

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020720.D
 Acq On : 26 Dec 2024 16:28
 Operator : SY/MD
 Sample : P5316-02RE
 Misc : 6.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 27 00:34:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

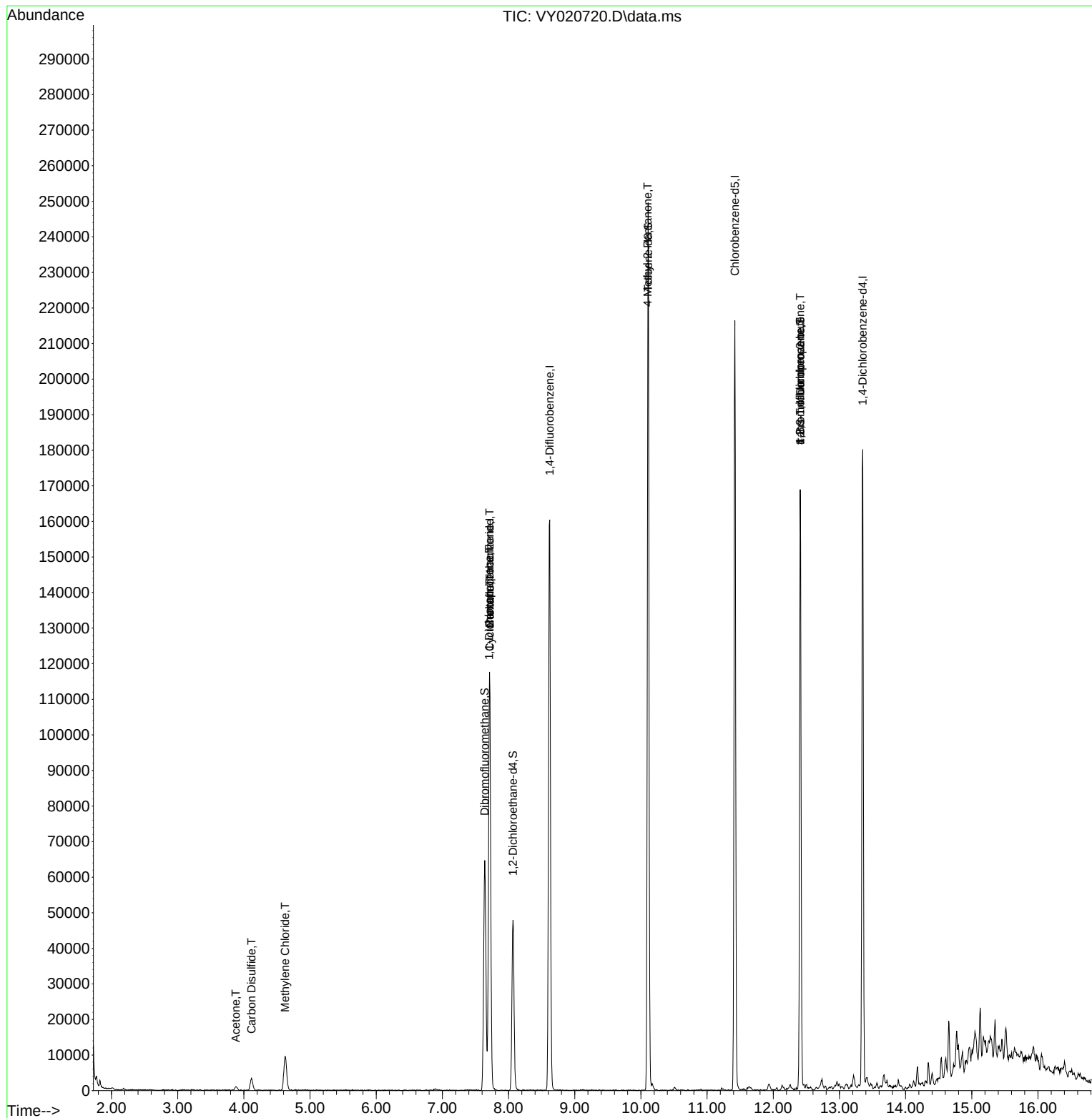
Internal Standards						
1) Pentafluorobenzene	7.713	168	90592	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.621	114	140817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	117470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	47280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	43539	58.675	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.360%			
35) Dibromofluoromethane	7.640	113	43269	55.785	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.560%			
50) Toluene-d8	10.109	98	161876	52.396	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.800%			
62) 4-Bromofluorobenzene	12.407	95	49426	47.949	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 95.900%			
Target Compounds						
					Qvalue	
16) Acetone	3.878	43	1984	21.076	ug/l #	83
17) Carbon Disulfide	4.116	76	6974	4.592	ug/l #	94
20) Methylene Chloride	4.622	84	8099	13.229	ug/l #	80
31) Cyclohexane	7.719	56	1704	1.788	ug/l #	43
36) 1,1-Dichloropropene	7.707	75	6302	6.151	ug/l #	51
38) Carbon Tetrachloride	7.713	117	9546	5.658	ug/l #	16
51) 4-Methyl-2-Pentanone	10.103	43	588	1.698	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	27864	92.662	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	27864	183.156	ug/l #	8

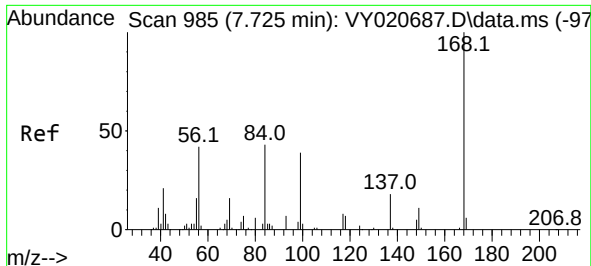
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 27 00:34:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration

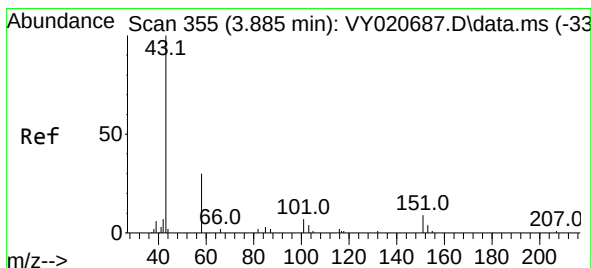
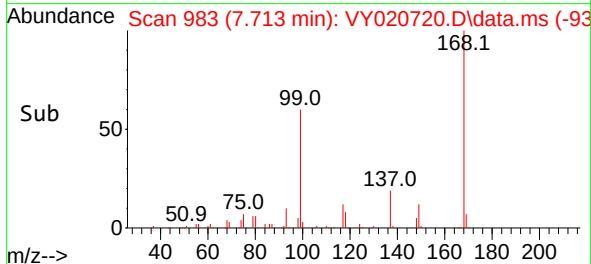
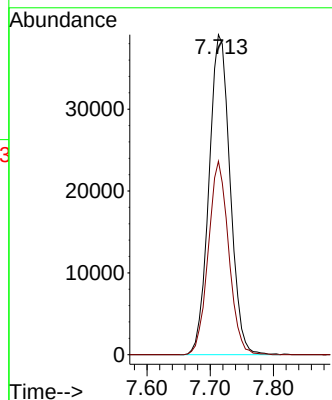
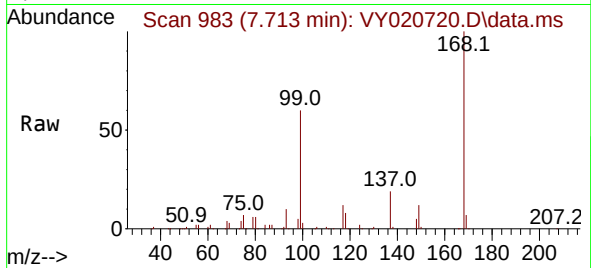




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY020720.D
Acq: 26 Dec 2024 16:28

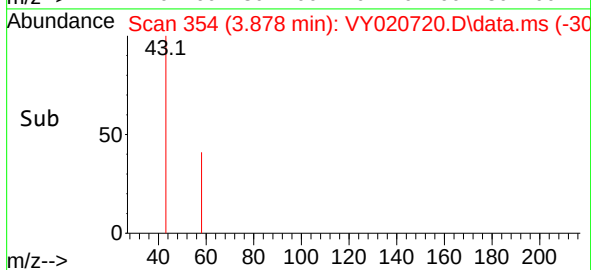
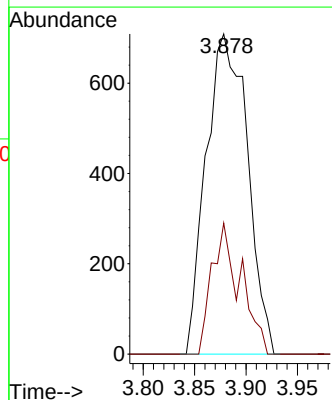
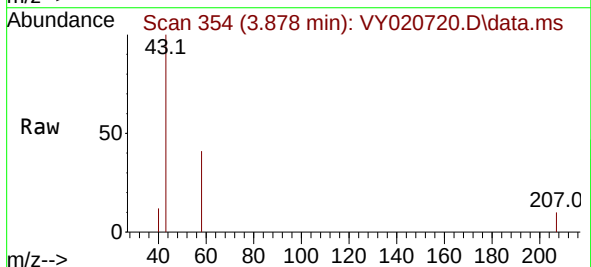
Instrument :
MSVOA_Y
ClientSampleId :

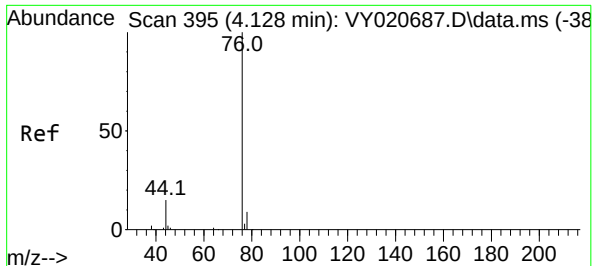
Tgt Ion:168 Resp: 90592
Ion Ratio Lower Upper
168 100
99 60.4 43.8 65.6



#16
Acetone
Concen: 21.076 ug/l
RT: 3.878 min Scan# 354
Delta R.T. -0.007 min
Lab File: VY020720.D
Acq: 26 Dec 2024 16:28

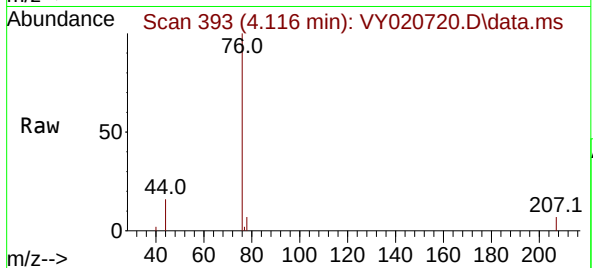
Tgt Ion: 43 Resp: 1984
Ion Ratio Lower Upper
43 100
58 40.9 25.0 37.6#



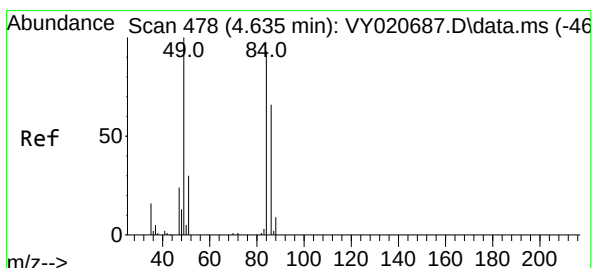
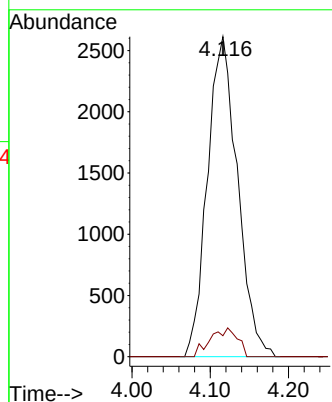
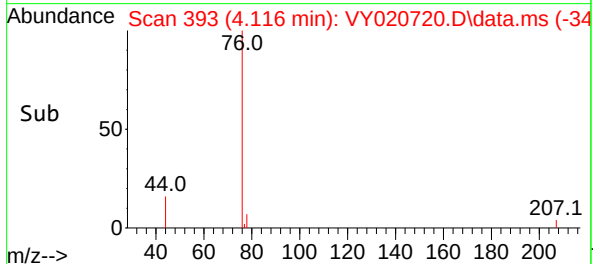


#17
Carbon Disulfide
Concen: 4.592 ug/l
RT: 4.116 min Scan# 393
Delta R.T. -0.012 min
Lab File: VY020720.D
Acq: 26 Dec 2024 16:28

Instrument :
MSVOA_Y
ClientSampleId :

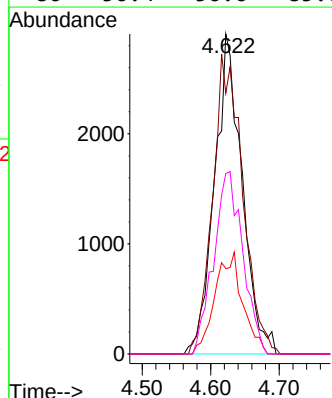
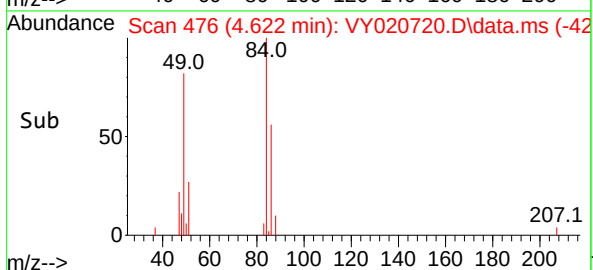
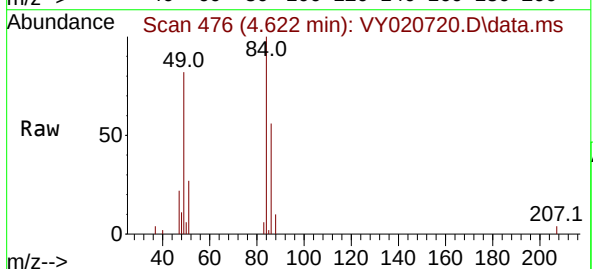


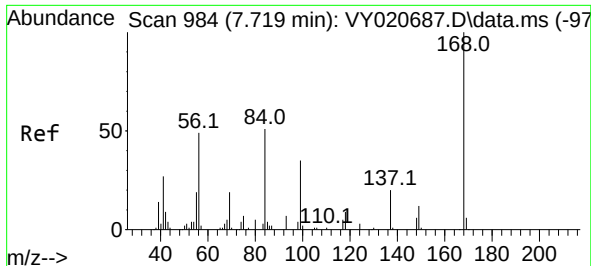
Tgt Ion: 76 Resp: 6974
Ion Ratio Lower Upper
76 100
78 6.6 6.9 10.3#



#20
Methylene Chloride
Concen: 13.229 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.013 min
Lab File: VY020720.D
Acq: 26 Dec 2024 16:28

Tgt Ion: 84 Resp: 8099
Ion Ratio Lower Upper
84 100
49 81.5 86.4 129.6#
51 26.7 25.5 38.3
86 56.4 56.6 85.0#

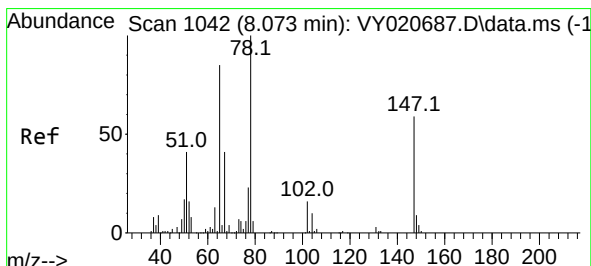
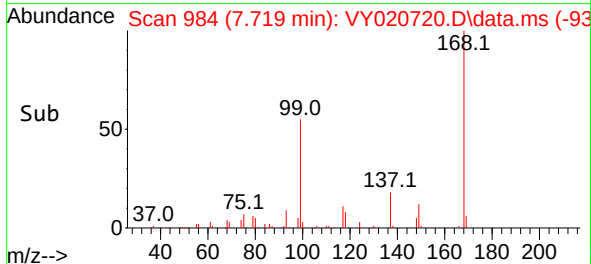
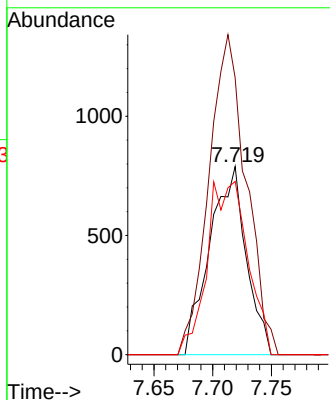
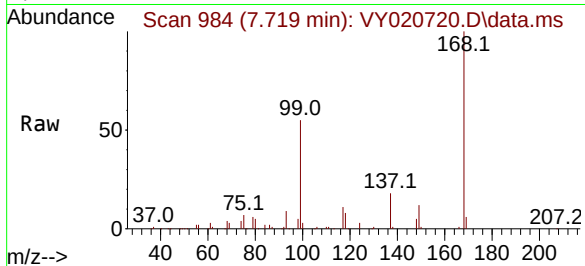




#31
Cyclohexane
Concen: 1.788 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020720.D
Acq: 26 Dec 2024 16:28

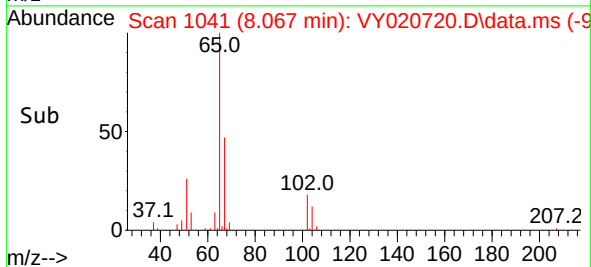
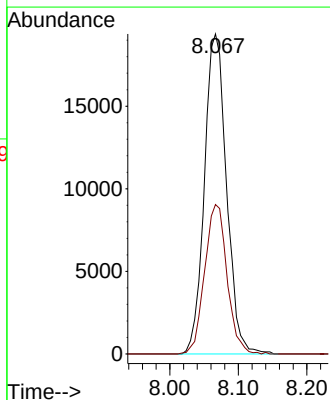
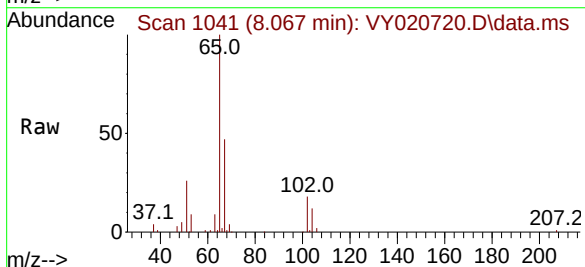
Instrument :
MSVOA_Y
ClientSampleId :

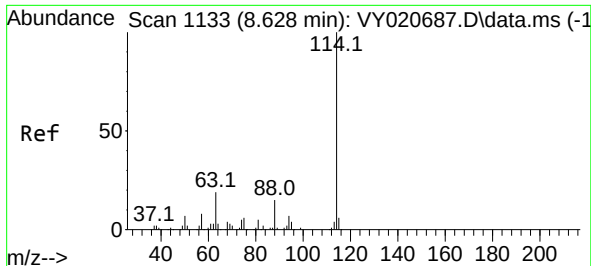
Tgt Ion: 56 Resp: 1704
Ion Ratio Lower Upper
56 100
69 147.1 31.3 46.9#
84 92.1 83.9 125.9



#33
1,2-Dichloroethane-d4
Concen: 58.675 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020720.D
Acq: 26 Dec 2024 16:28

Tgt Ion: 65 Resp: 43539
Ion Ratio Lower Upper
65 100
67 47.3 0.0 98.0

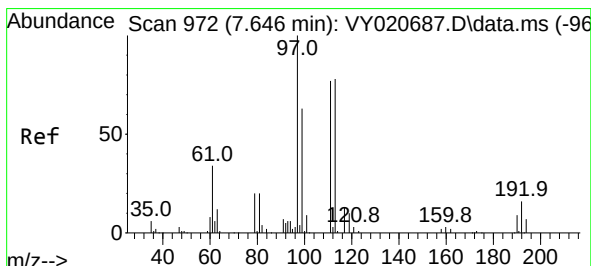
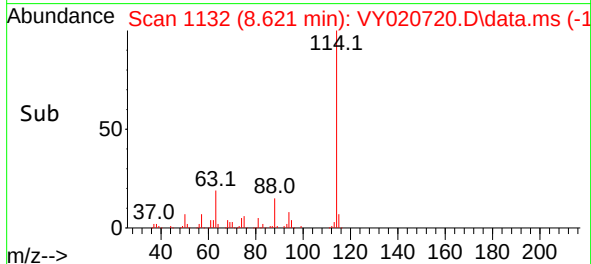
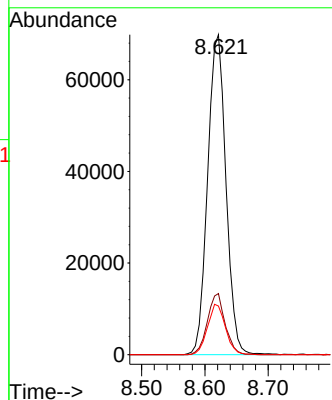
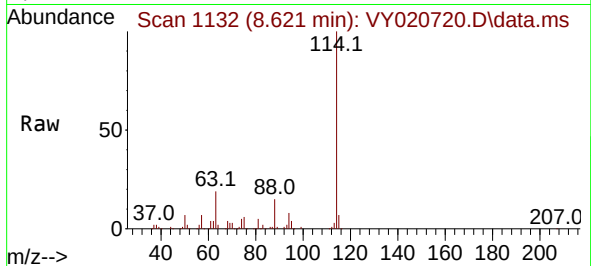




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.621 min Scan# 1133
Delta R.T. -0.007 min
Lab File: VY020720.D
Acq: 26 Dec 2024 16:28

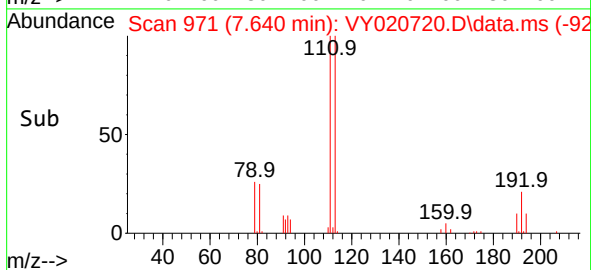
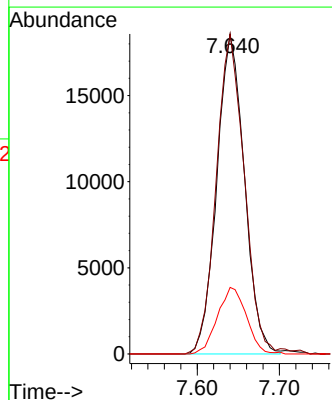
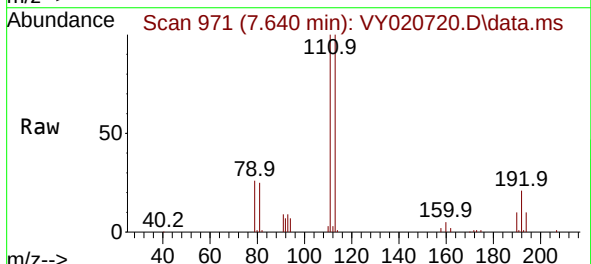
Instrument :
MSVOA_Y
ClientSampleId :

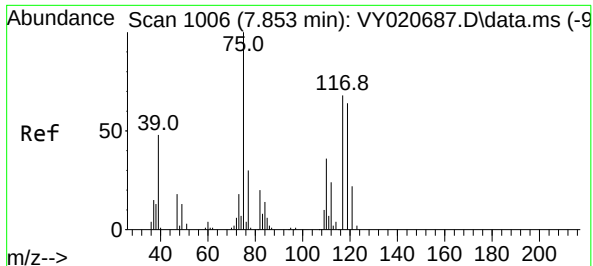
Tgt Ion:114 Resp: 140817
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.4
88 15.2 0.0 30.4



#35
Dibromofluoromethane
Concen: 55.785 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY020720.D
Acq: 26 Dec 2024 16:28

Tgt Ion:113 Resp: 43269
Ion Ratio Lower Upper
113 100
111 102.0 79.8 119.8
192 21.9 17.0 25.6





#36

1,1-Dichloropropene

Concen: 6.151 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.146 min

Lab File: VY020720.D

Acq: 26 Dec 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

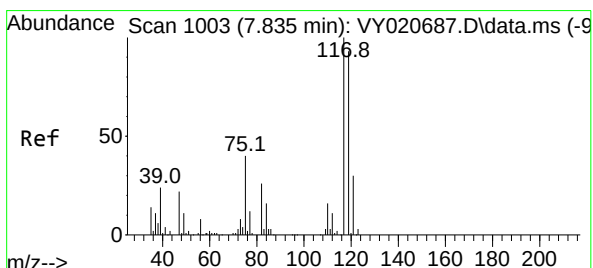
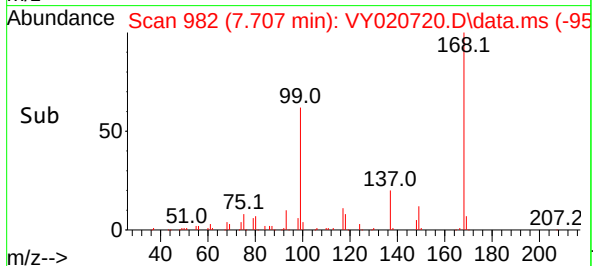
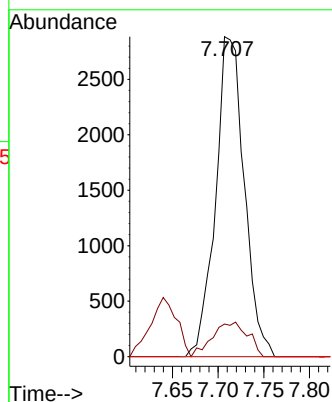
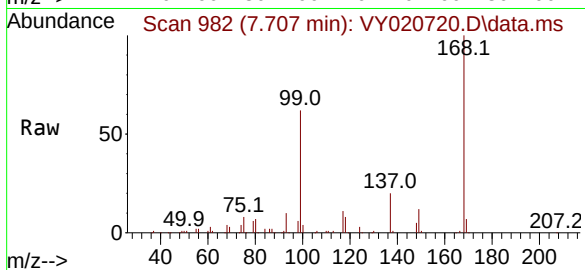
Tgt Ion: 75 Resp: 6302

Ion Ratio Lower Upper

75 100

110 13.3 19.6 58.7#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.658 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.122 min

Lab File: VY020720.D

Acq: 26 Dec 2024 16:28

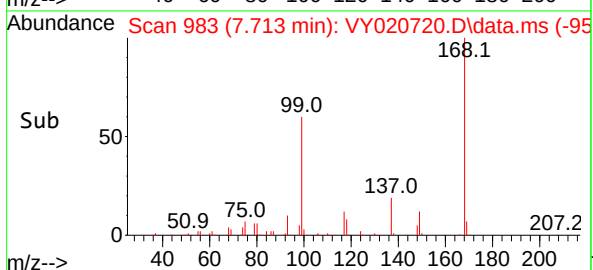
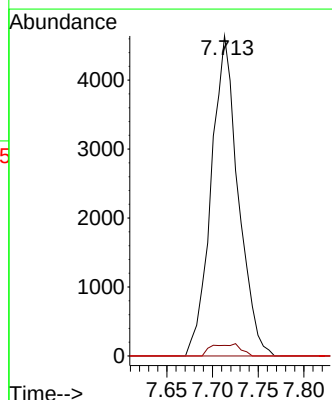
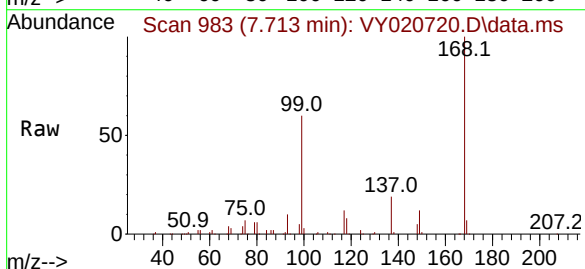
Tgt Ion: 117 Resp: 9546

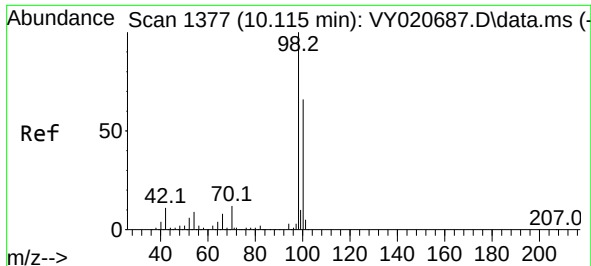
Ion Ratio Lower Upper

117 100

119 3.3 74.4 111.6#

121 0.0 24.2 36.2#

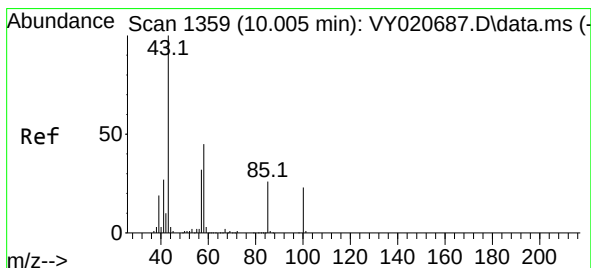
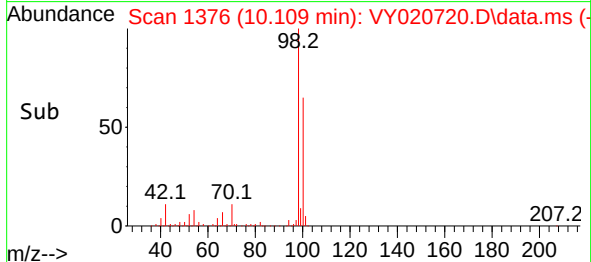
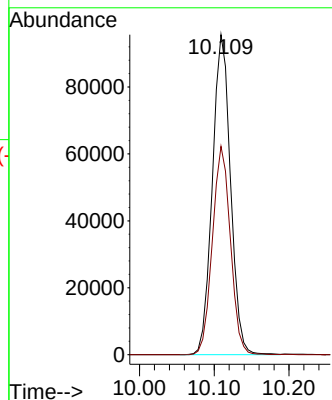
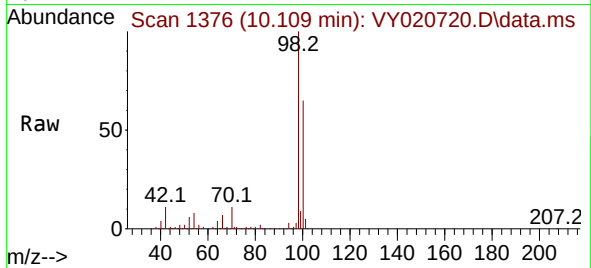




#50
Toluene-d8
Concen: 52.396 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020720.D
Acq: 26 Dec 2024 16:28

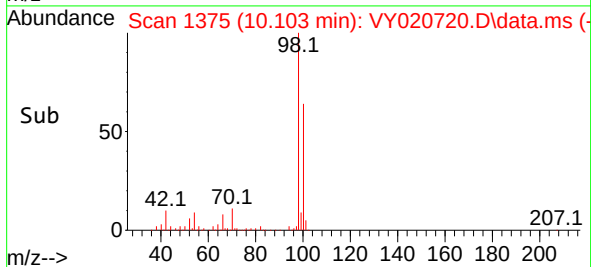
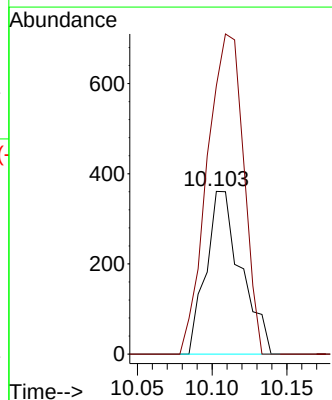
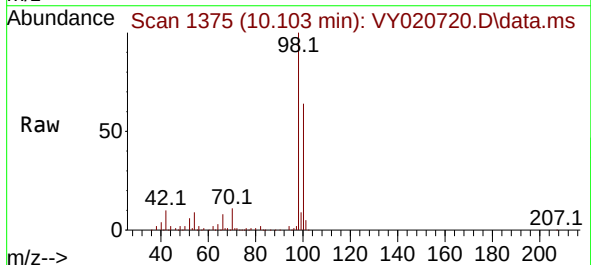
Instrument :
MSVOA_Y
ClientSampleId :

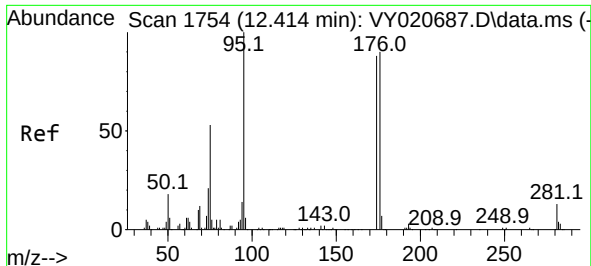
Tgt Ion: 98 Resp: 161876
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.698 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.098 min
Lab File: VY020720.D
Acq: 26 Dec 2024 16:28

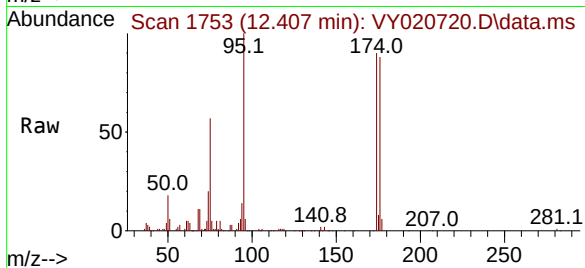
Tgt Ion: 43 Resp: 588
Ion Ratio Lower Upper
43 100
58 204.6 35.1 52.7#



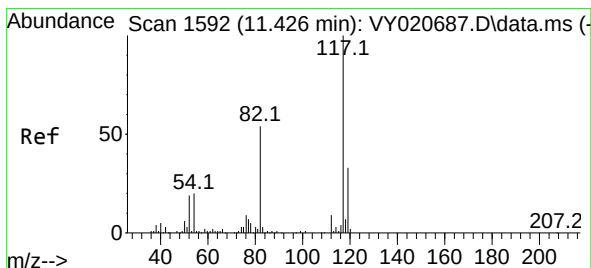
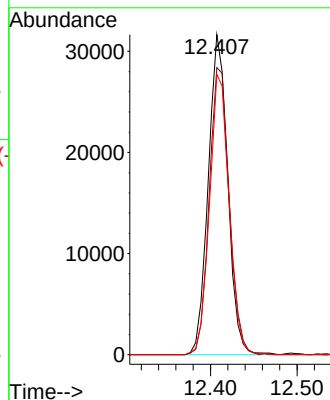
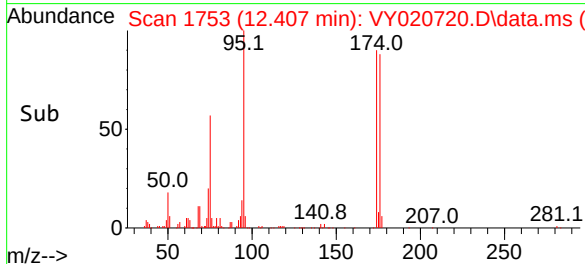


#62
4-Bromofluorobenzene
Concen: 47.949 ug/l
RT: 12.407 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY020720.D
Acq: 26 Dec 2024 16:28

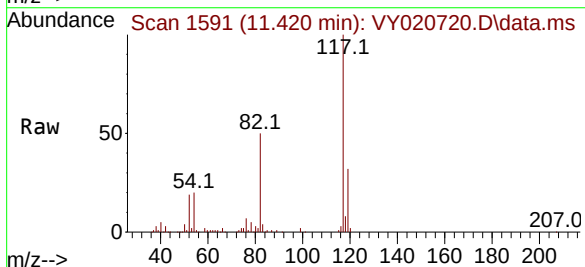
Instrument :
MSVOA_Y
ClientSampleId :



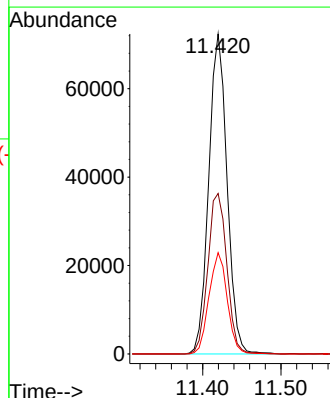
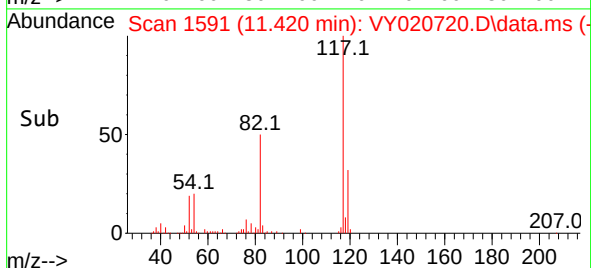
Tgt Ion: 95 Resp: 49426
Ion Ratio Lower Upper
95 100
174 92.3 0.0 179.2
176 88.4 0.0 179.8

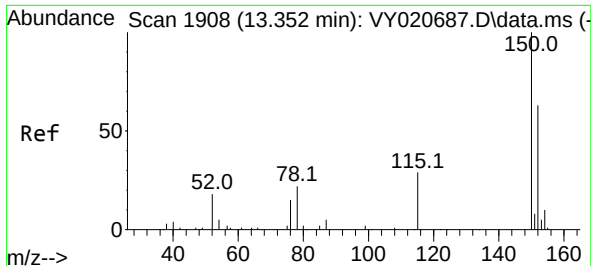


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY020720.D
Acq: 26 Dec 2024 16:28



Tgt Ion: 117 Resp: 117470
Ion Ratio Lower Upper
117 100
82 50.2 43.4 65.2
119 31.6 26.6 39.8

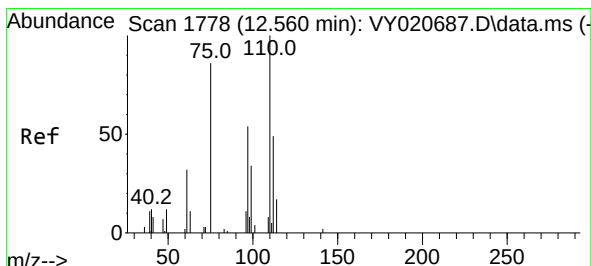
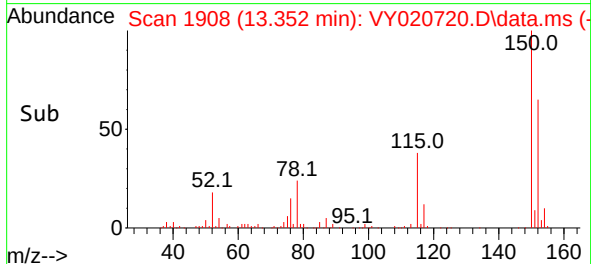
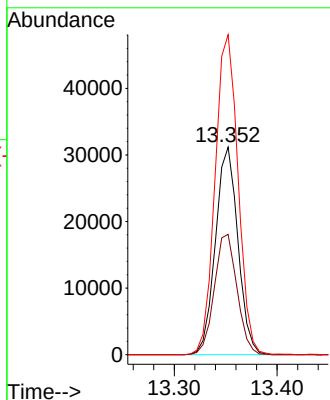
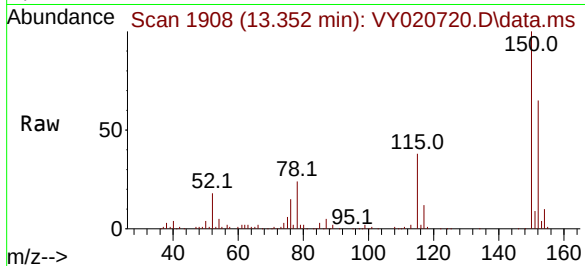




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VY020720.D
 Acq: 26 Dec 2024 16:28

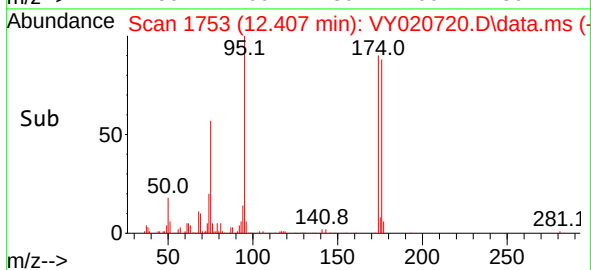
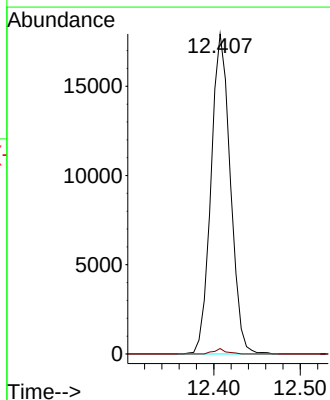
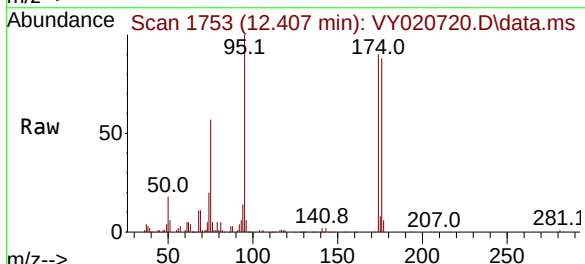
Instrument :
 MSVOA_Y
 ClientSampleId :

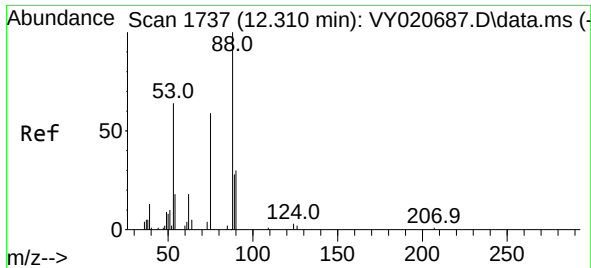
Tgt Ion:152 Resp: 47280
 Ion Ratio Lower Upper
 152 100
 115 58.8 30.3 90.9
 150 157.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 92.662 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.153 min
 Lab File: VY020720.D
 Acq: 26 Dec 2024 16:28

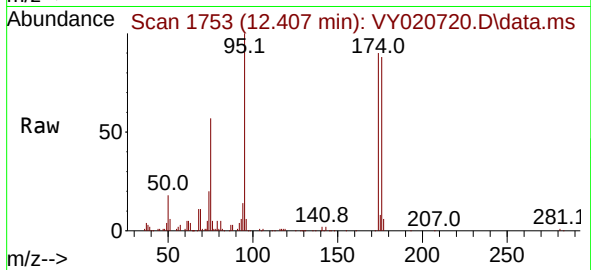
Tgt Ion: 75 Resp: 27864
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 183.156 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY020720.D
 Acq: 26 Dec 2024 16:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.1	124.7#
89	0.0	40.6	61.0#

