

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 :
 TT-304-IDWSO-20241217-2

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)

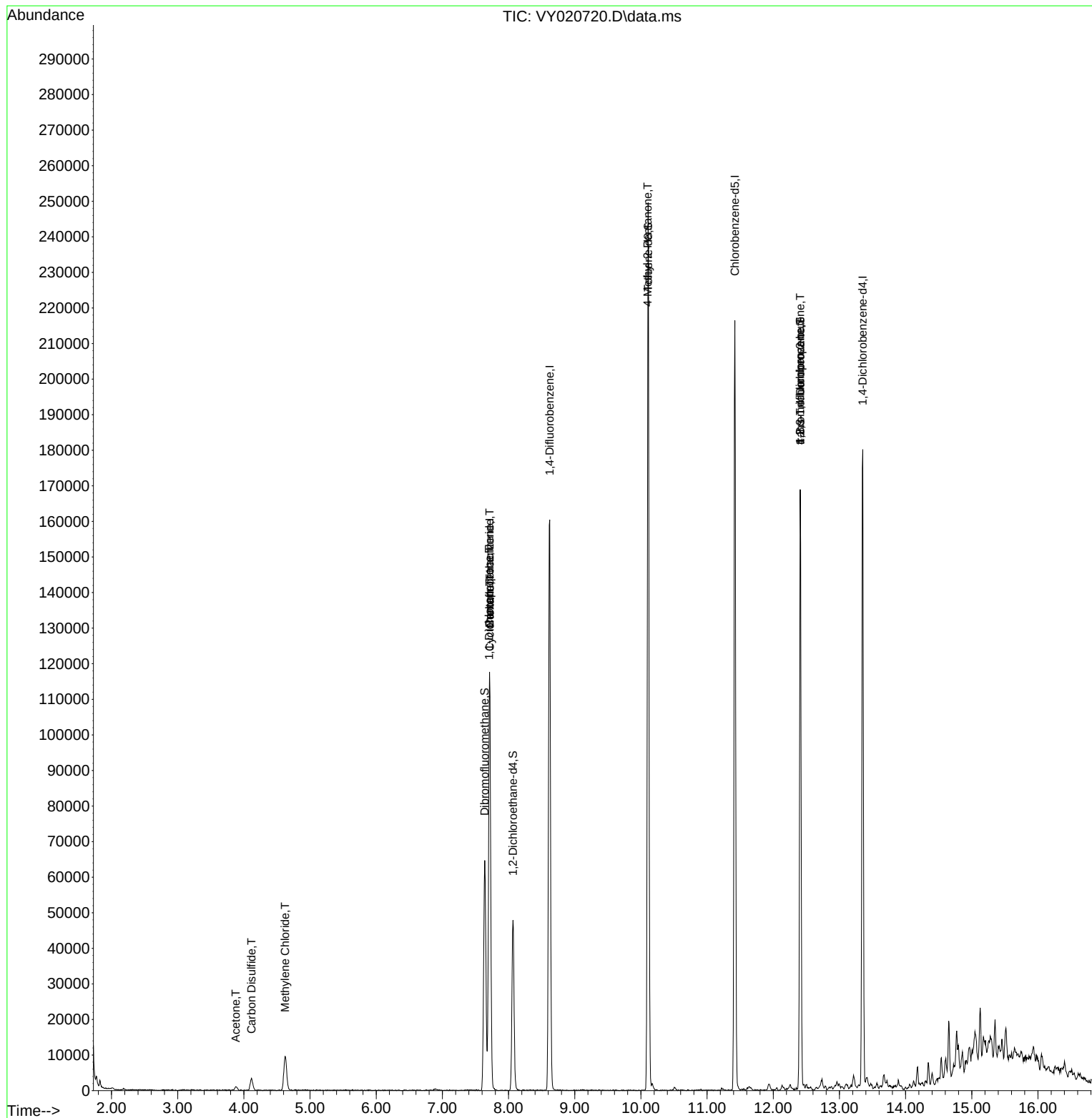
Internal Standards						
1) Pentafluorobenzene	7.713	168	90592	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.621	114	140817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	117470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	47280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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

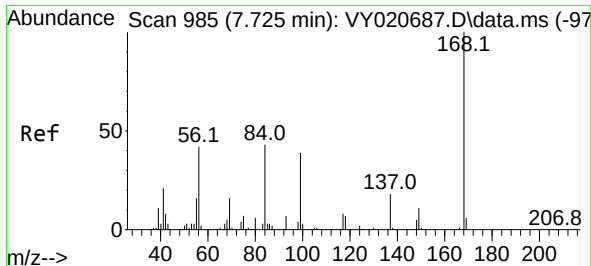
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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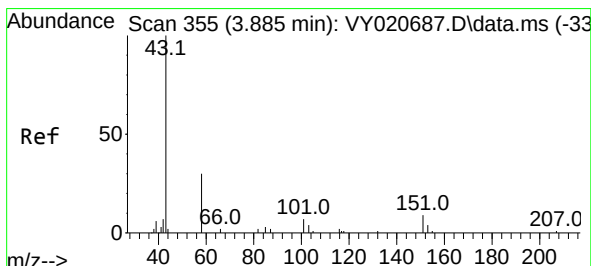
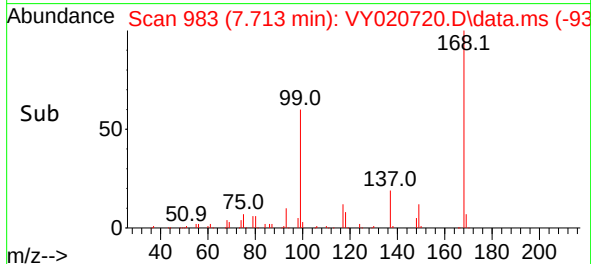
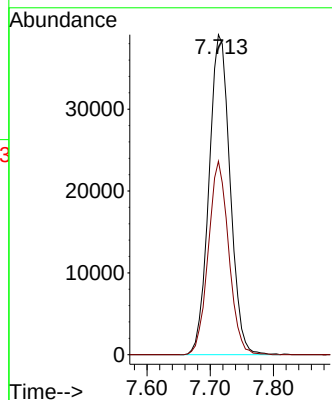
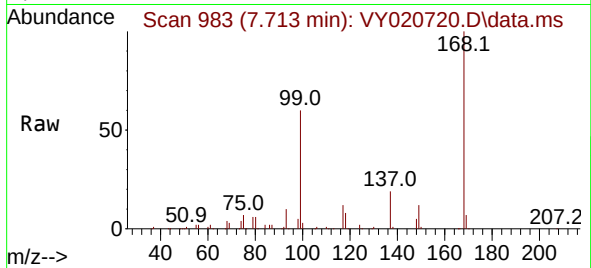




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020720.D
Acq: 26 Dec 2024 16:28

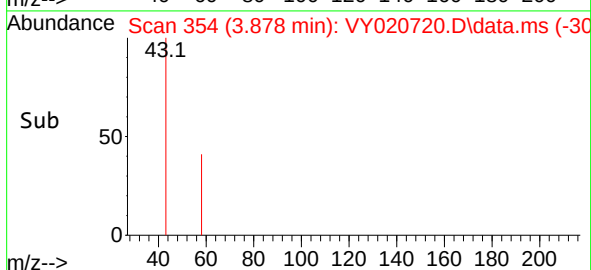
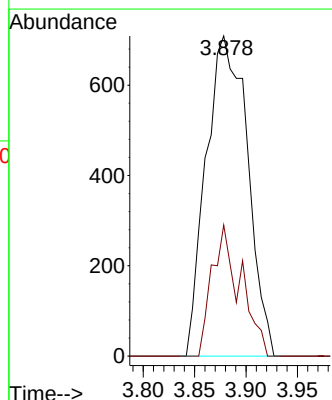
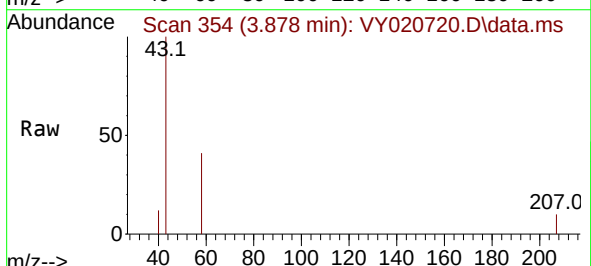
Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-2

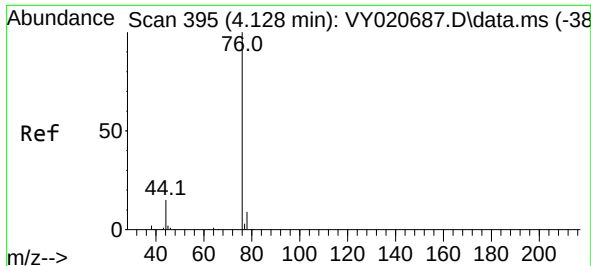
Tgt Ion:168 Resp: 90592
Ion Ratio Lower Upper
168 100
99 60.4 43.8 65.6



#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# 395

Delta R.T. -0.012 min

Lab File: VY020720.D

Acq: 26 Dec 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

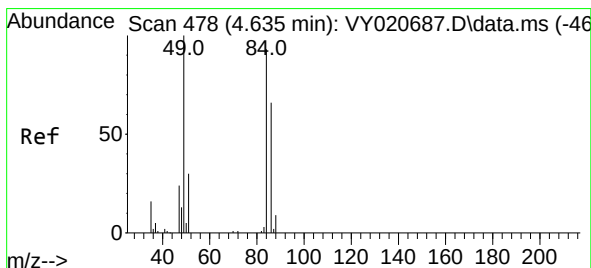
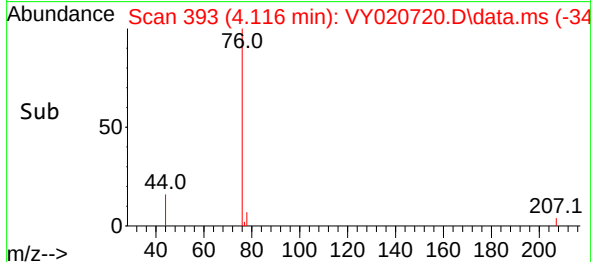
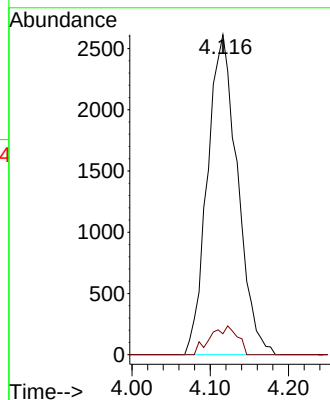
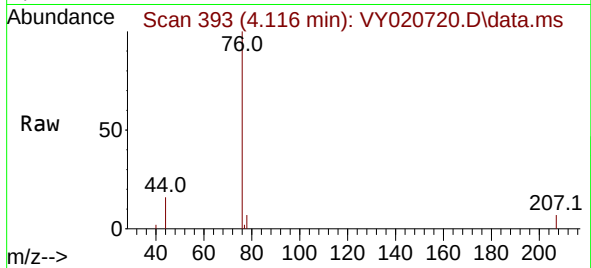
TT-304-IDWSO-20241217-2

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

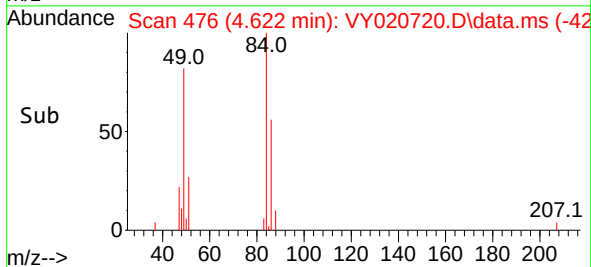
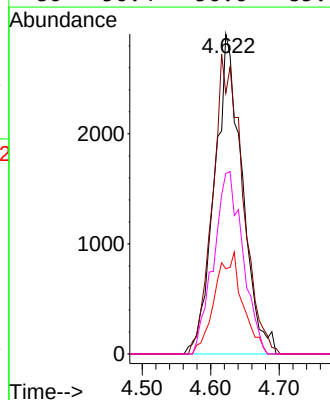
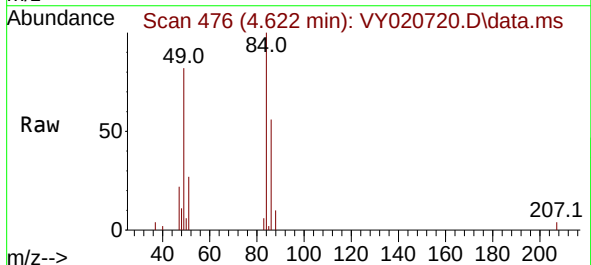
Ion Ratio Lower Upper

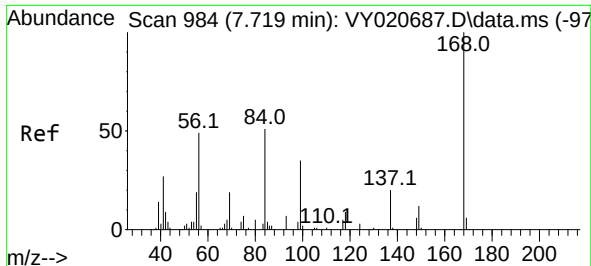
84 100

49 81.5 86.4 129.6#

51 26.7 25.5 38.3

86 56.4 56.6 85.0#

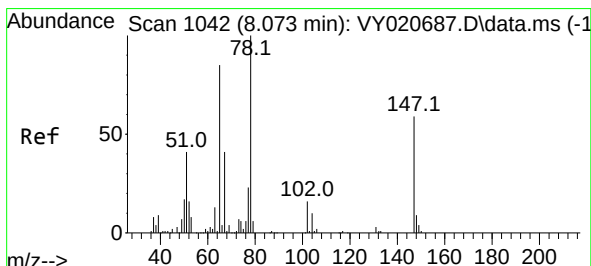
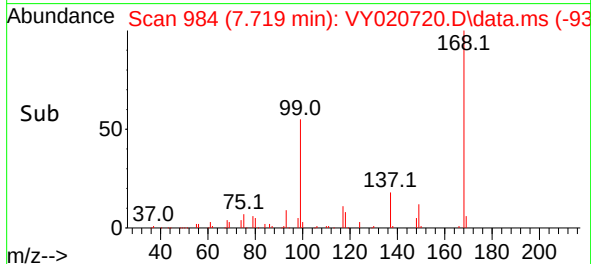
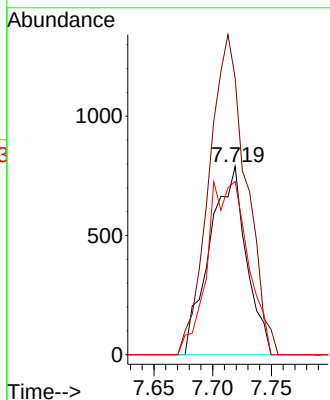
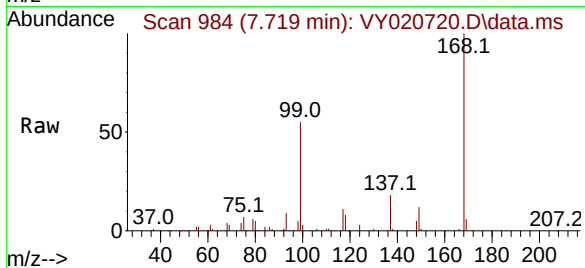




#31
Cyclohexane
Concen: 1.788 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020720.D
Acq: 26 Dec 2024 16:28

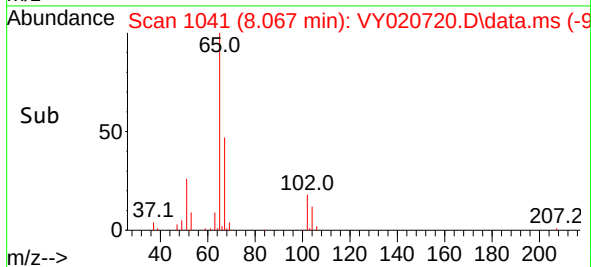
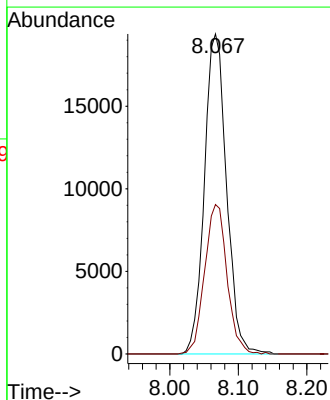
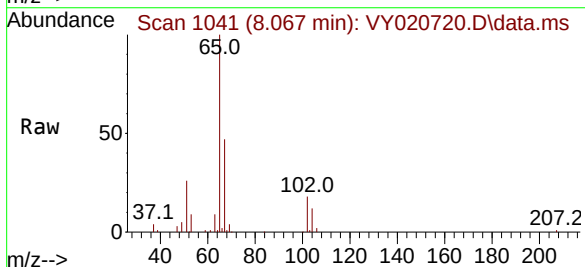
Instrument :
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ClientSampleId :
TT-304-IDWSO-20241217-2

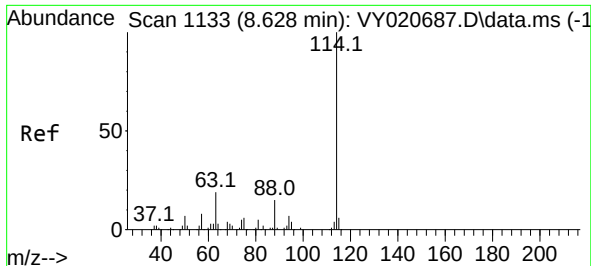
Tgt Ion: 56 Resp: 1704
Ion Ratio Lower Upper
56 100
69 147.1 31.3 46.9#
84 92.1 83.9 125.9



#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

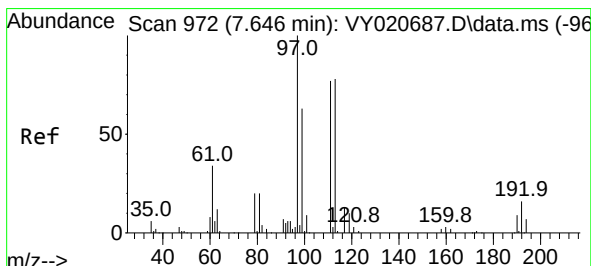
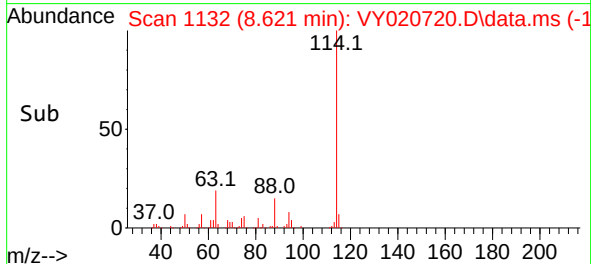
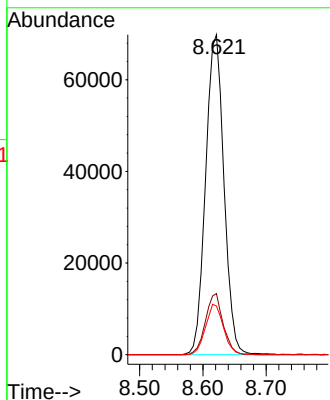
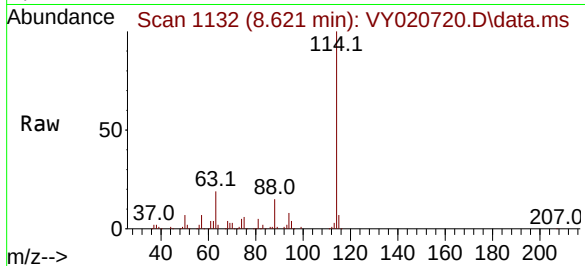




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.621 min Scan# 1133
Delta R.T. -0.007 min
Lab File: VY020720.D
Acq: 26 Dec 2024 16:28

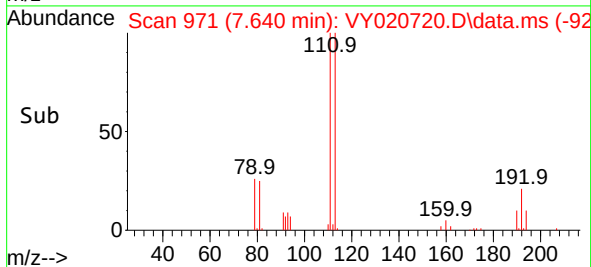
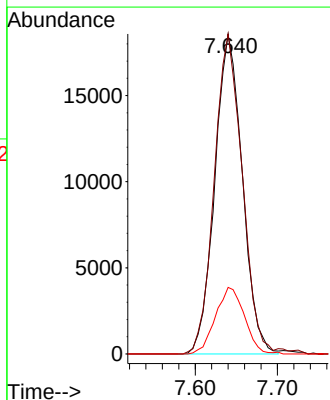
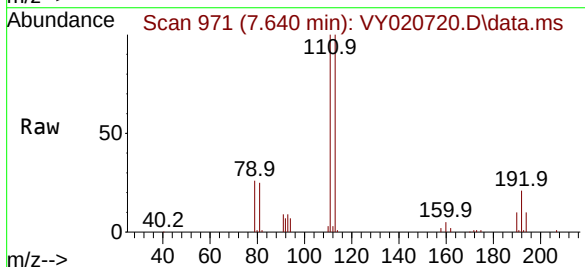
Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-2

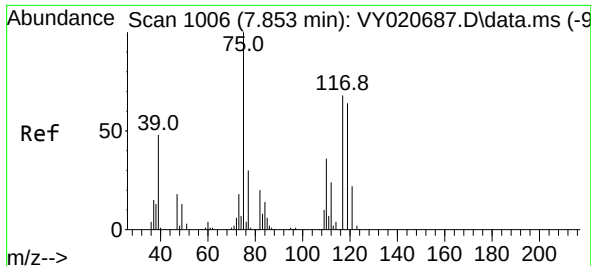
Tgt Ion:114 Resp: 140817
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.4
88 15.2 0.0 30.4



#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

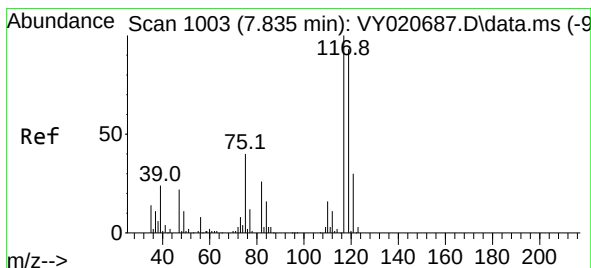
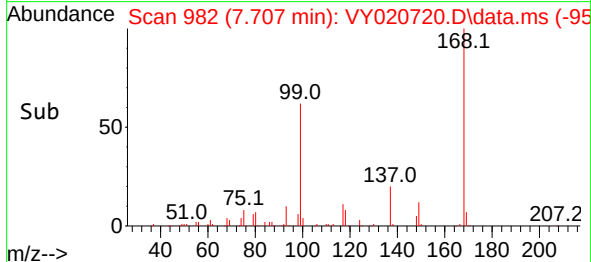
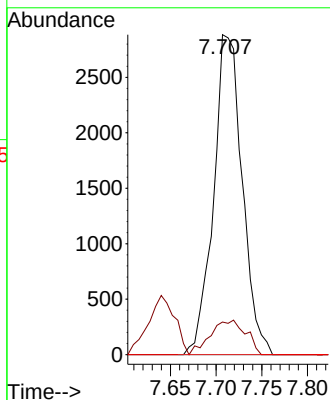
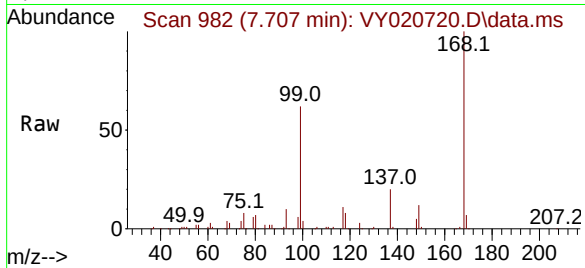




#36
 1,1-Dichloropropene
 Concen: 6.151 ug/l
 RT: 7.707 min Scan# 91
 Delta R.T. -0.146 min
 Lab File: VY020720.D
 Acq: 26 Dec 2024 16:28

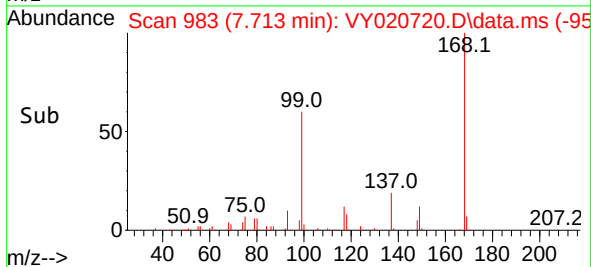
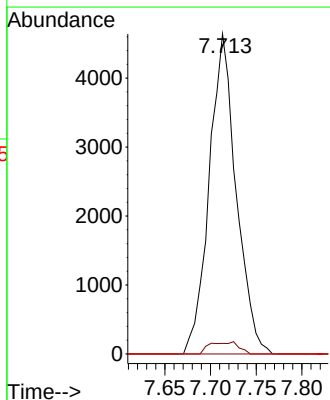
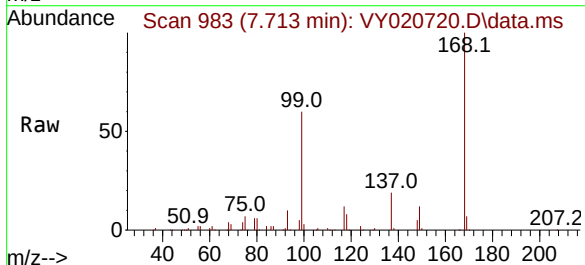
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 ClientSampleId :
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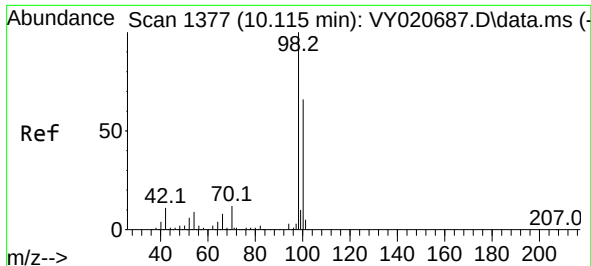
Tgt Ion: 75 Resp: 6302
 Ion Ratio Lower Upper
 75 100
 110 13.3 19.6 58.7#
 77 0.0 25.1 37.7#



#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#

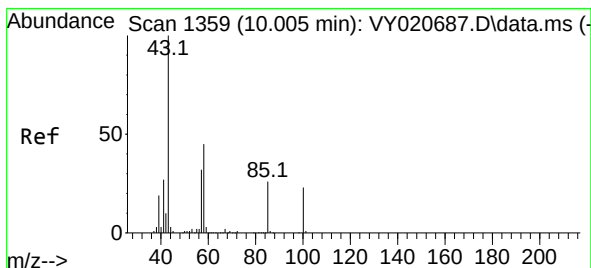
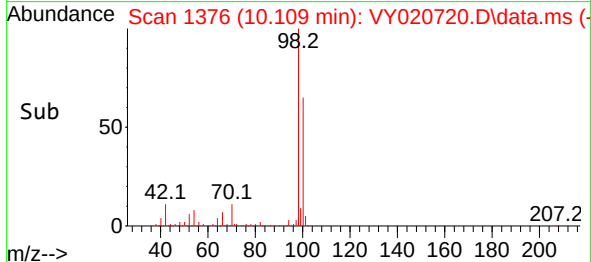
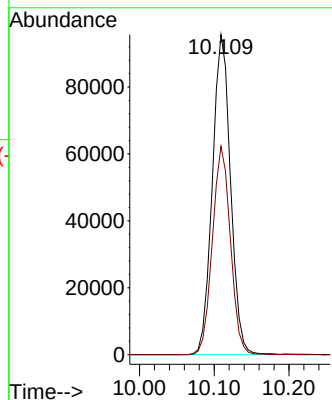
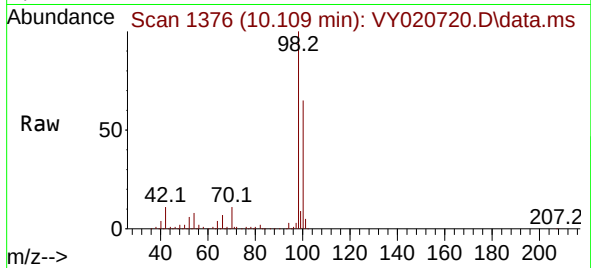




#50
Toluene-d8
Concen: 52.396 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020720.D
Acq: 26 Dec 2024 16:28

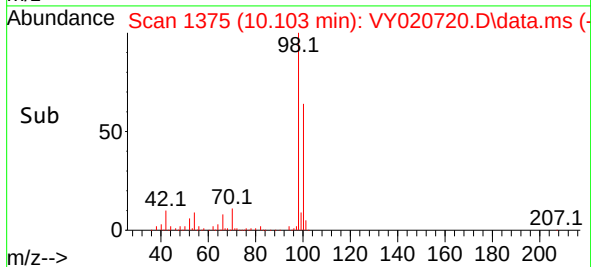
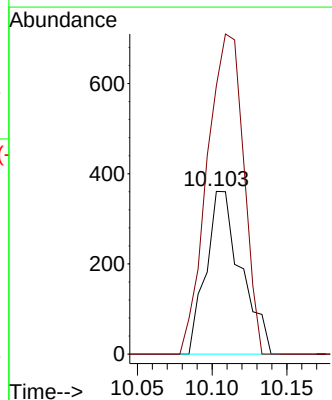
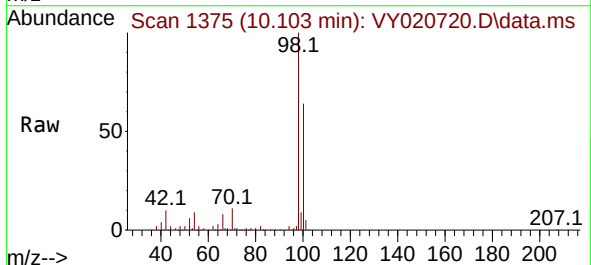
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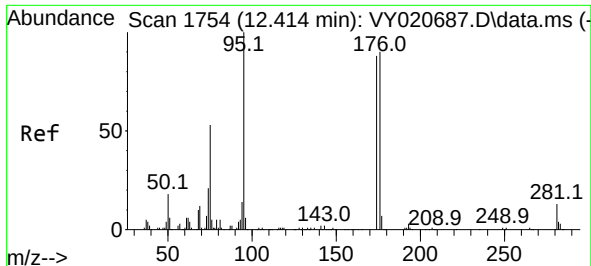
Tgt Ion: 98 Resp: 161876
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4



#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#

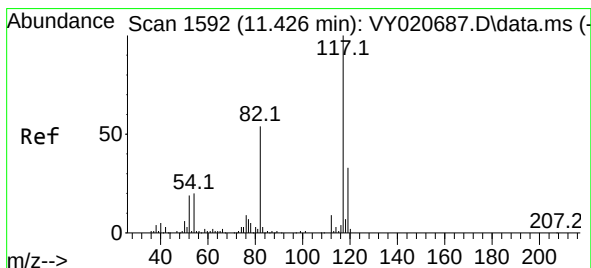
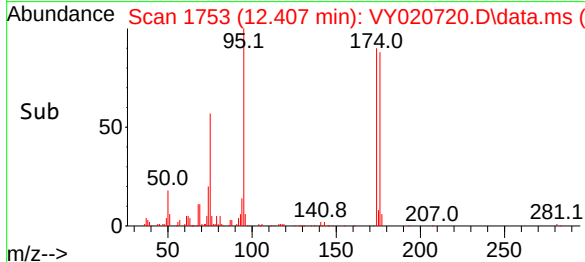
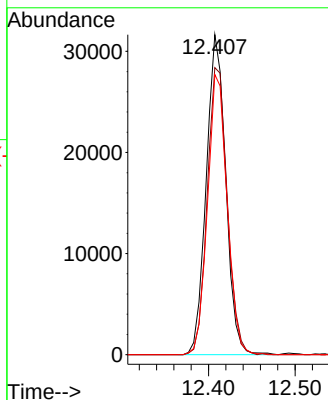
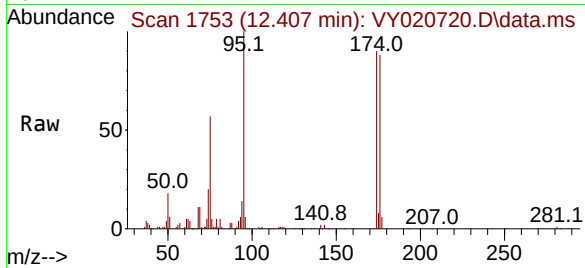




#62
4-Bromofluorobenzene
Concen: 47.949 ug/l
RT: 12.407 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY020720.D
Acq: 26 Dec 2024 16:28

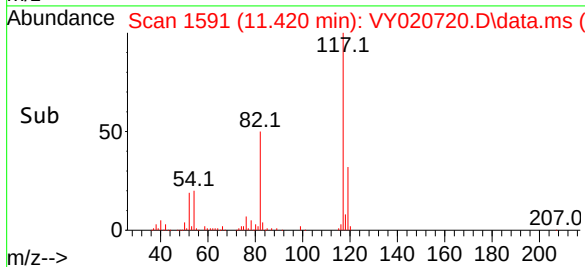
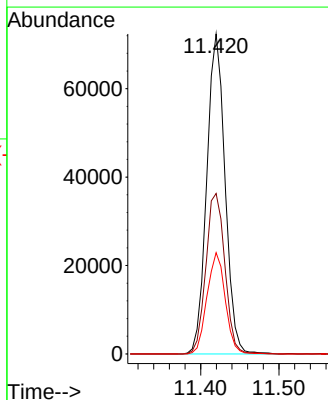
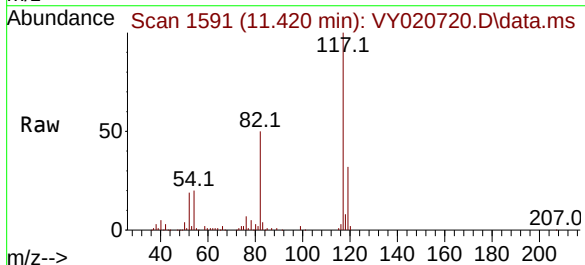
Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-2

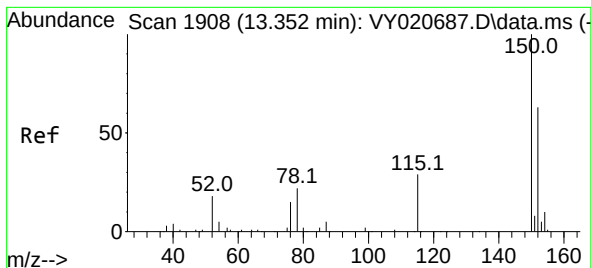
Tgt Ion: 95 Resp: 49426
Ion Ratio Lower Upper
95 100
174 92.3 0.0 179.2
176 88.4 0.0 179.8



#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 :

TT-304-IDWSO-20241217-2

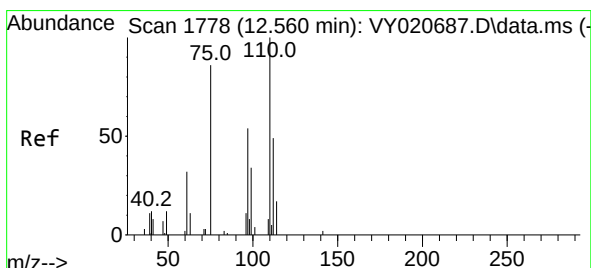
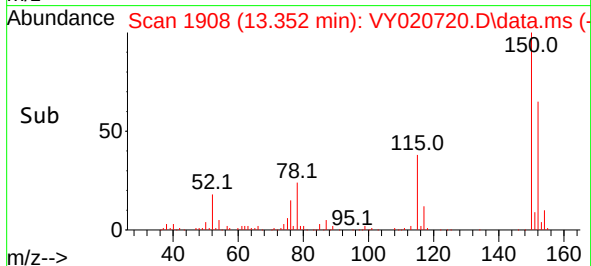
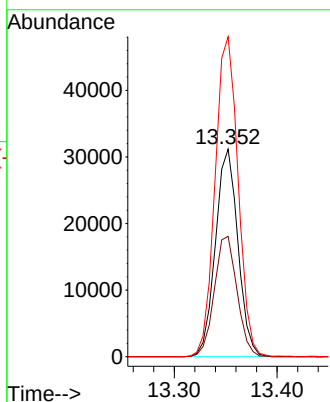
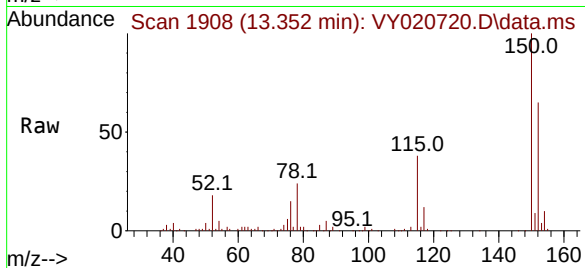
Tgt Ion:152 Resp: 47280

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

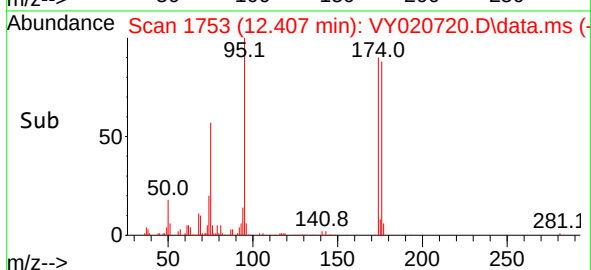
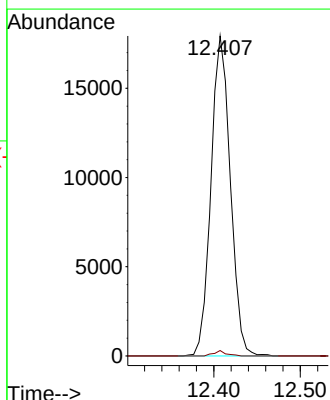
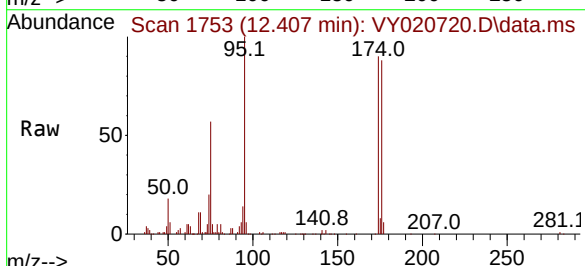
Acq: 26 Dec 2024 16:28

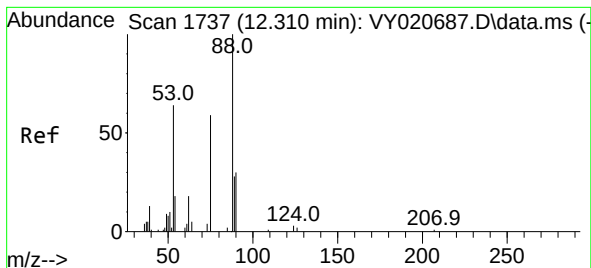
Tgt Ion: 75 Resp: 27864

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

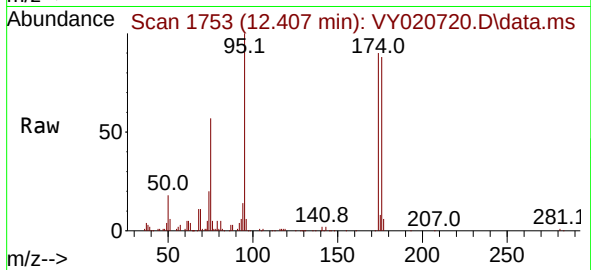
Acq: 26 Dec 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

TT-304-IDWSO-20241217-2



Tgt Ion: 75 Resp: 27864

Ion Ratio Lower Upper

75 100

53 0.0 83.1 124.7#

89 0.0 40.6 61.0#

