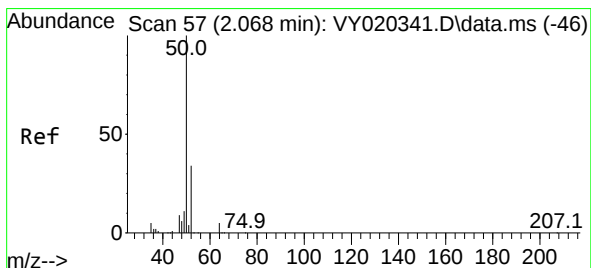
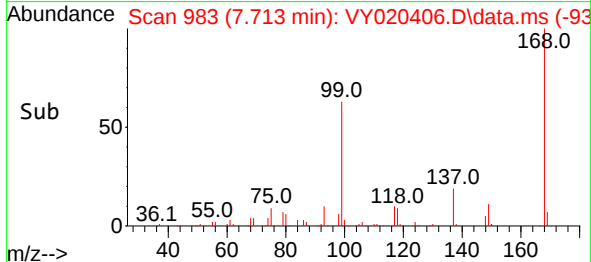
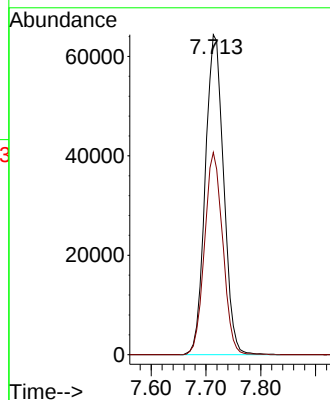
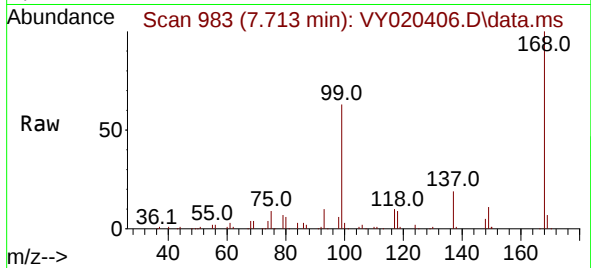




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020406.D
Acq: 22 Nov 2024 12:01

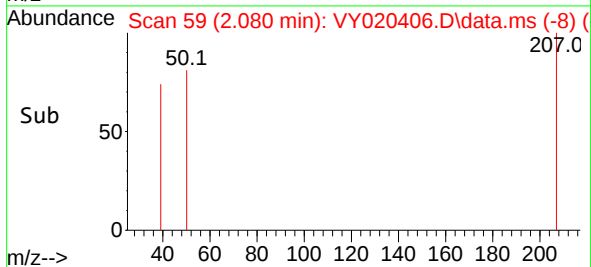
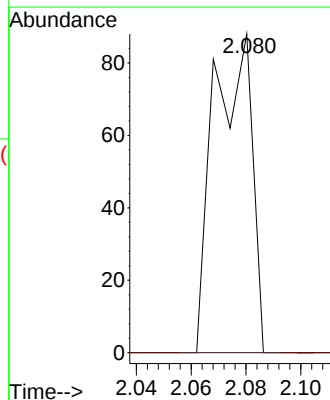
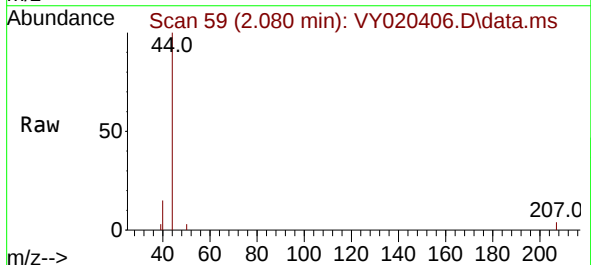
Instrument :
MSVOA_Y
ClientSampleId :

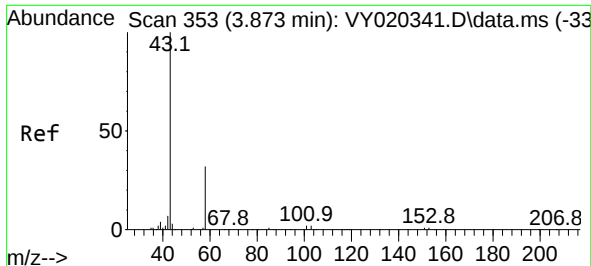
Tgt Ion:168 Resp: 149521
Ion Ratio Lower Upper
168 100
99 63.2 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.080 min Scan# 59
Delta R.T. 0.012 min
Lab File: VY020406.D
Acq: 22 Nov 2024 12:01

Tgt Ion: 50 Resp: 85
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#





#16

Acetone

Concen: 7.457 ug/l

RT: 3.879 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY020406.D

Acq: 22 Nov 2024 12:01

Instrument :

MSVOA_Y

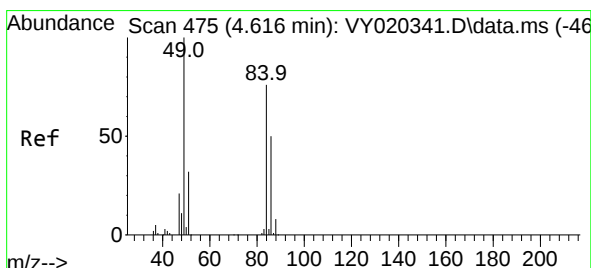
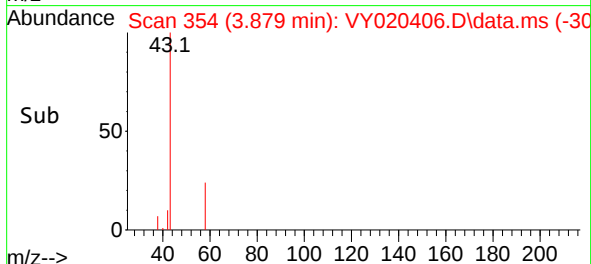
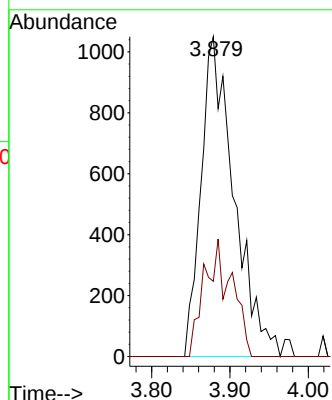
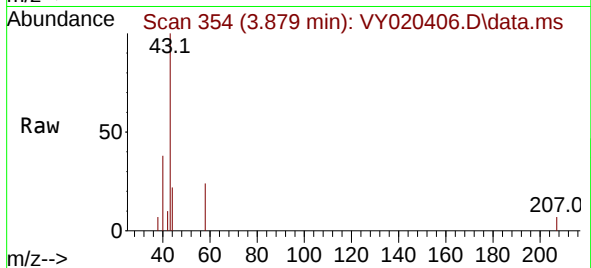
ClientSampleId :

Tgt Ion: 43 Resp: 3071

Ion Ratio Lower Upper

43 100

58 23.5 25.7 38.5#



#20

Methylene Chloride

Concen: 3.050 ug/l

RT: 4.629 min Scan# 477

Delta R.T. 0.012 min

Lab File: VY020406.D

Acq: 22 Nov 2024 12:01

Tgt Ion: 84 Resp: 5319

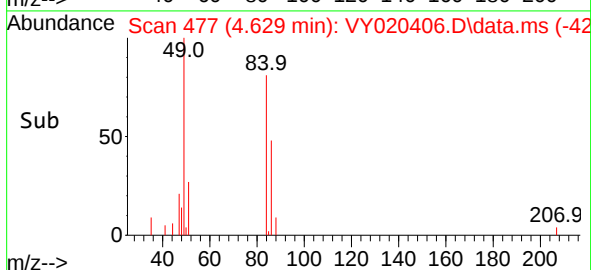
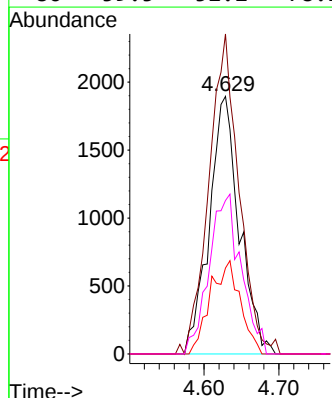
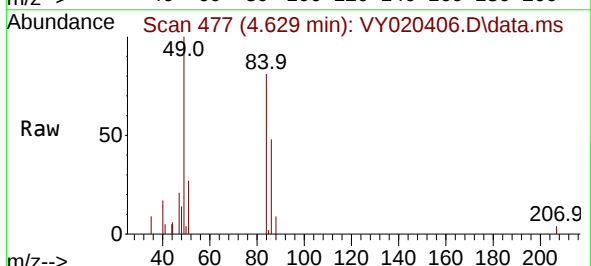
Ion Ratio Lower Upper

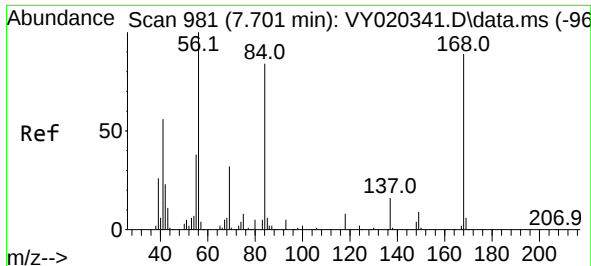
84 100

49 124.2 104.7 157.1

51 33.3 33.4 50.0#

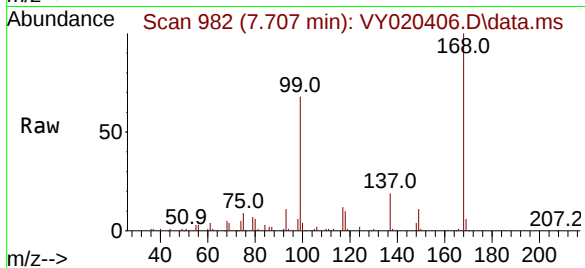
86 59.5 52.2 78.2



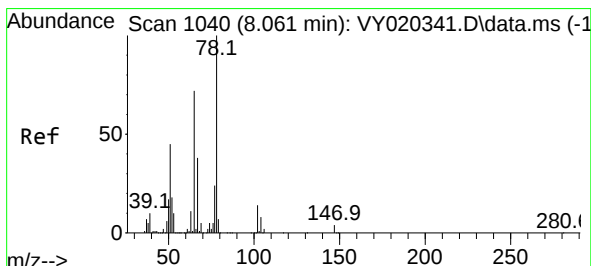
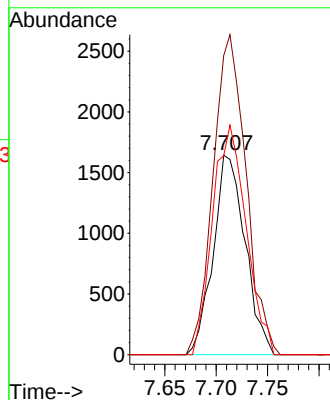
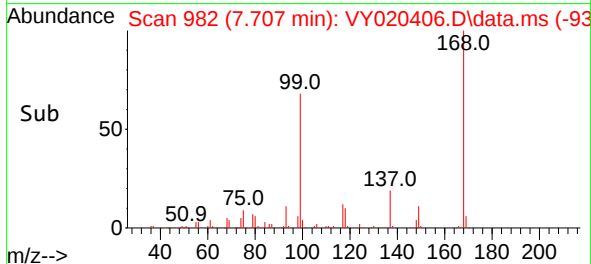


#31
Cyclohexane
Concen: 1.108 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020406.D
Acq: 22 Nov 2024 12:01

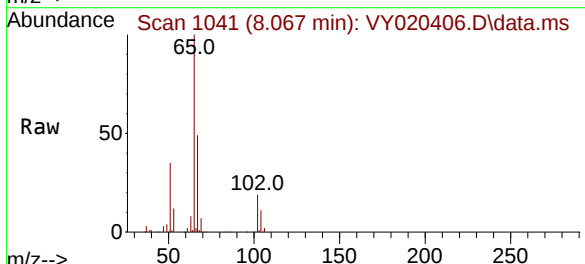
Instrument :
MSVOA_Y
ClientSampleId :



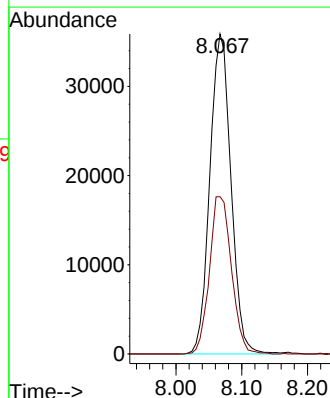
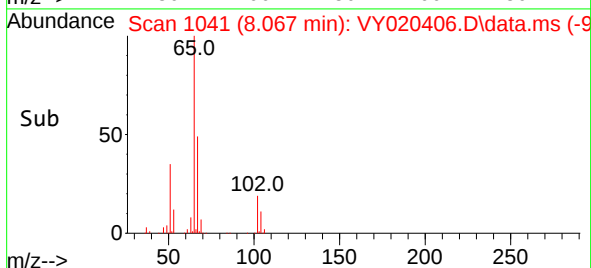
Tgt Ion: 56 Resp: 3549
Ion Ratio Lower Upper
56 100
69 150.0 25.3 37.9#
84 99.7 66.9 100.3

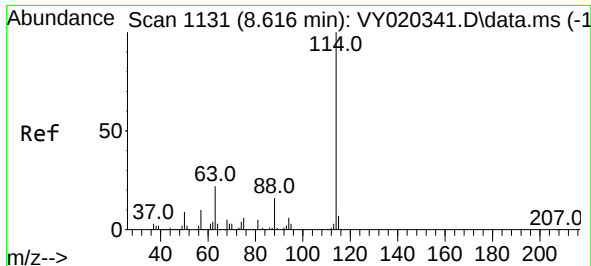


#33
1,2-Dichloroethane-d4
Concen: 46.673 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020406.D
Acq: 22 Nov 2024 12:01



Tgt Ion: 65 Resp: 80176
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY020406.D

Acq: 22 Nov 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

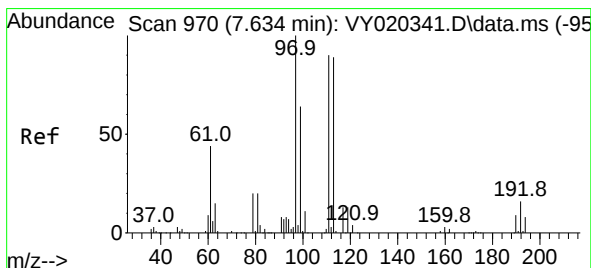
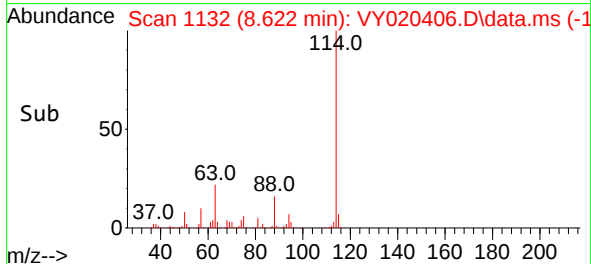
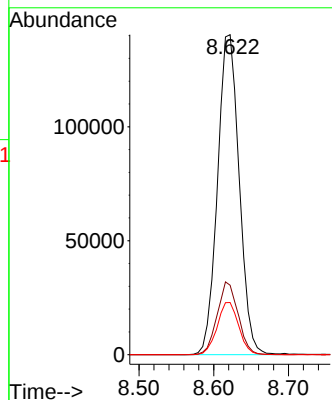
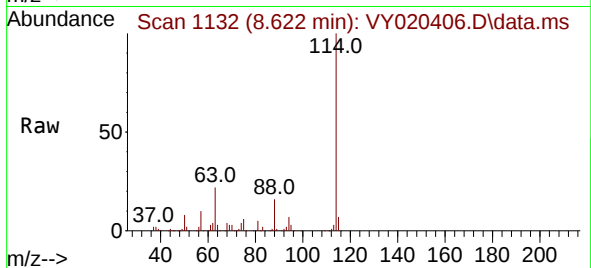
Tgt Ion:114 Resp: 283533

Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.8

88 16.3 0.0 32.0



#35

Dibromofluoromethane

Concen: 47.817 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020406.D

Acq: 22 Nov 2024 12:01

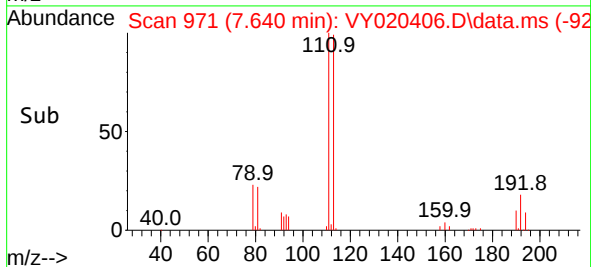
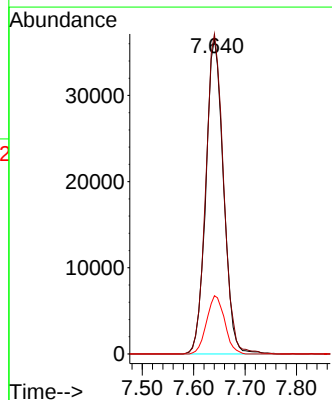
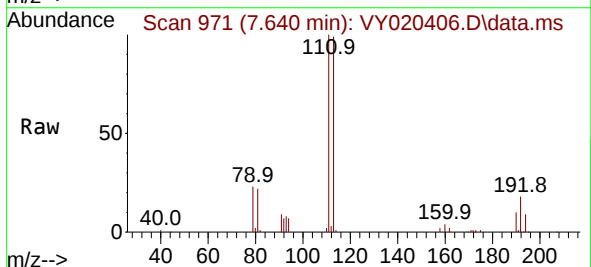
Tgt Ion:113 Resp: 86936

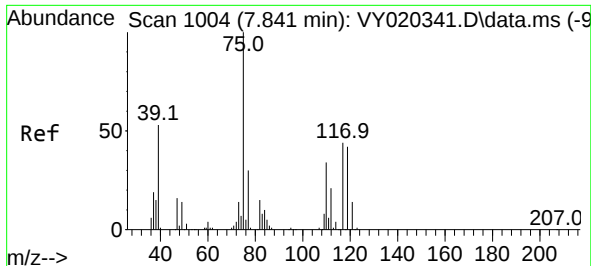
Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

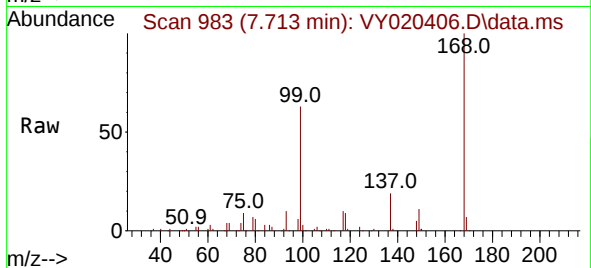
192 18.9 15.1 22.7



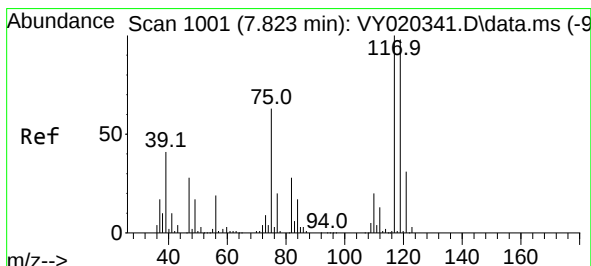
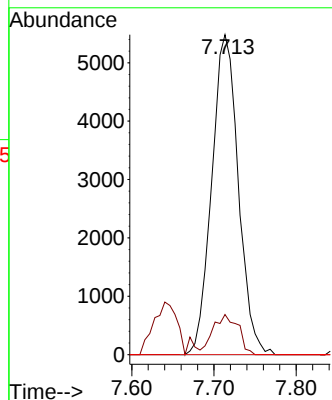
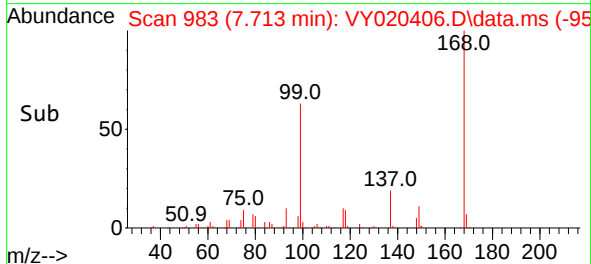


#36
1,1-Dichloropropene
Concen: 4.433 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020406.D
Acq: 22 Nov 2024 12:01

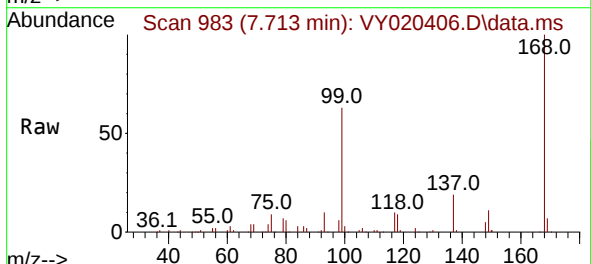
Instrument :
MSVOA_Y
ClientSampleId :



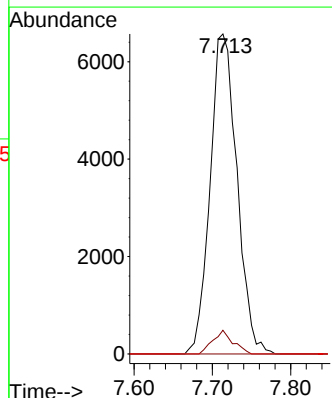
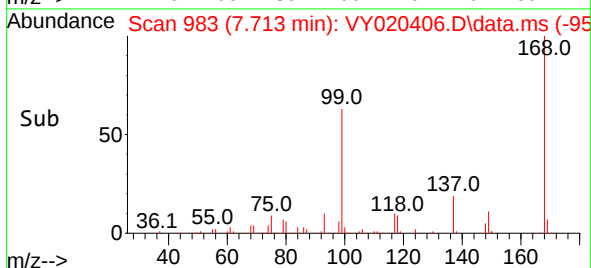
Tgt Ion: 75 Resp: 12311
Ion Ratio Lower Upper
75 100
110 11.9 16.7 50.0#
77 0.0 24.6 36.8#

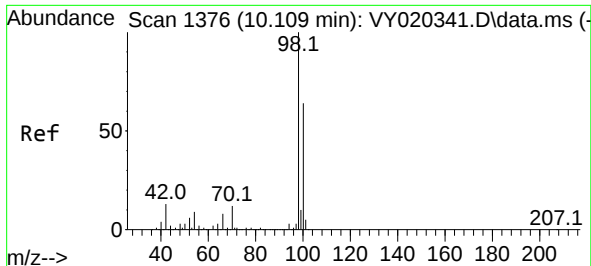


#38
Carbon Tetrachloride
Concen: 5.401 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY020406.D
Acq: 22 Nov 2024 12:01



Tgt Ion: 117 Resp: 15660
Ion Ratio Lower Upper
117 100
119 7.4 77.8 116.6#
121 0.0 24.6 37.0#

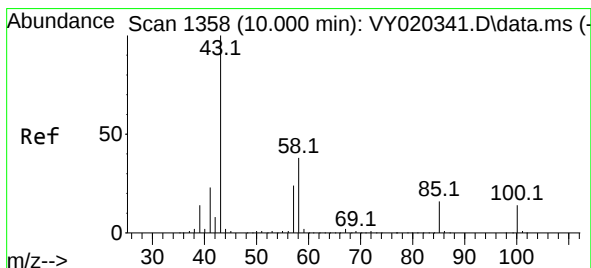
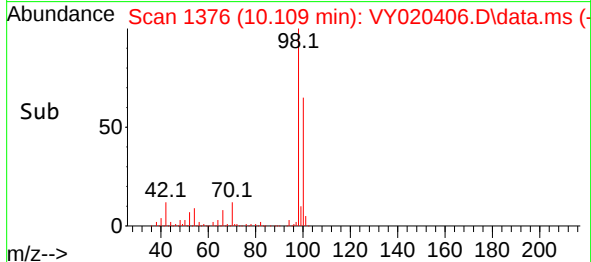
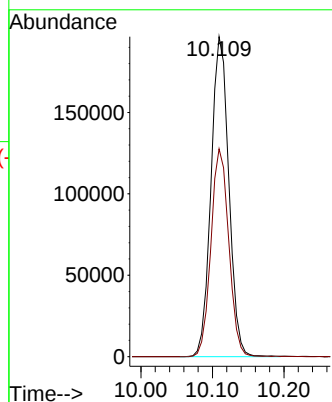
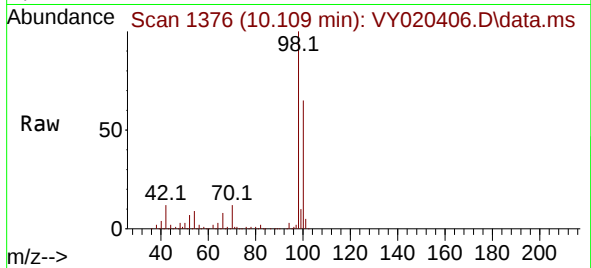




#50
Toluene-d8
Concen: 47.344 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020406.D
Acq: 22 Nov 2024 12:01

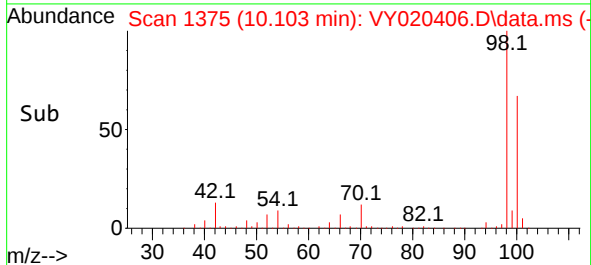
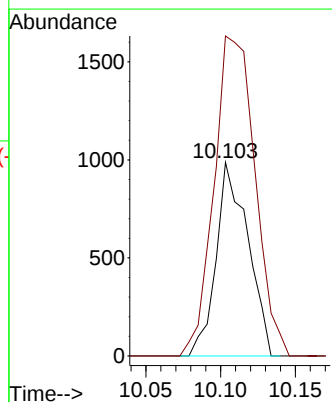
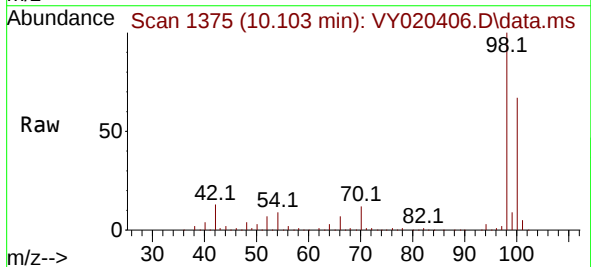
Instrument :
MSVOA_Y
ClientSampleId :

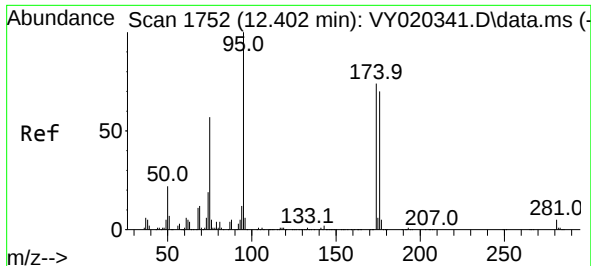
Tgt Ion: 98 Resp: 339071
Ion Ratio Lower Upper
98 100
100 65.1 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.161 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.104 min
Lab File: VY020406.D
Acq: 22 Nov 2024 12:01

Tgt Ion: 43 Resp: 1458
Ion Ratio Lower Upper
43 100
58 213.4 30.9 46.3#

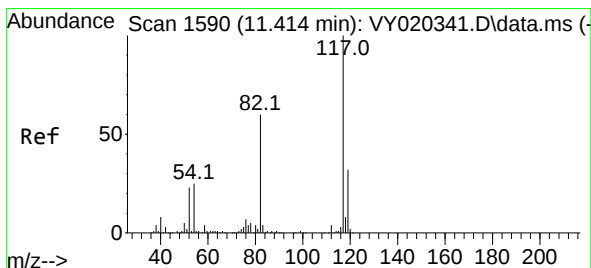
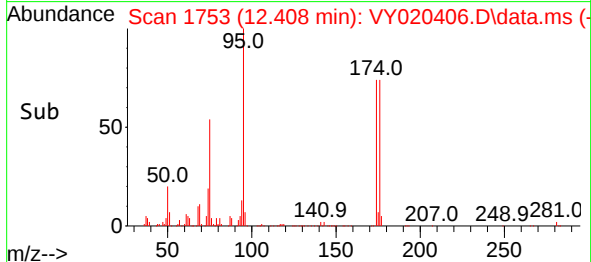
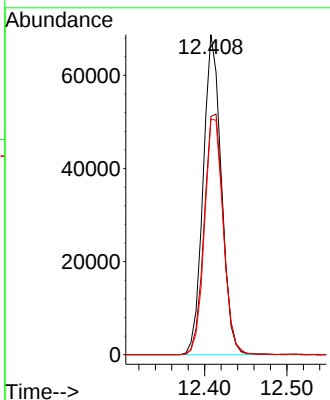
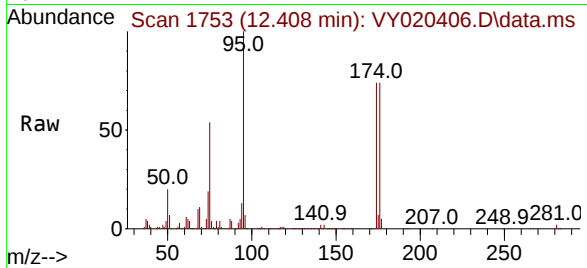




#62
4-Bromofluorobenzene
Concen: 45.891 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020406.D
Acq: 22 Nov 2024 12:01

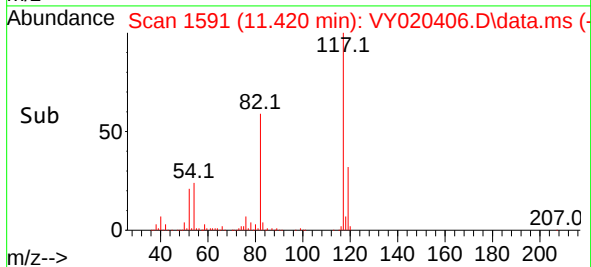
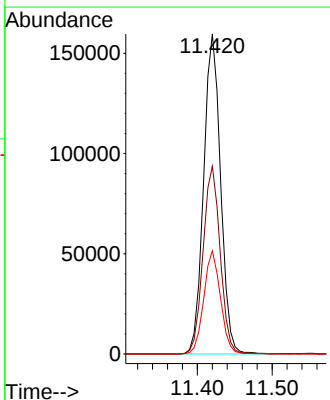
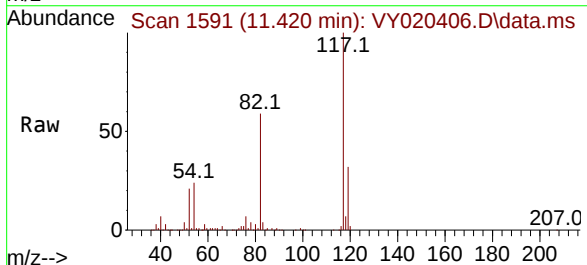
Instrument :
MSVOA_Y
ClientSampleId :

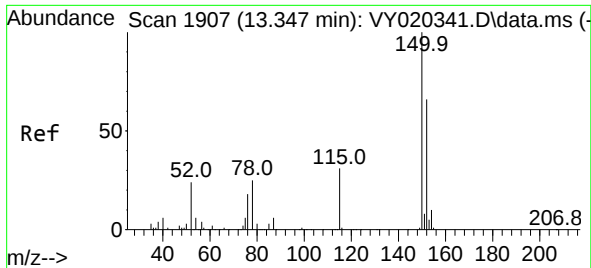
Tgt Ion: 95 Resp: 105655
Ion Ratio Lower Upper
95 100
174 79.1 0.0 156.8
176 76.0 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY020406.D
Acq: 22 Nov 2024 12:01

Tgt Ion: 117 Resp: 251330
Ion Ratio Lower Upper
117 100
82 58.7 48.2 72.4
119 32.2 25.8 38.8

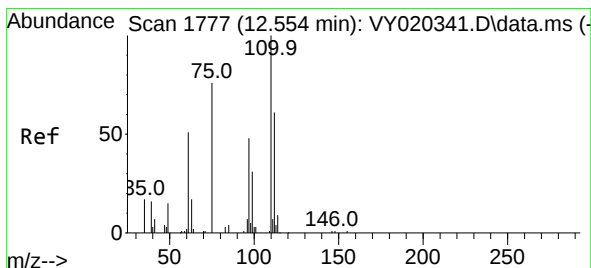
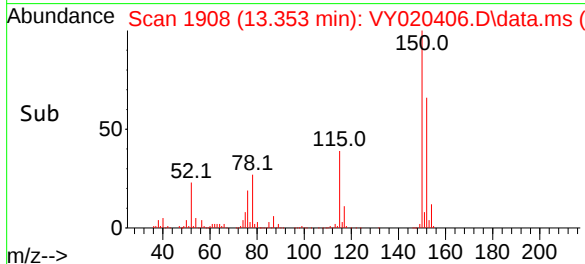
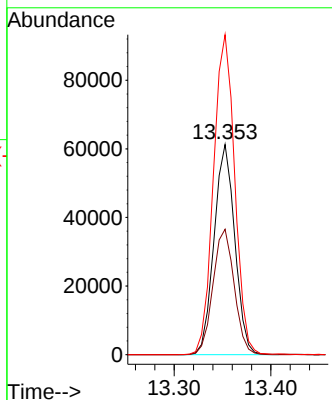
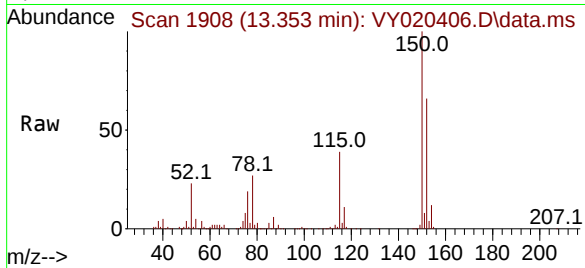




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VY020406.D
 Acq: 22 Nov 2024 12:01

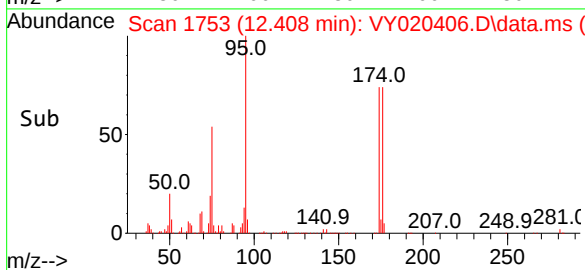
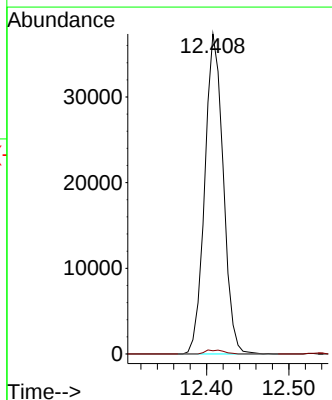
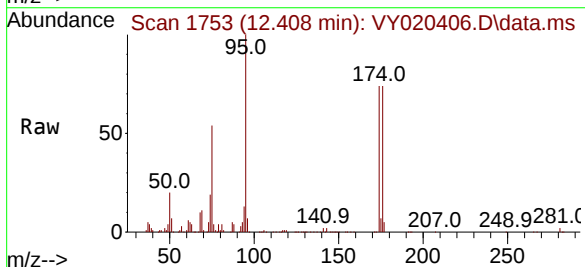
Instrument :
 MSVOA_Y
 ClientSampleId :

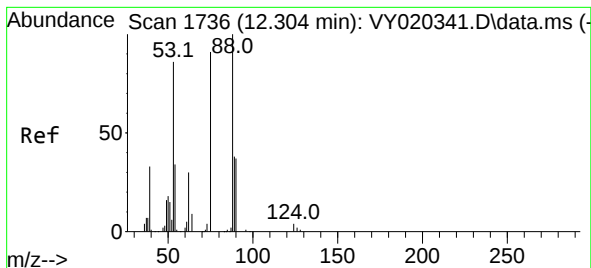
Tgt Ion:152 Resp: 91188
 Ion Ratio Lower Upper
 152 100
 115 61.2 30.0 90.0
 150 156.4 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 67.782 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY020406.D
 Acq: 22 Nov 2024 12:01

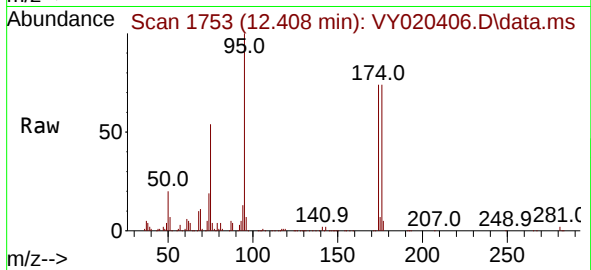
Tgt Ion: 75 Resp: 58257
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.816 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020406.D
 Acq: 22 Nov 2024 12:01

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 58257
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.1 121.7#
 89 0.0 35.1 52.7#

