

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060722\
 Data File : VY009172.D
 Acq On : 07 Jun 2022 18:25
 Operator : KP/MD
 Sample : N3194-04
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Jun 08 07:59:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

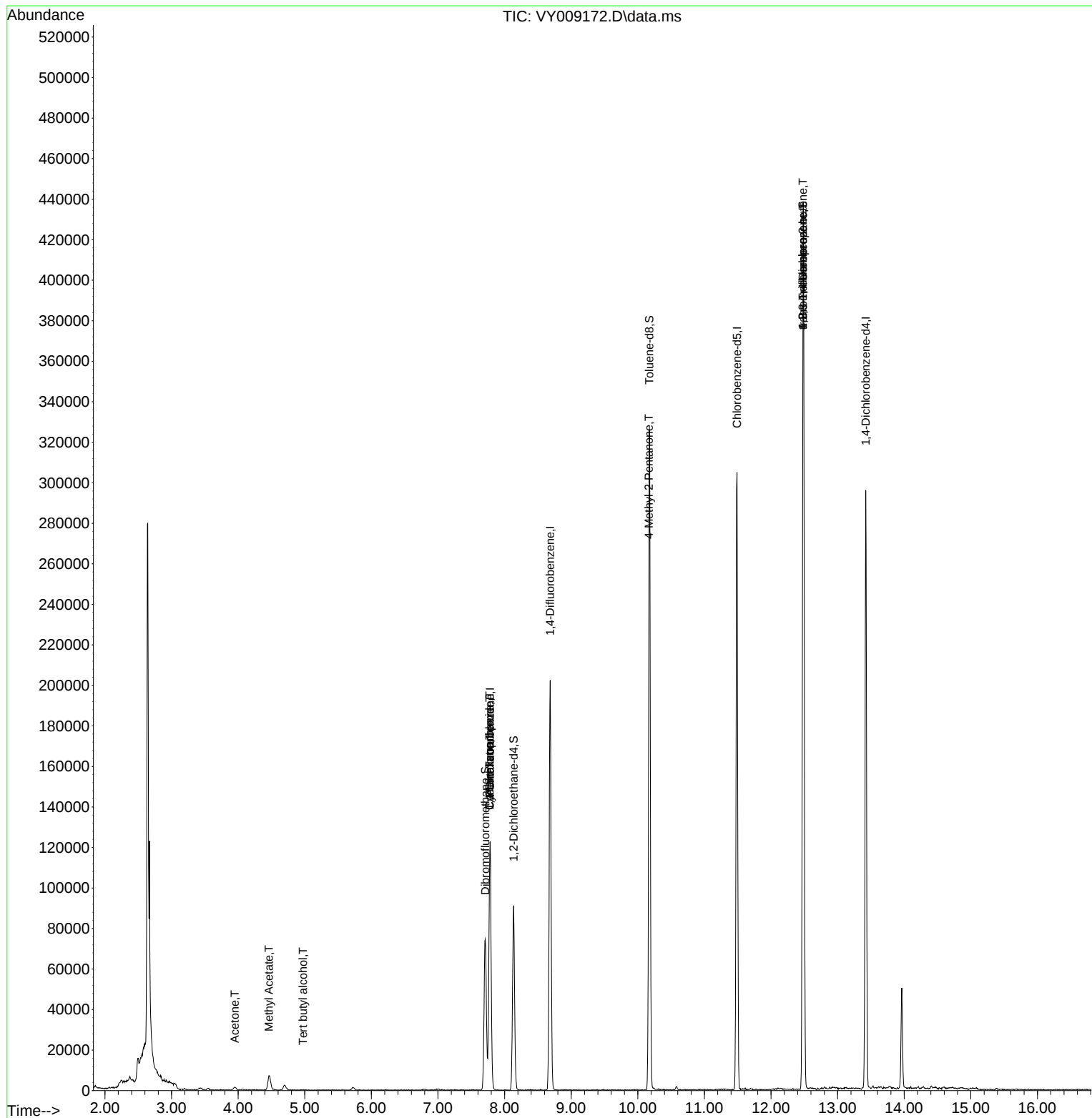
Internal Standards						
1) Pentafluorobenzene	7.783	168	95141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	171579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	159495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	70476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63991	65.352	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.700%	
35) Dibromofluoromethane	7.710	113	53169	49.833	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.660%	
50) Toluene-d8	10.173	98	210208	53.405	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.800%	
62) 4-Bromofluorobenzene	12.477	95	65027	40.954	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.900%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.972	59	185	1.863	ug/l #	77
16) Acetone	3.948	43	2683	13.163	ug/l	99
18) Methyl Acetate	4.460	43	14128	22.259	ug/l #	91
20) Methylene Chloride	4.698	84	1817	Below Cal	#	68
31) Cyclohexane	7.777	56	2357	1.230	ug/l #	54
36) 1,1-Dichloropropene	7.777	75	7963	4.386	ug/l #	50
38) Carbon Tetrachloride	7.777	117	9479	4.990	ug/l #	15
51) 4-Methyl-2-Pentanone	10.166	43	1307	1.348	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	40193	53.107	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	40193	109.003	ug/l #	8

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

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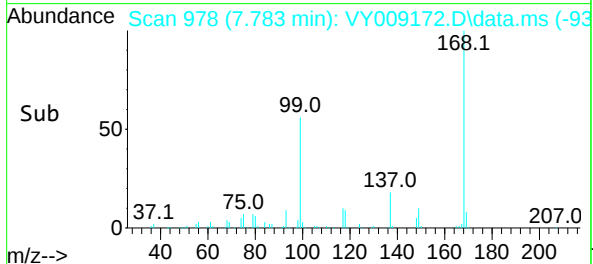
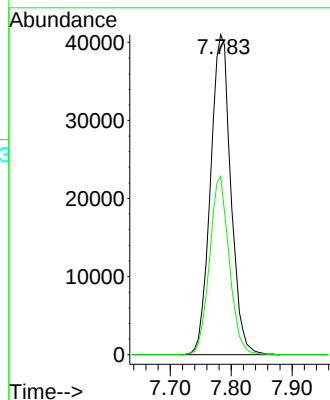
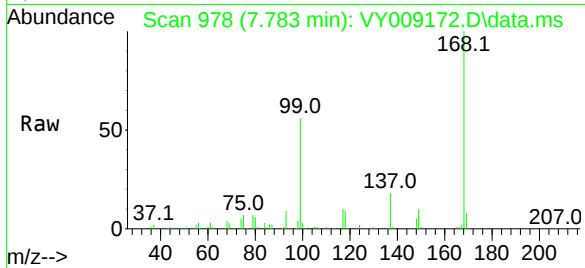




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009172.D
Acq: 07 Jun 2022 18:25

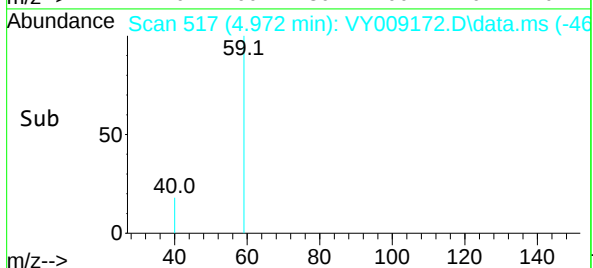
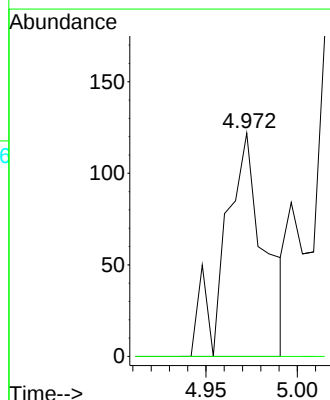
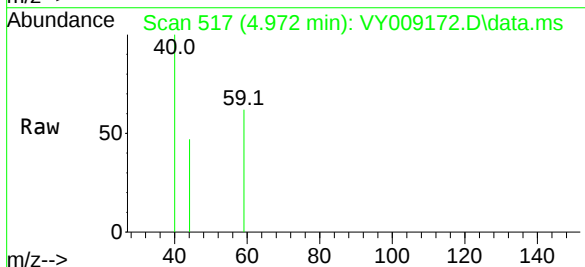
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion:168 Resp: 95141
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.863 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.024 min
Lab File: VY009172.D
Acq: 07 Jun 2022 18:25

Tgt Ion: 59 Resp: 185
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

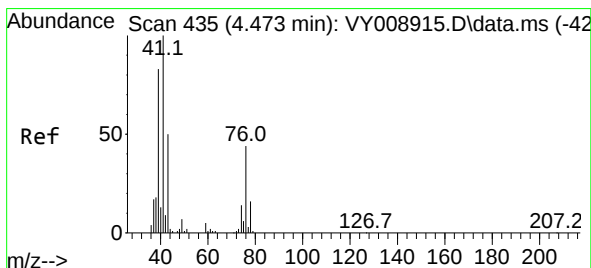
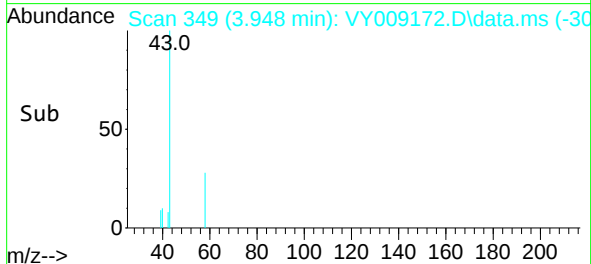
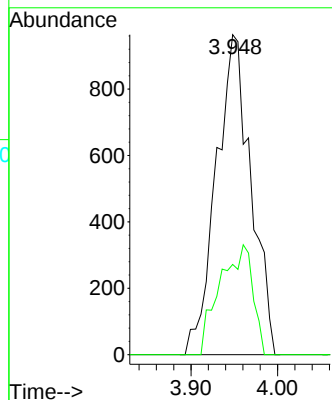
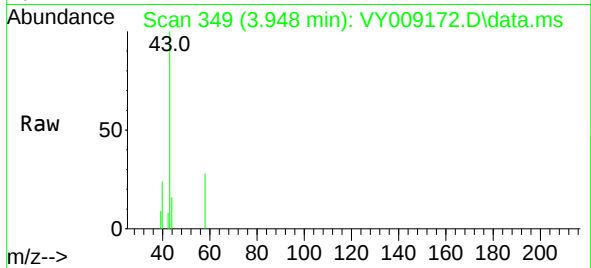




#16
Acetone
Concen: 13.163 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009172.D
Acq: 07 Jun 2022 18:25

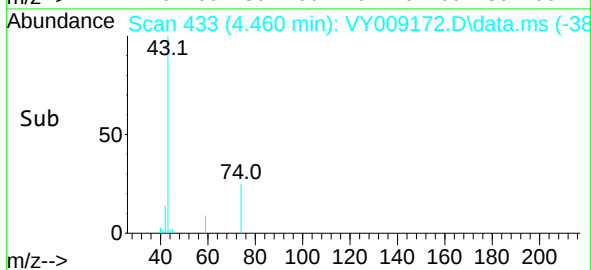
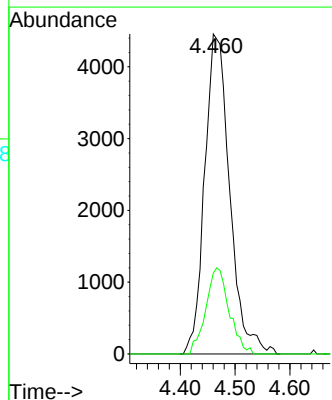
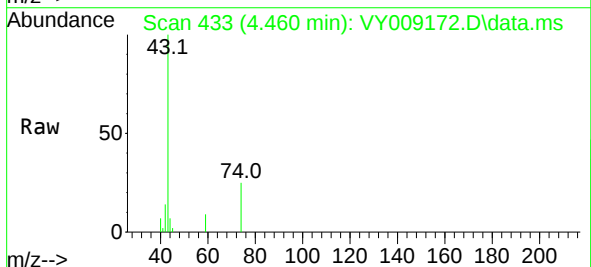
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

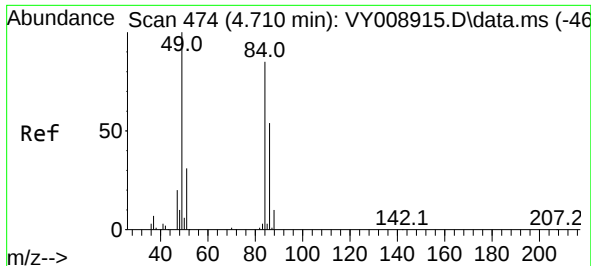
Tgt Ion: 43 Resp: 2683
Ion Ratio Lower Upper
43 100
58 28.2 22.0 33.0



#18
Methyl Acetate
Concen: 22.259 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.013 min
Lab File: VY009172.D
Acq: 07 Jun 2022 18:25

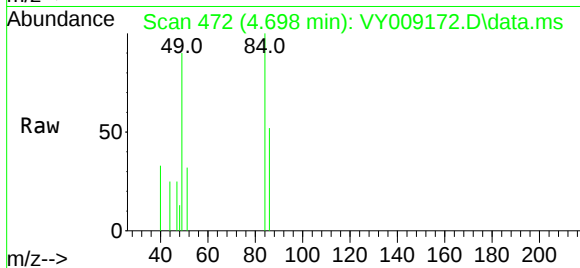
Tgt Ion: 43 Resp: 14128
Ion Ratio Lower Upper
43 100
74 25.0 16.6 24.8#





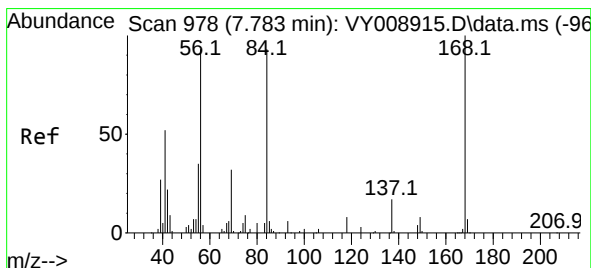
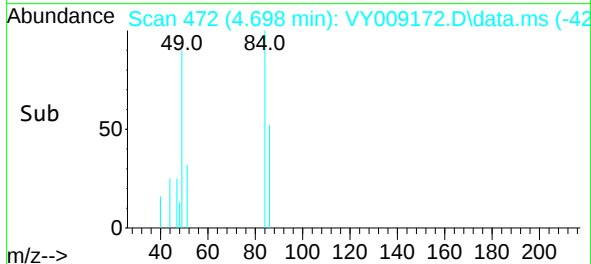
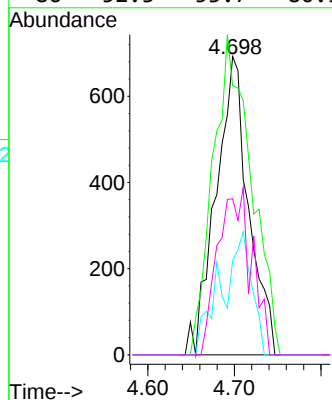
#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY009172.D
Acq: 07 Jun 2022 18:25

Instrument :
MSVOA_Y
ClientSampleId :
TP-3



Tgt Ion: 84 Resp: 1817

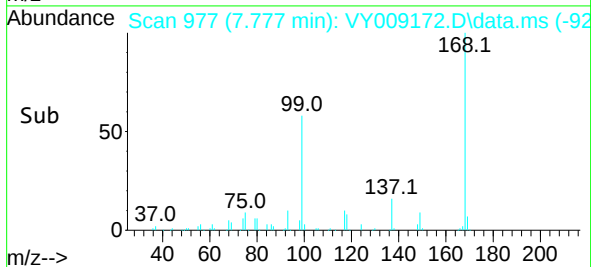
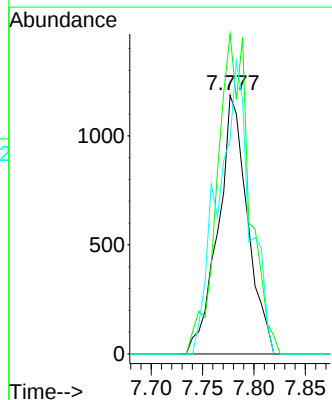
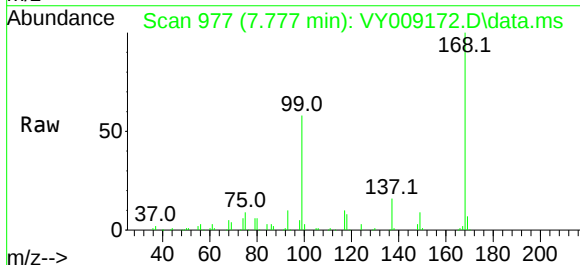
Ion	Ratio	Lower	Upper
84	100		
49	90.2	114.4	171.6#
51	31.6	35.3	52.9#
86	52.3	53.7	80.5#



#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY009172.D
Acq: 07 Jun 2022 18:25

Tgt Ion: 56 Resp: 2357

Ion	Ratio	Lower	Upper
56	100		
69	123.7	26.7	40.1#
84	83.1	67.2	100.8





#33

1,2-Dichloroethane-d4

Concen: 65.352 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009172.D

Acq: 07 Jun 2022 18:25

Instrument :

MSVOA_Y

ClientSampleId :

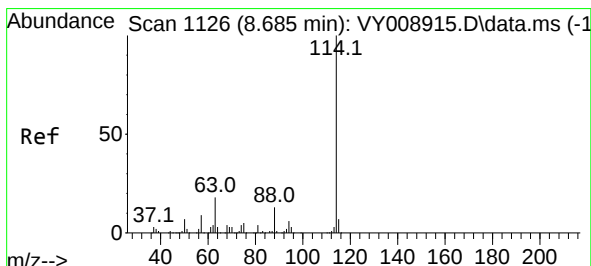
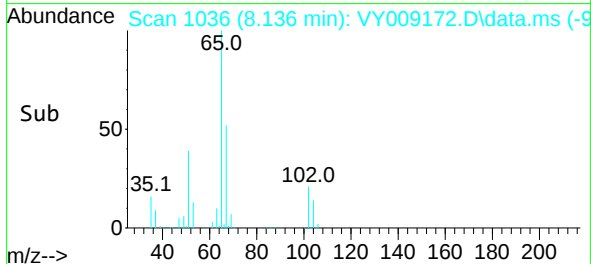
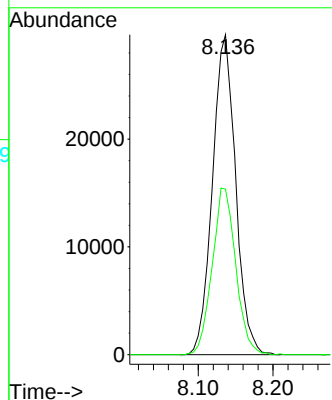
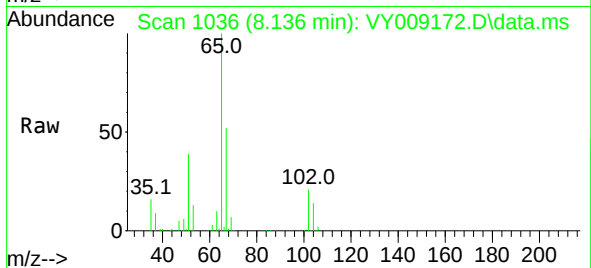
TP-3

Tgt Ion: 65 Resp: 63991

Ion Ratio Lower Upper

65 100

67 52.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009172.D

Acq: 07 Jun 2022 18:25

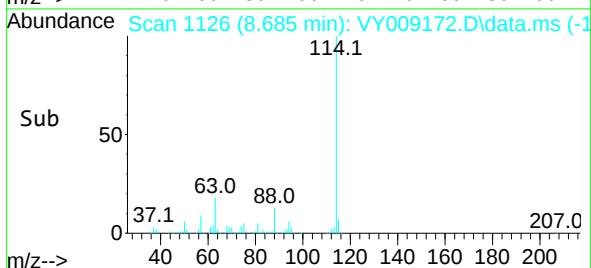
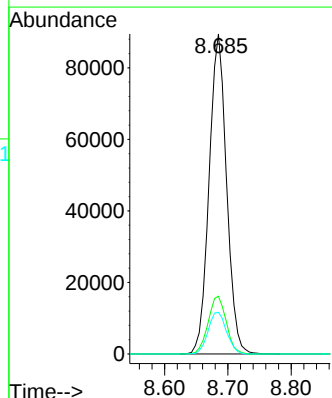
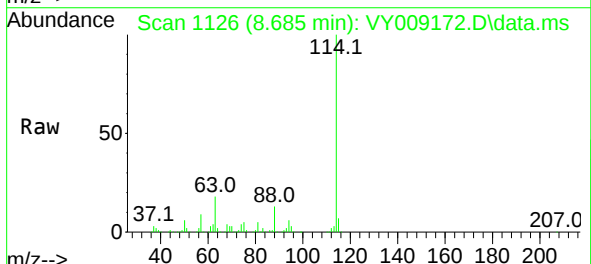
Tgt Ion: 114 Resp: 171579

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 13.0 0.0 31.8

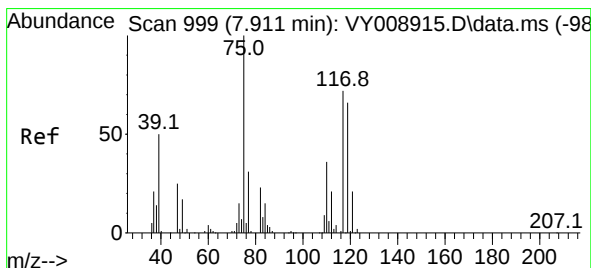
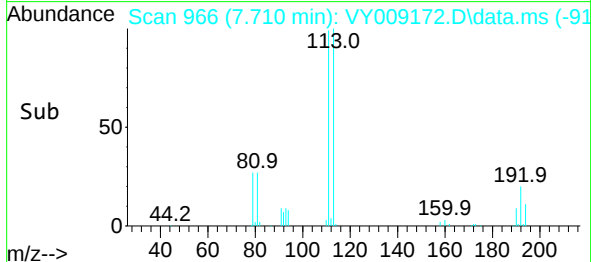
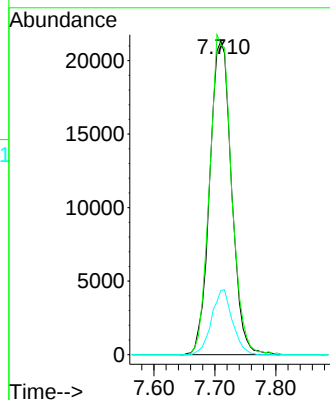
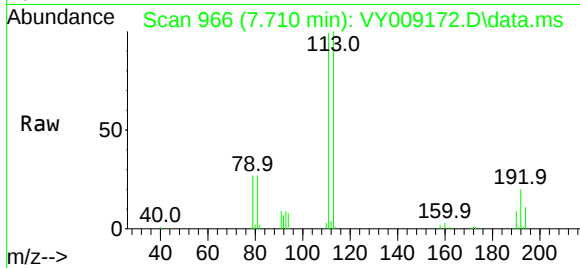




#35
Dibromofluoromethane
Concen: 49.833 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009172.D
Acq: 07 Jun 2022 18:25

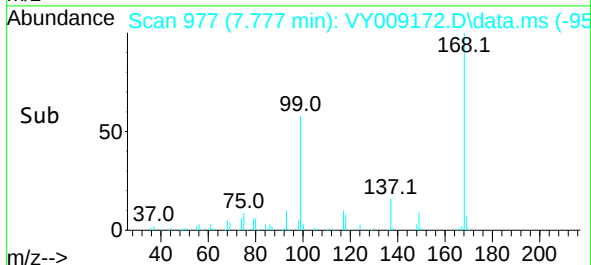
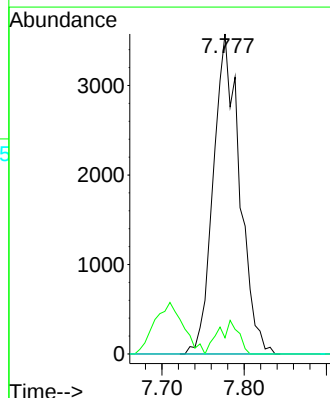
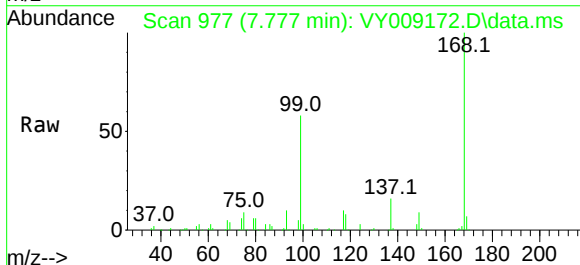
Instrument :
MSVOA_Y
ClientSampleId :
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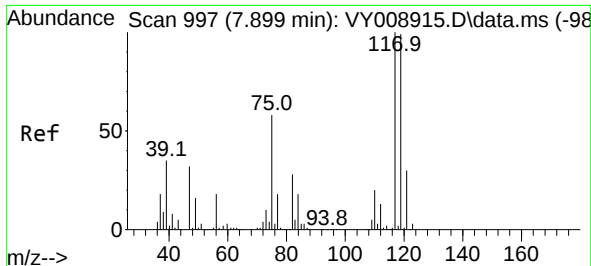
Tgt Ion:113 Resp: 53169
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.386 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009172.D
Acq: 07 Jun 2022 18:25

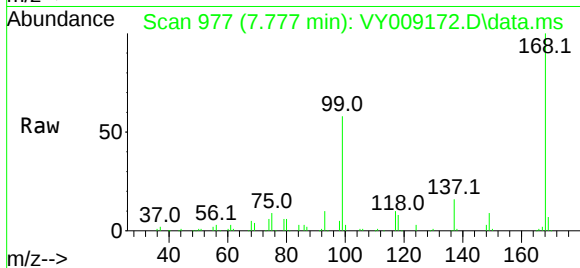
Tgt Ion: 75 Resp: 7963
Ion Ratio Lower Upper
75 100
110 8.0 17.1 51.2#
77 0.0 24.4 36.6#



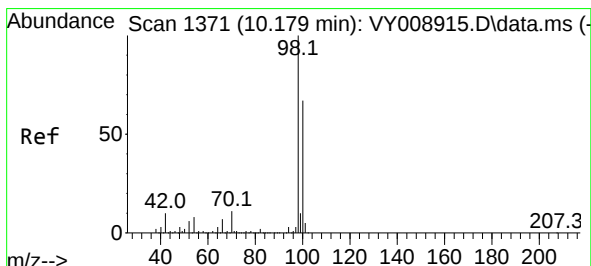
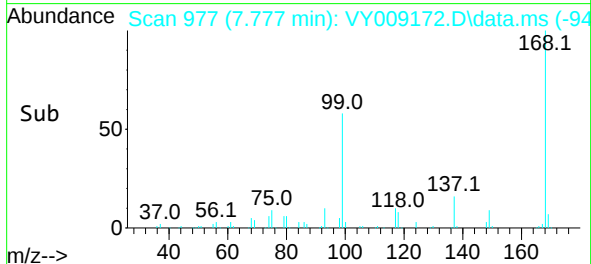
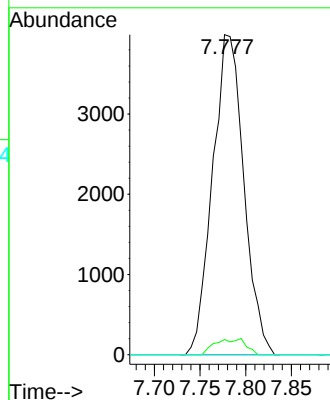


#38
Carbon Tetrachloride
Concen: 4.990 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY009172.D
Acq: 07 Jun 2022 18:25

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

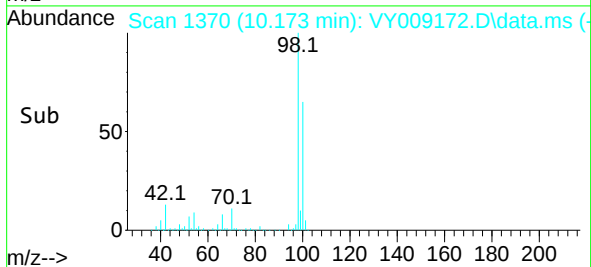
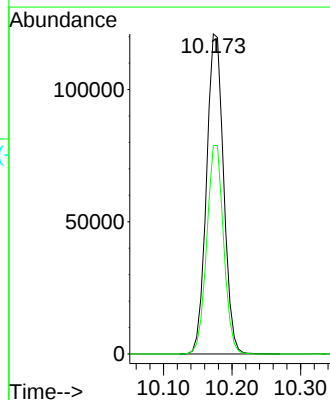
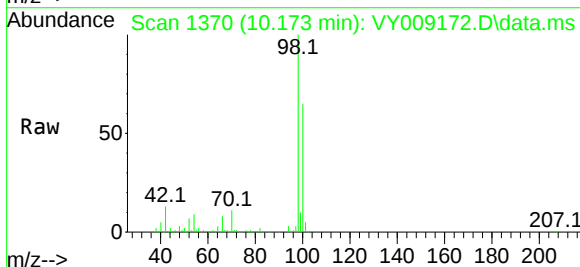


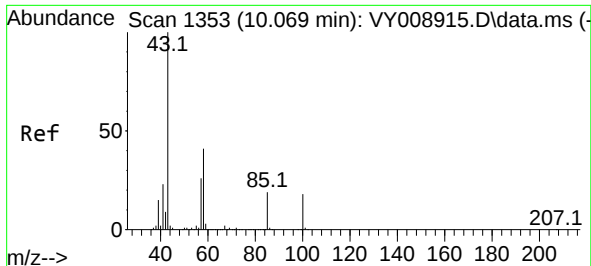
Tgt Ion:117 Resp: 9479
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.405 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009172.D
Acq: 07 Jun 2022 18:25

Tgt Ion: 98 Resp: 210208
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

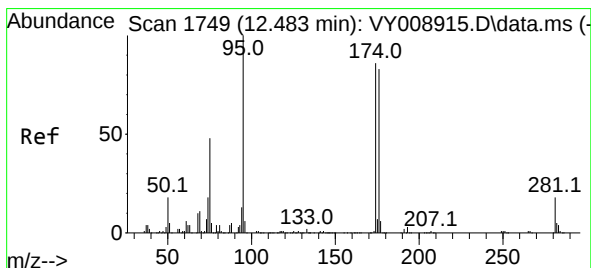
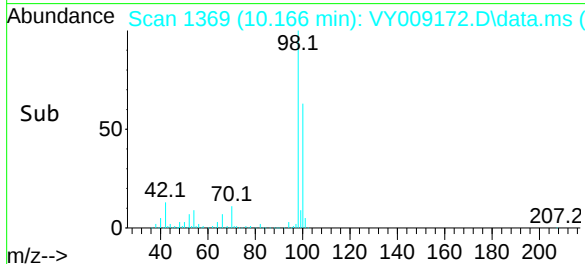
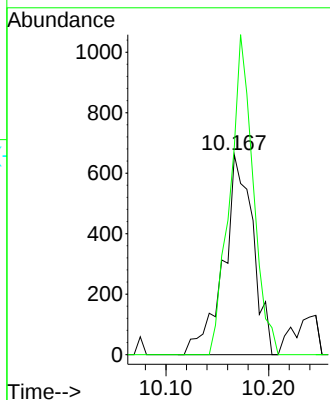
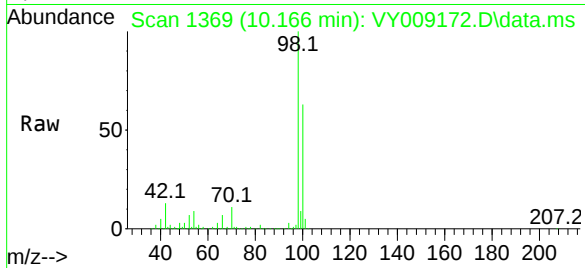




#51
4-Methyl-2-Pentanone
Concen: 1.348 ug/l
RT: 10.166 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY009172.D
Acq: 07 Jun 2022 18:25

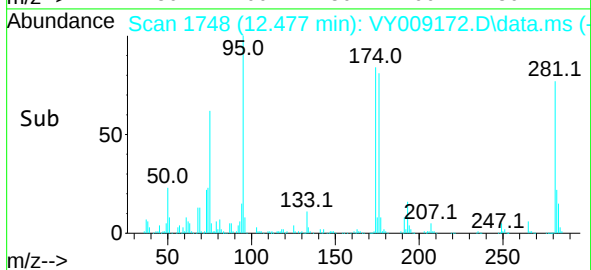
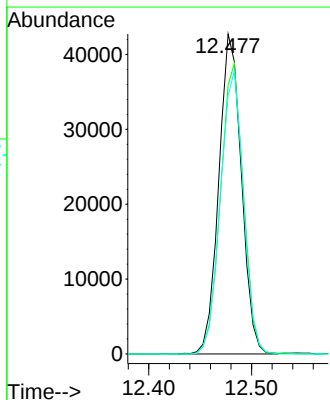
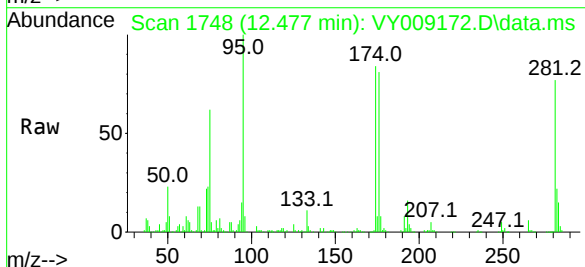
Instrument :
MSVOA_Y
ClientSampleId :
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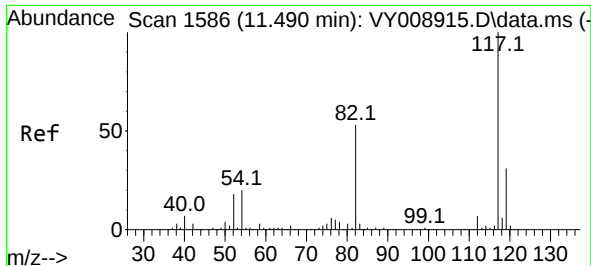
Tgt Ion: 43 Resp: 1307
Ion Ratio Lower Upper
43 100
58 127.5 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 40.954 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009172.D
Acq: 07 Jun 2022 18:25

Tgt Ion: 95 Resp: 65027
Ion Ratio Lower Upper
95 100
174 92.1 0.0 177.0
176 90.6 0.0 175.8

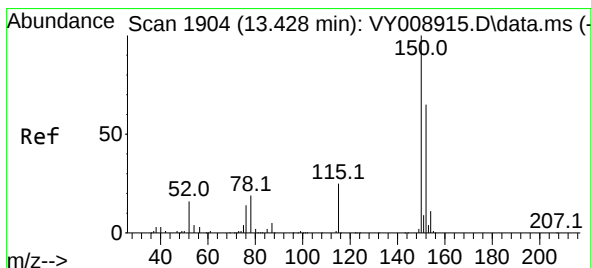
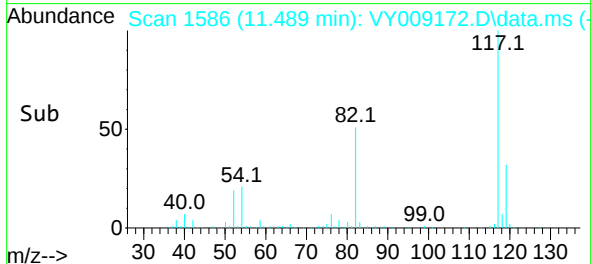
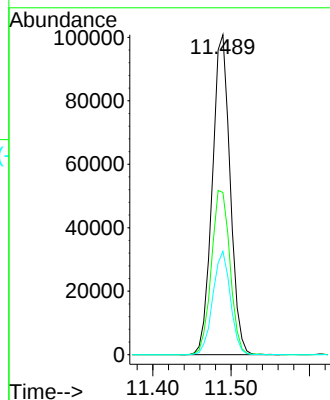
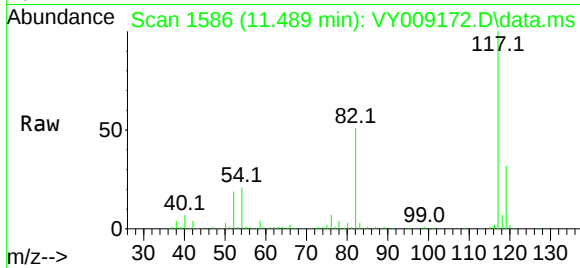




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009172.D
Acq: 07 Jun 2022 18:25

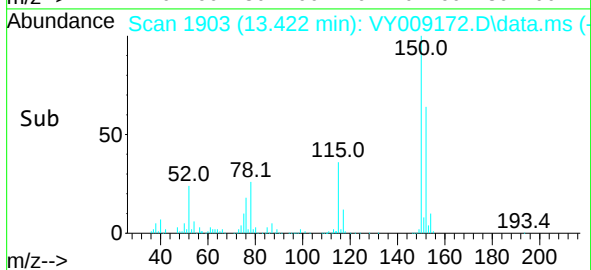
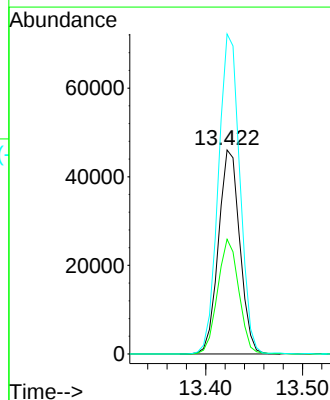
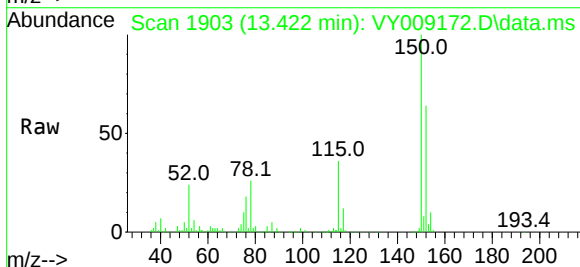
Instrument :
MSVOA_Y
ClientSampleId :
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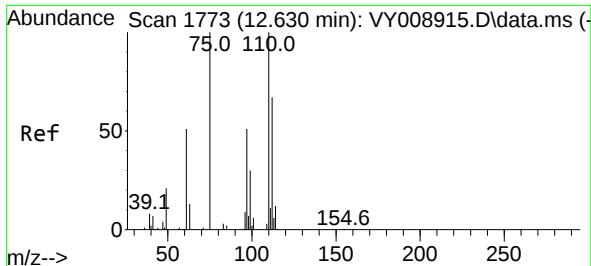
Tgt Ion:117 Resp: 159495
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009172.D
Acq: 07 Jun 2022 18:25

Tgt Ion:152 Resp: 70476
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 158.0 0.0 347.6

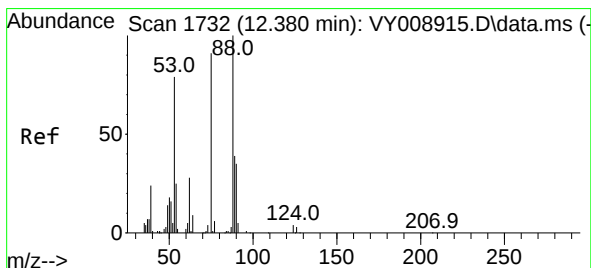
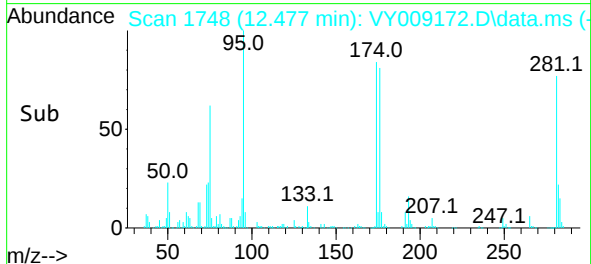
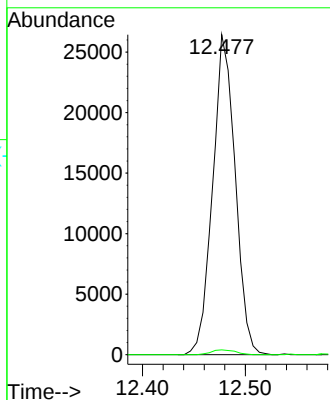
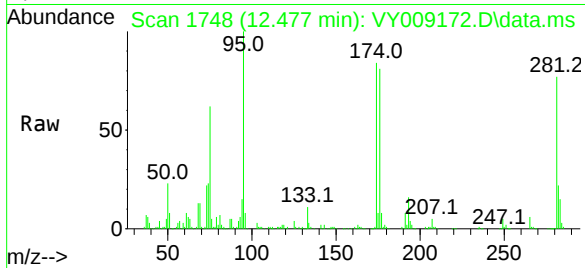




#76
1,2,3-Trichloropropane
Concen: 53.107 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009172.D
Acq: 07 Jun 2022 18:25

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion: 75 Resp: 40193
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.003 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY009172.D
Acq: 07 Jun 2022 18:25

Tgt Ion: 75 Resp: 40193
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 1.7 37.0 55.4#

