

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010308.D
 Acq On : 03 Sep 2022 04:09
 Operator : KP/MD
 Sample : N4379-15
 Misc : 6.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 03 06:13:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

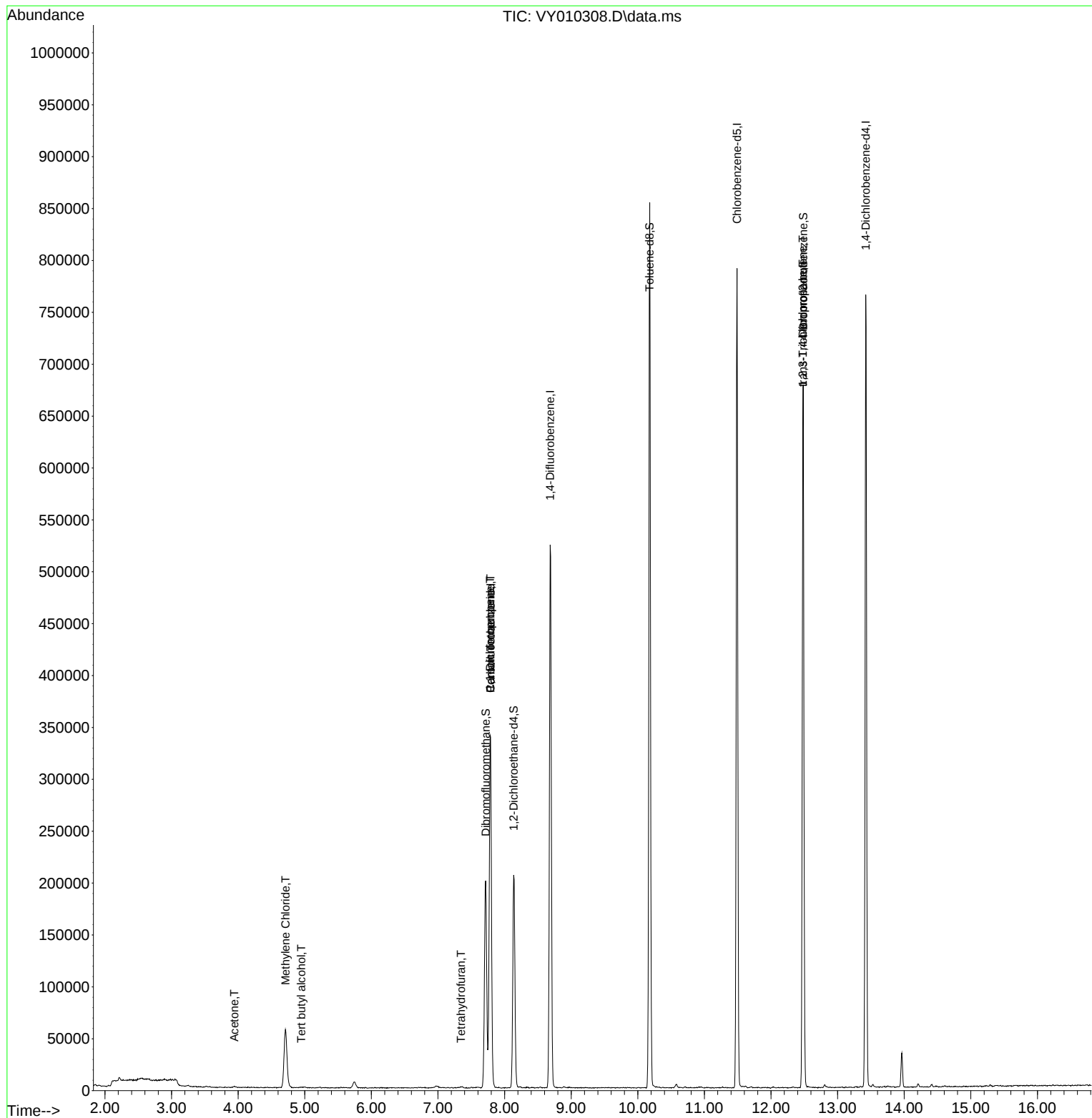
Internal Standards						
1) Pentafluorobenzene	7.789	168	278429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	464980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	433702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	203068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	161841	56.687	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.380%
35) Dibromofluoromethane	7.716	113	142502	46.036	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.080%
50) Toluene-d8	10.179	98	552076	53.271	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.540%
62) 4-Bromofluorobenzene	12.483	95	197390	47.206	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.420%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	584	Below Cal	#	16
11) Tert butyl alcohol	4.948	59	1257	3.680	ug/l	97
16) Acetone	3.942	43	1647	2.308	ug/l #	74
20) Methylene Chloride	4.710	84	42836	12.437	ug/l	89
29) Tetrahydrofuran	7.344	42	1163	1.550	ug/l #	47
36) 1,1-Dichloropropene	7.783	75	19958	4.394	ug/l #	51
38) Carbon Tetrachloride	7.789	117	25977	5.550	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	100237	41.479	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	100237	86.529	ug/l #	7

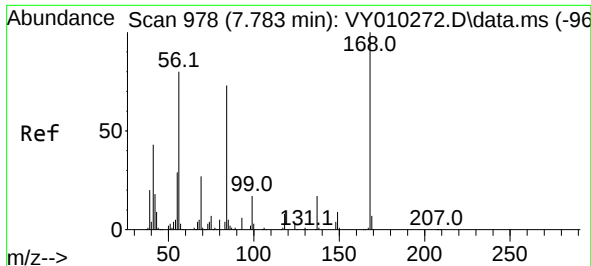
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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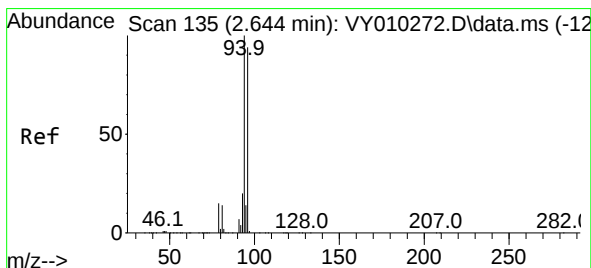
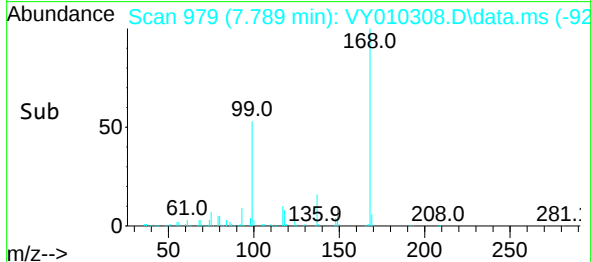
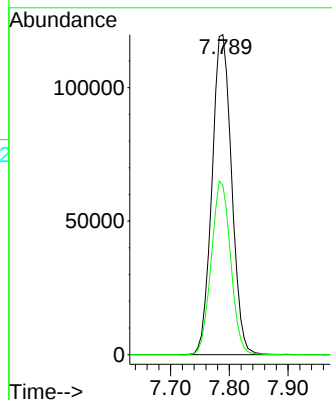
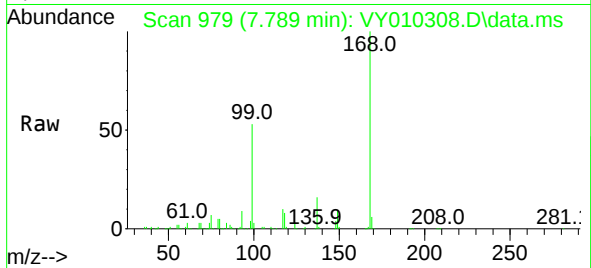




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010308.D
Acq: 03 Sep 2022 04:09

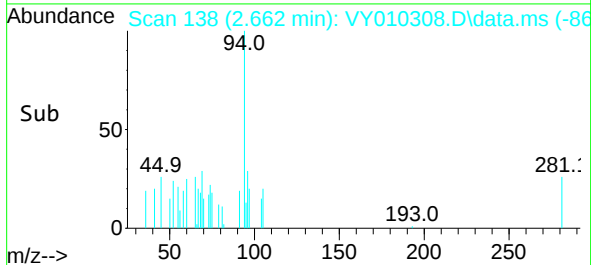
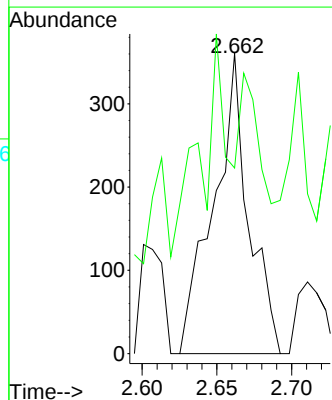
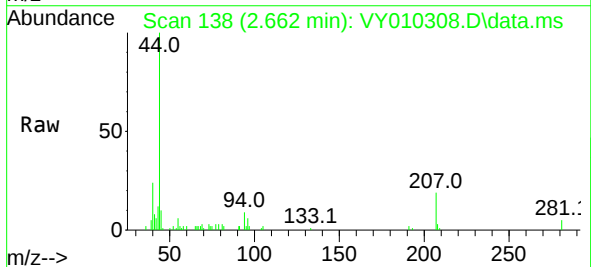
Instrument :
MSVOA_Y
ClientSampleId :

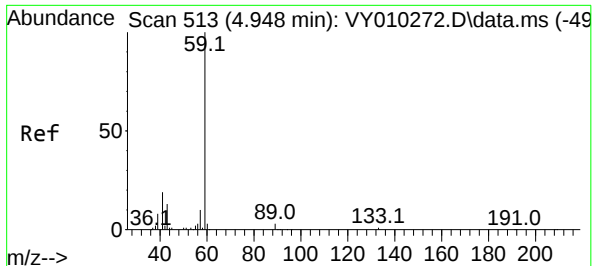
Tgt Ion:168 Resp: 278429
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.018 min
Lab File: VY010308.D
Acq: 03 Sep 2022 04:09

Tgt Ion: 94 Resp: 584
Ion Ratio Lower Upper
94 100
96 11.9 73.5 110.3#





#11

Tert butyl alcohol

Concen: 3.680 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY010308.D

Acq: 03 Sep 2022 04:09

Instrument :

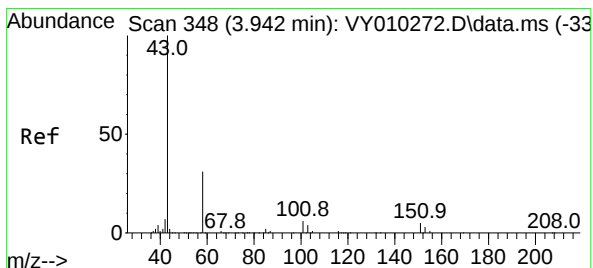
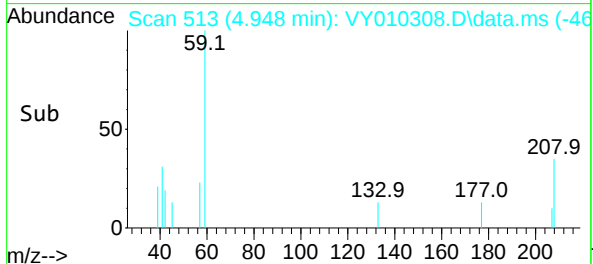
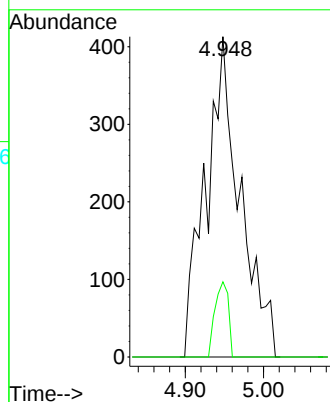
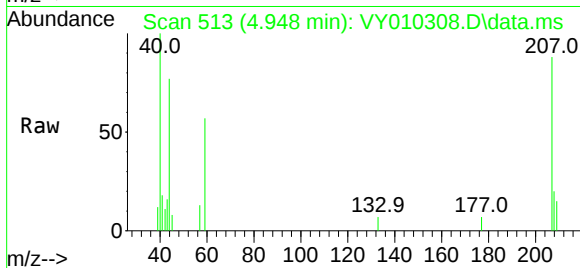
MSVOA_Y

ClientSampleId :

Tgt Ion: 59 Resp: 1257

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
59	100		
57	9.1	6.4	9.6



#16

Acetone

Concen: 2.308 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

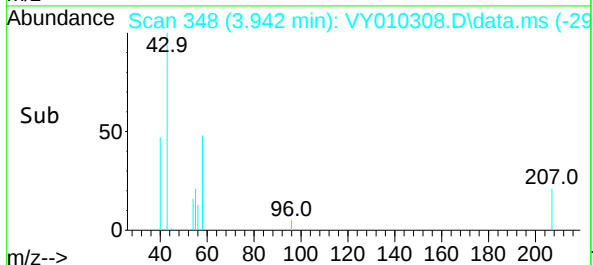
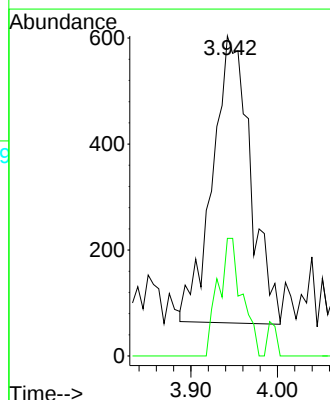
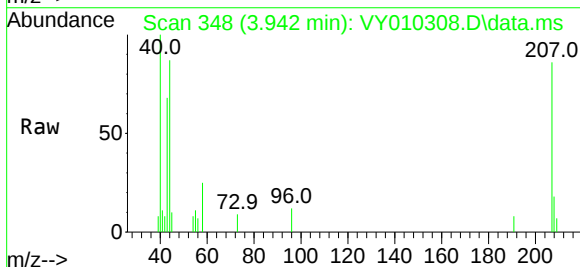
Lab File: VY010308.D

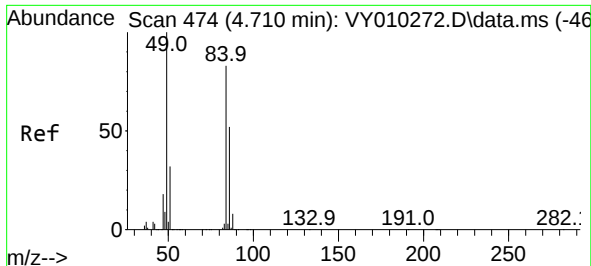
Acq: 03 Sep 2022 04:09

Tgt Ion: 43 Resp: 1647

Ion Ratio Lower Upper

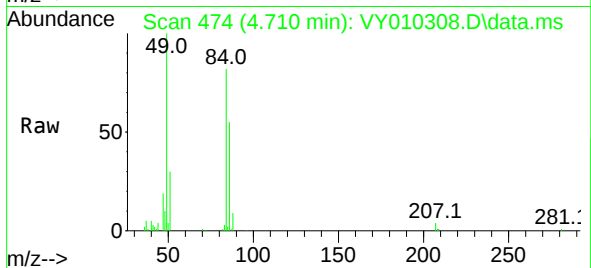
Ion	Ratio	Lower	Upper
43	100		
58	41.2	22.0	33.0



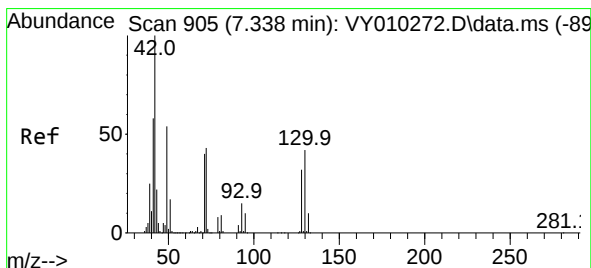
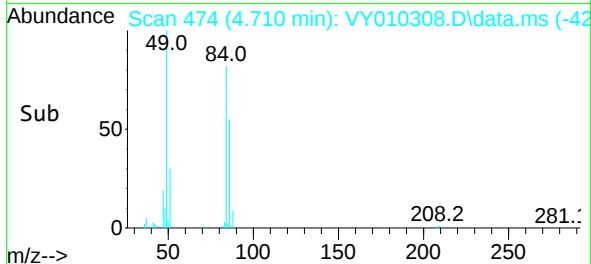
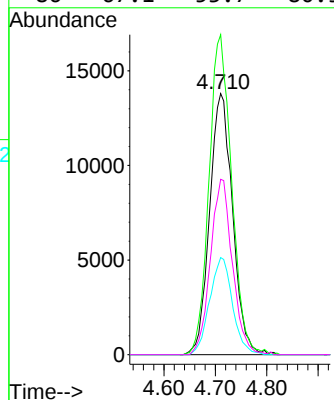


#20
Methylene Chloride
Concen: 12.437 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010308.D
Acq: 03 Sep 2022 04:09

Instrument :
MSVOA_Y
ClientSampleId :

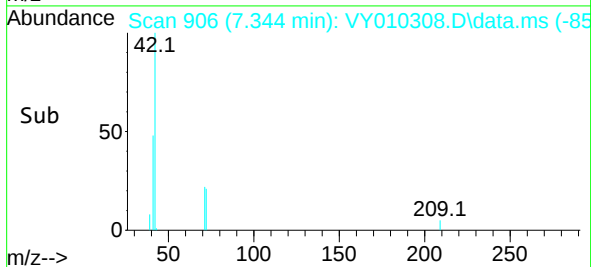
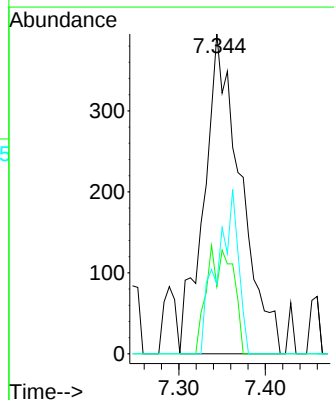
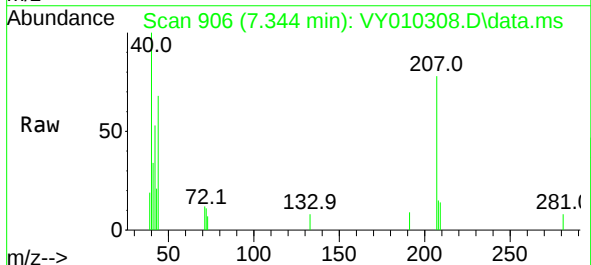


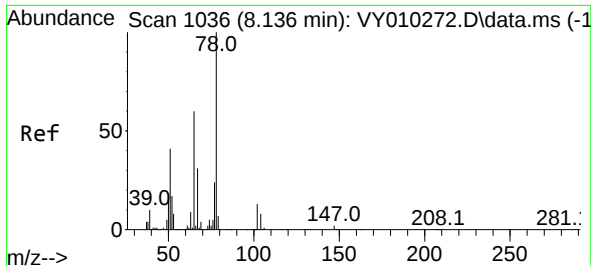
Tgt Ion:	84	Resp:	42836
Ion	Ratio	Lower	Upper
84	100		
49	122.5	114.4	171.6
51	37.2	35.3	52.9
86	67.1	53.7	80.5



#29
Tetrahydrofuran
Concen: 1.550 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY010308.D
Acq: 03 Sep 2022 04:09

Tgt Ion:	42	Resp:	1163
Ion	Ratio	Lower	Upper
42	100		
72	10.8	30.3	45.5#
71	0.0	29.0	43.4#

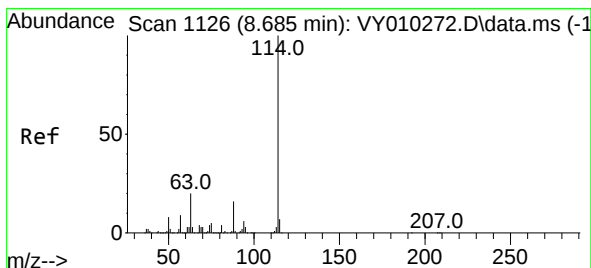
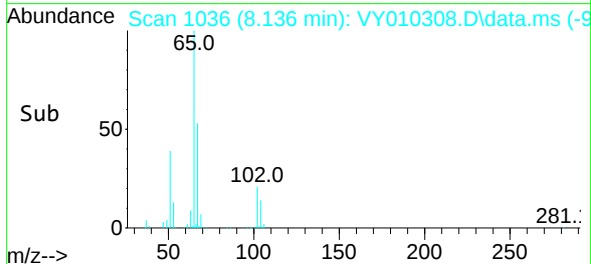
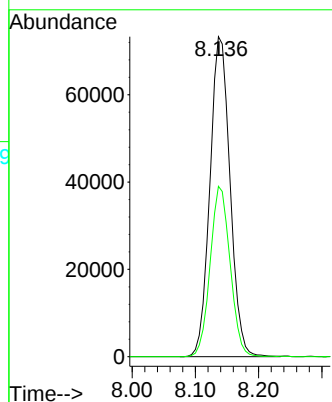
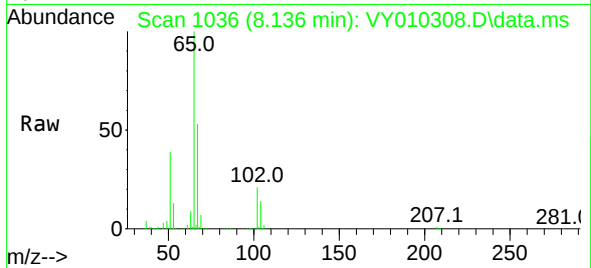




#33
 1,2-Dichloroethane-d4
 Concen: 56.687 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY010308.D
 Acq: 03 Sep 2022 04:09

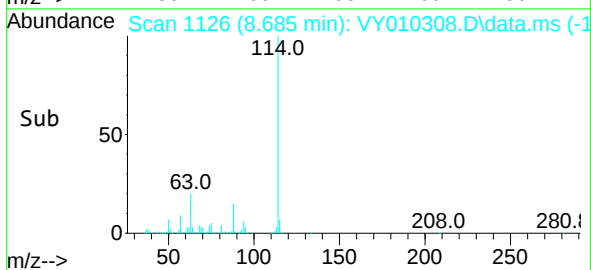
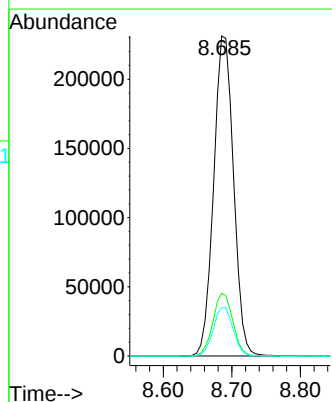
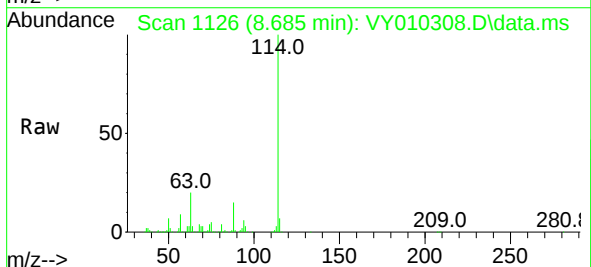
Instrument :
 MSVOA_Y
 ClientSampleId :

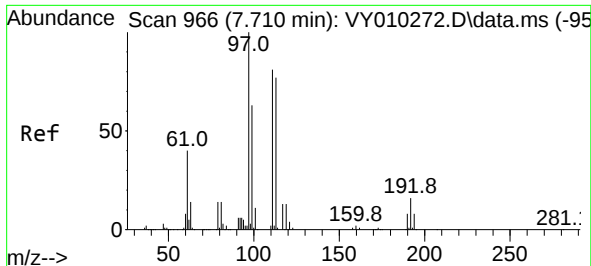
Tgt Ion: 65 Resp: 161841
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY010308.D
 Acq: 03 Sep 2022 04:09

Tgt Ion:114 Resp: 464980
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 43.2
 88 15.1 0.0 31.8

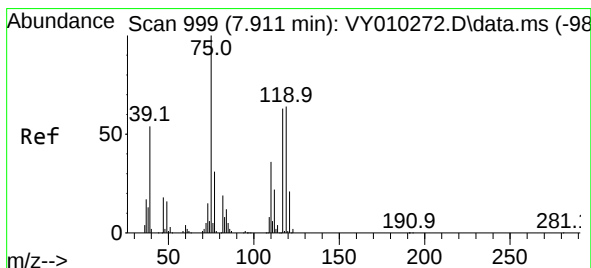
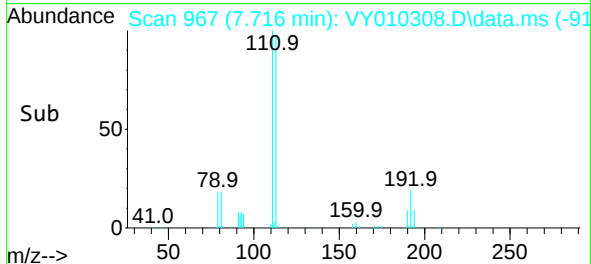
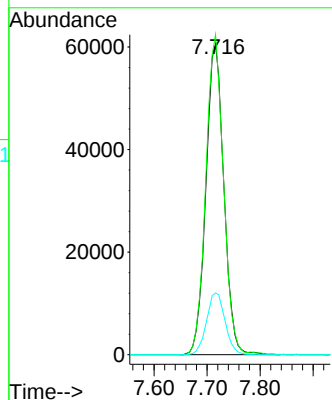
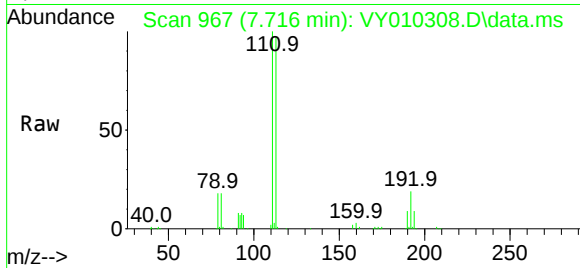




#35
Dibromofluoromethane
Concen: 46.036 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010308.D
Acq: 03 Sep 2022 04:09

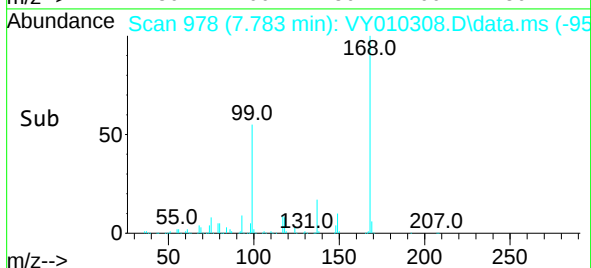
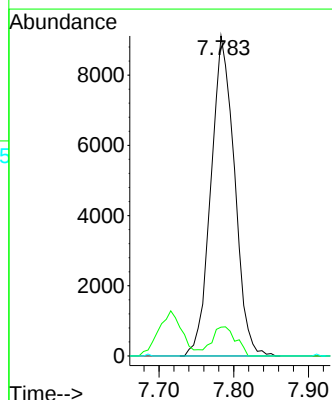
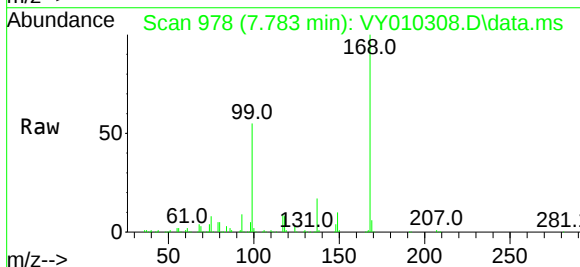
Instrument :
MSVOA_Y
ClientSampleId :

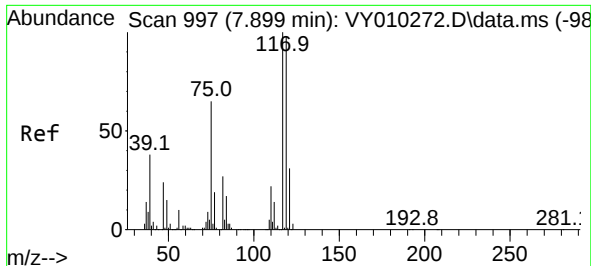
Tgt Ion:113 Resp: 142502
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 20.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.394 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010308.D
Acq: 03 Sep 2022 04:09

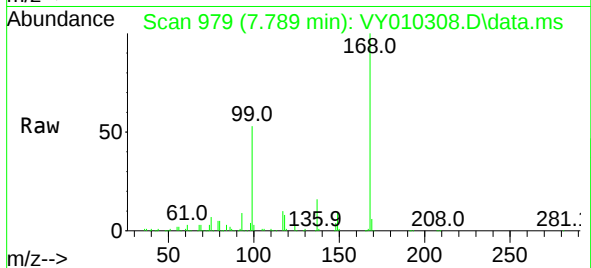
Tgt Ion: 75 Resp: 19958
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#



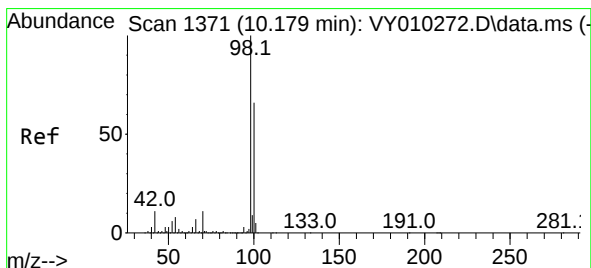
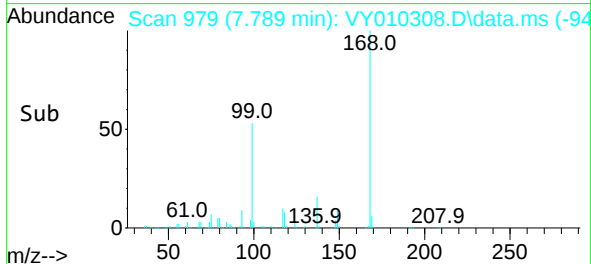
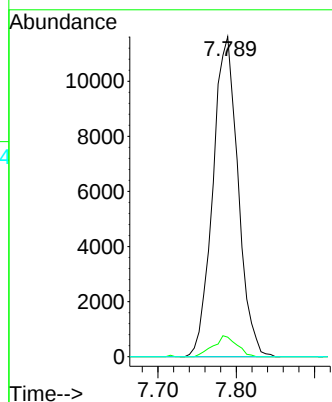


#38
Carbon Tetrachloride
Concen: 5.550 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010308.D
Acq: 03 Sep 2022 04:09

Instrument :
MSVOA_Y
ClientSampleId :

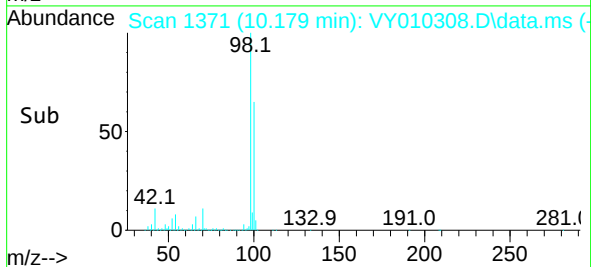
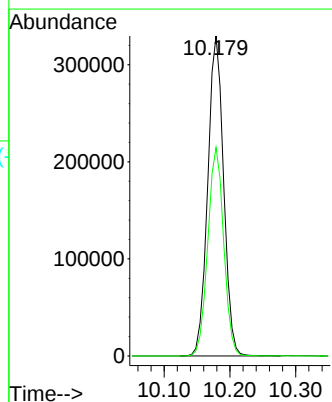
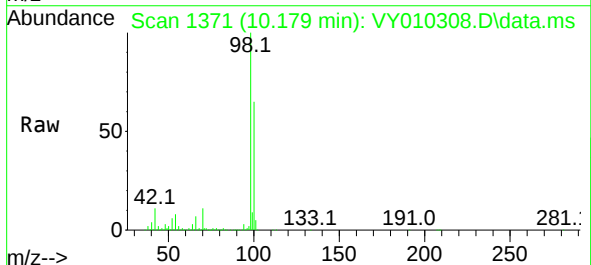


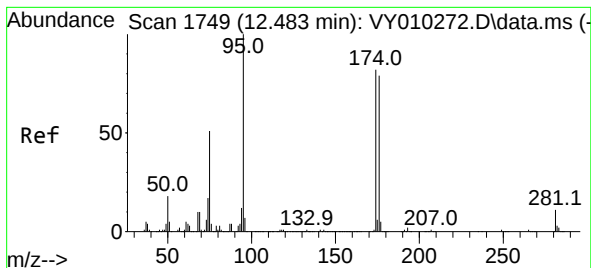
Tgt Ion:117 Resp: 25977
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.271 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010308.D
Acq: 03 Sep 2022 04:09

Tgt Ion: 98 Resp: 552076
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

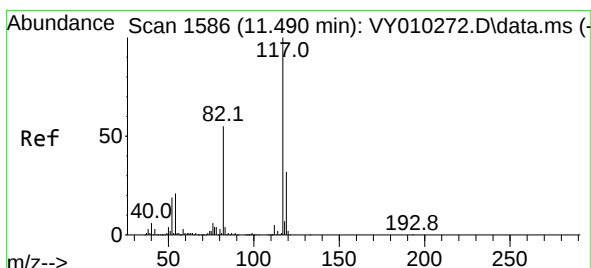
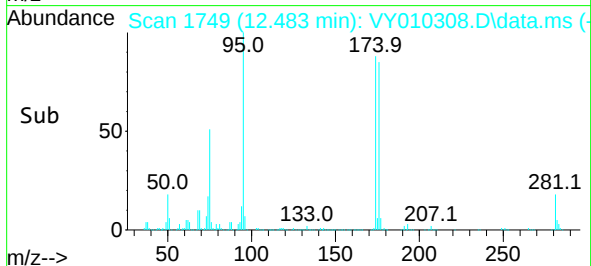
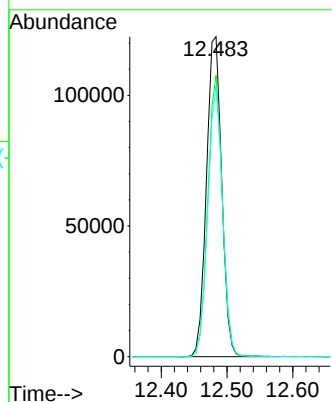
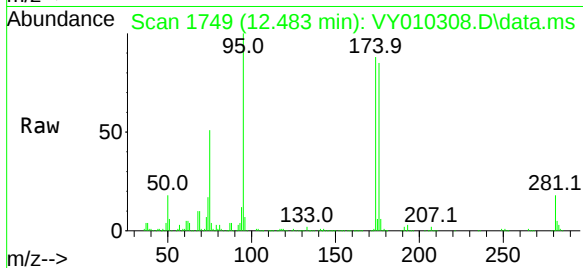




#62
4-Bromofluorobenzene
Concen: 47.206 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010308.D
Acq: 03 Sep 2022 04:09

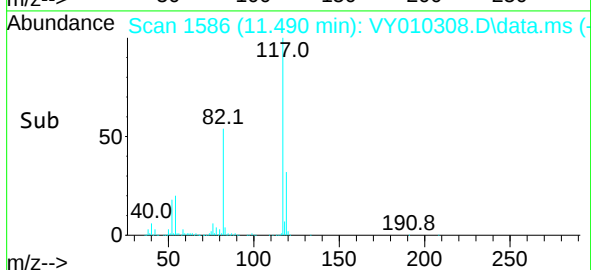
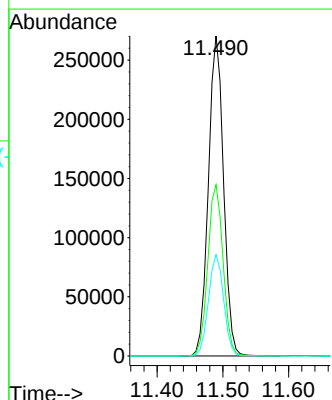
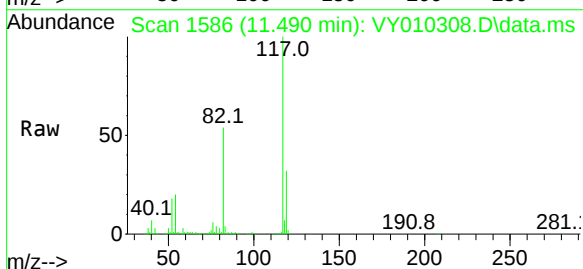
Instrument :
MSVOA_Y
ClientSampleId :

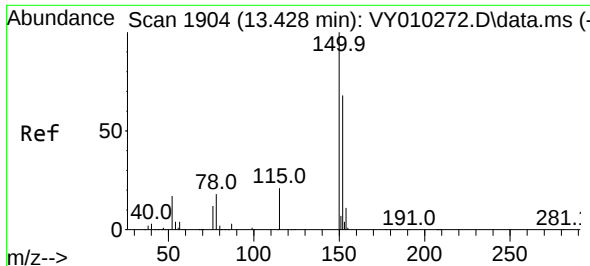
Tgt Ion: 95 Resp: 197390
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 81.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010308.D
Acq: 03 Sep 2022 04:09

Tgt Ion: 117 Resp: 433702
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.6 25.4 38.0

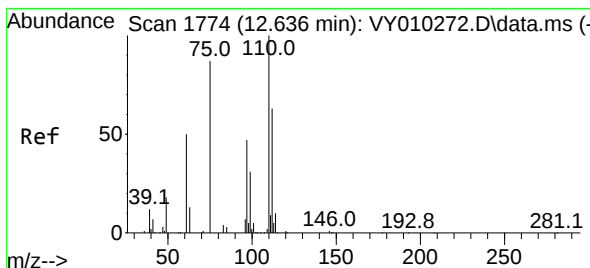
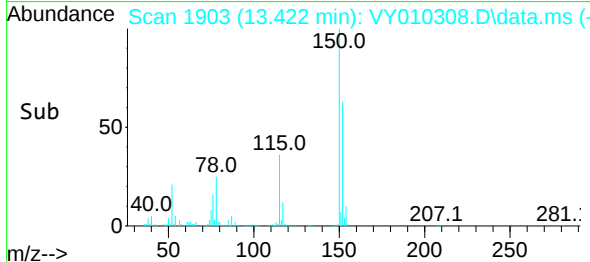
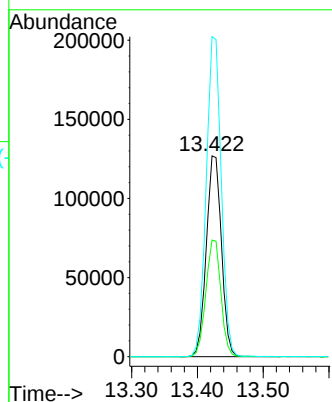
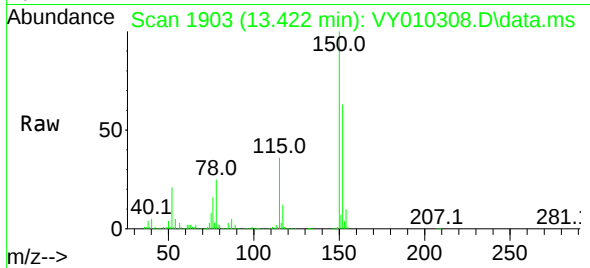




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY010308.D
 Acq: 03 Sep 2022 04:09

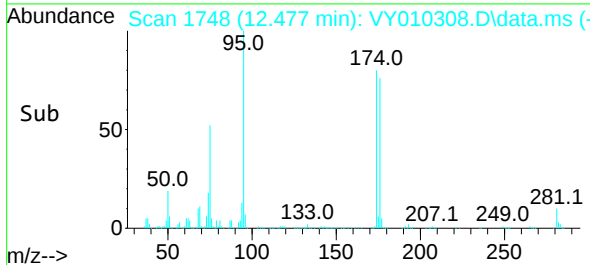
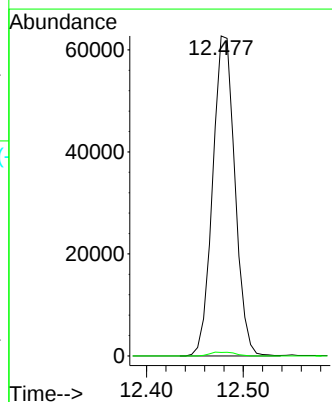
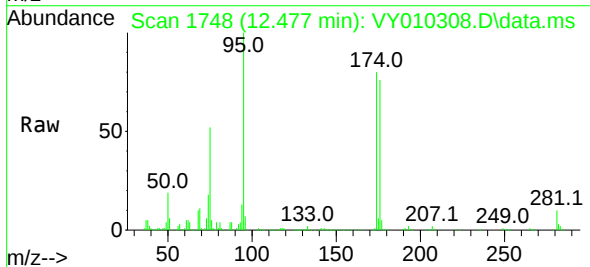
Instrument :
 MSVOA_Y
 ClientSampleId :

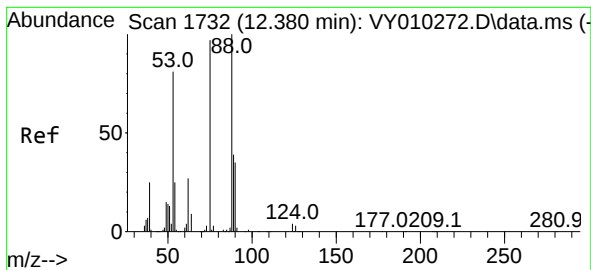
Tgt Ion:152 Resp: 203068
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.2 84.7
 150 157.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 41.479 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY010308.D
 Acq: 03 Sep 2022 04:09

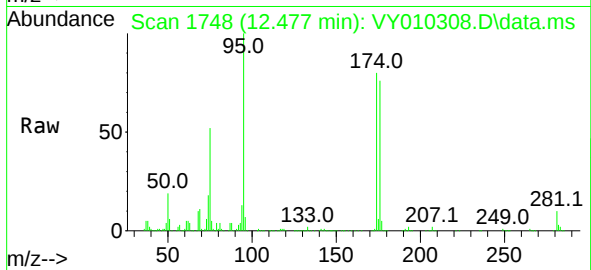
Tgt Ion: 75 Resp: 100237
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.529 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010308.D
 Acq: 03 Sep 2022 04:09

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 100237
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.4 37.0 55.4#

