

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
 Data File : VY010384.D
 Acq On : 08 Sep 2022 10:44
 Operator : KP/MD
 Sample : VY0908SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0908SBL01

Quant Time: Sep 08 16:22:53 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)

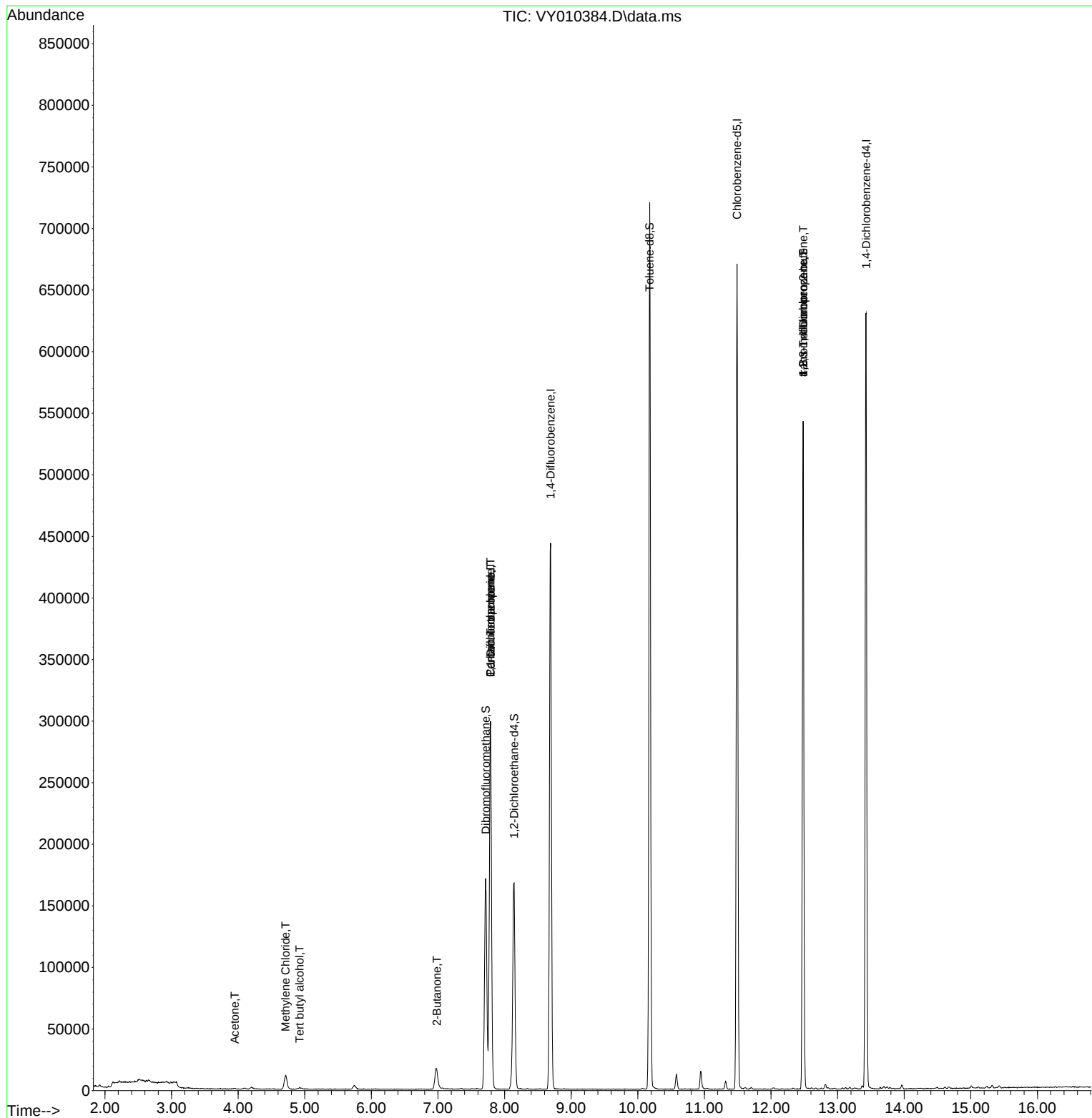
Internal Standards						
1) Pentafluorobenzene	7.789	168	241357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	401920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	375099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	129850	52.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.940%	
35) Dibromofluoromethane	7.715	113	122147	45.651	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.300%	
50) Toluene-d8	10.178	98	474337	52.950	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.900%	
62) 4-Bromofluorobenzene	12.483	95	161379	44.258	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.520%	
Target Compounds						Qvalue
5) Bromomethane	2.674	94	777	Below Cal		83
11) Tert butyl alcohol	4.923	59	1510	5.100 ug/l #		77
16) Acetone	3.948	43	978	1.581 ug/l #		84
20) Methylene Chloride	4.710	84	8396	2.812 ug/l #		79
25) 2-Butanone	6.984	43	1168	1.150 ug/l		92
36) 1,1-Dichloropropene	7.789	75	17323	4.413 ug/l #		51
38) Carbon Tetrachloride	7.789	117	22348	5.524 ug/l #		15
76) 1,2,3-Trichloropropane	12.483	75	82075	40.075 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	82075	83.601 ug/l #		7

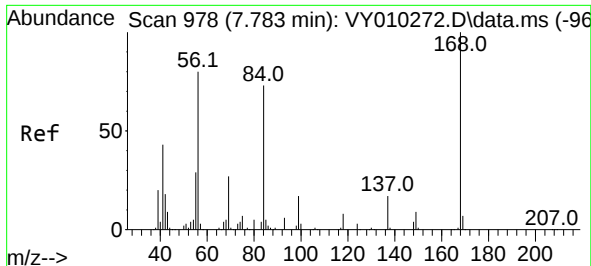
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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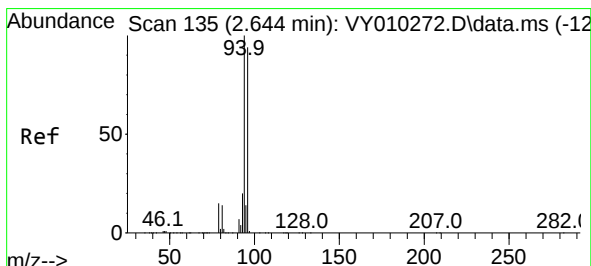
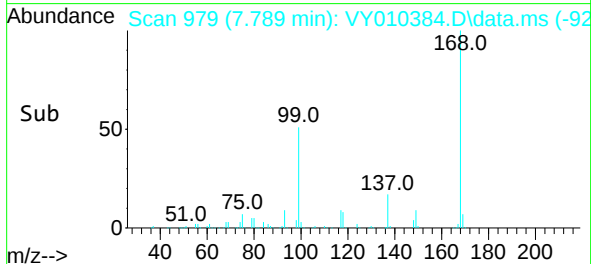
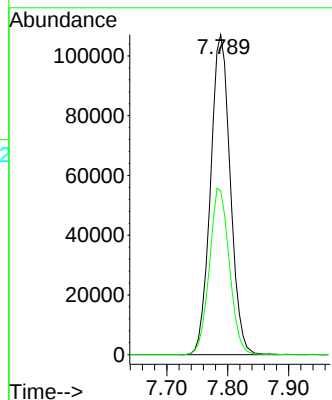
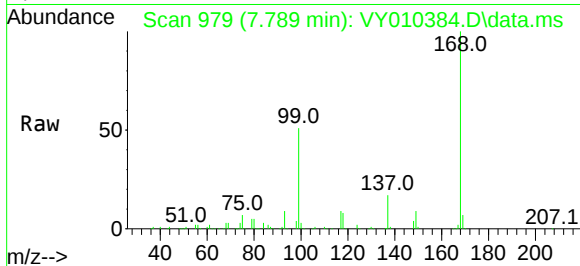




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010384.D
Acq: 08 Sep 2022 10:44

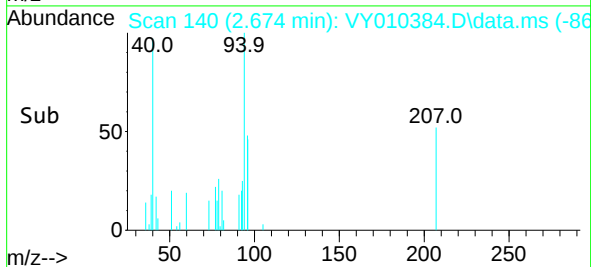
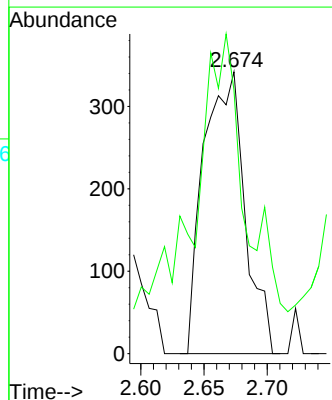
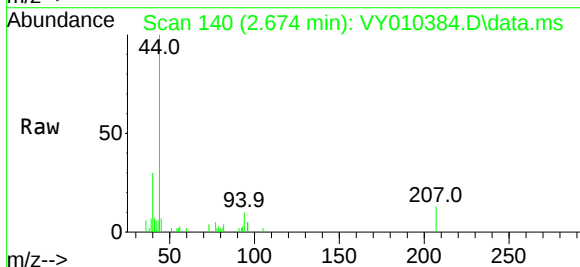
Instrument :
MSVOA_Y
ClientSampleId :
VY0908SBL01

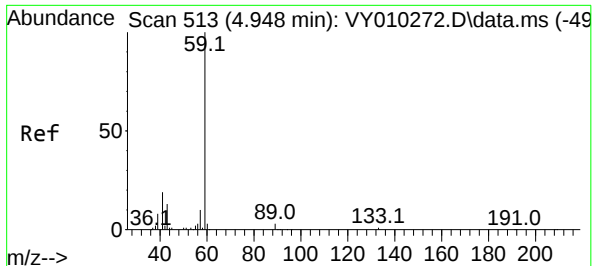
Tgt Ion:168 Resp: 241357
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 140
Delta R.T. 0.030 min
Lab File: VY010384.D
Acq: 08 Sep 2022 10:44

Tgt Ion: 94 Resp: 777
Ion Ratio Lower Upper
94 100
96 75.7 73.5 110.3





#11

Tert butyl alcohol

Concen: 5.100 ug/l

RT: 4.923 min Scan# 509

Delta R.T. -0.025 min

Lab File: VY010384.D

Acq: 08 Sep 2022 10:44

Instrument :

MSVOA_Y

ClientSampleId :

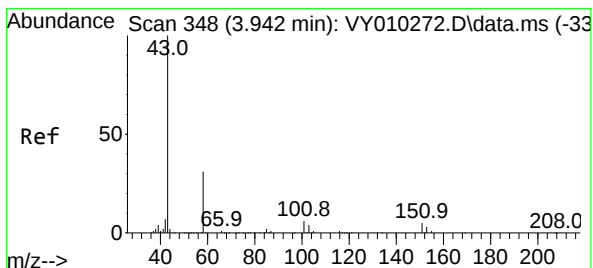
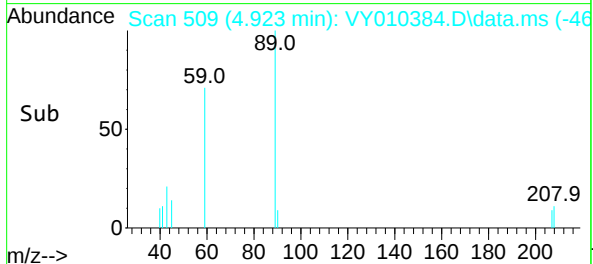
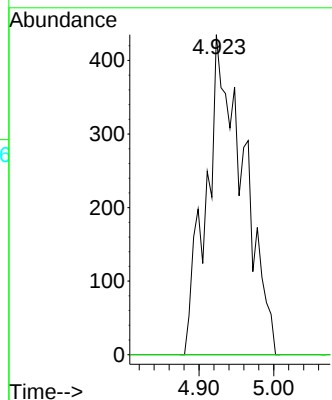
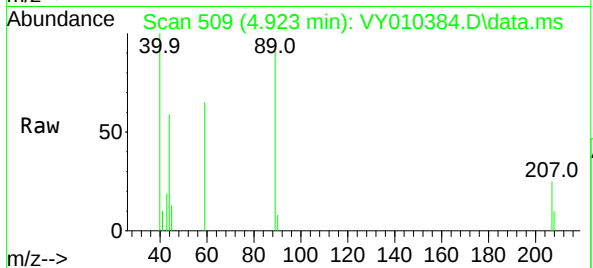
VY0908SBL01

Tgt Ion: 59 Resp: 1510

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.581 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY010384.D

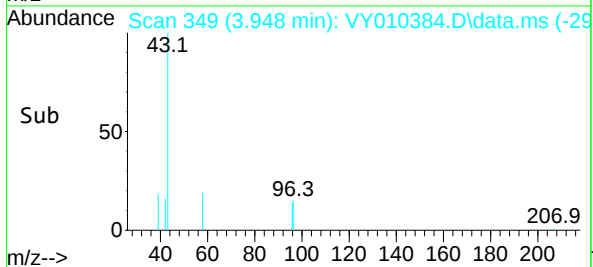
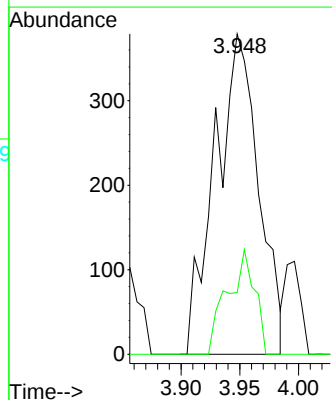
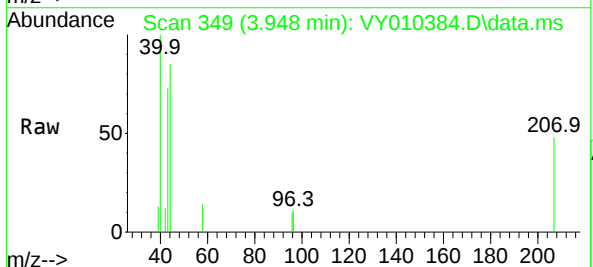
Acq: 08 Sep 2022 10:44

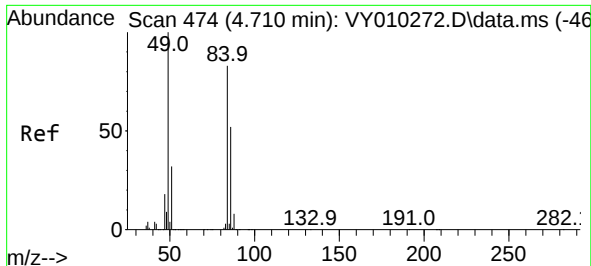
Tgt Ion: 43 Resp: 978

Ion Ratio Lower Upper

43 100

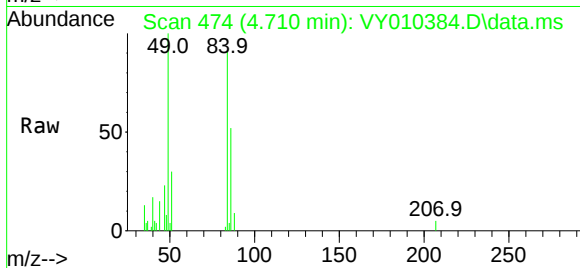
58 19.3 22.0 33.0#



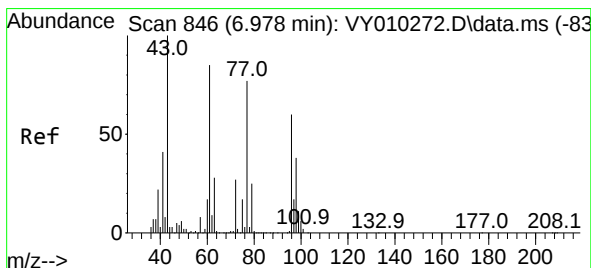
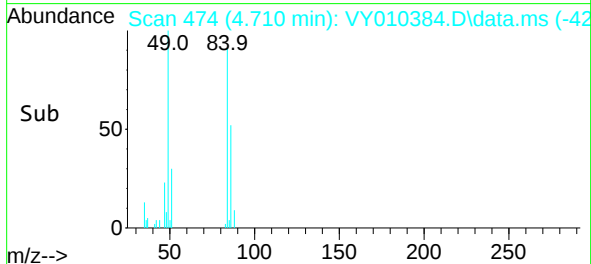
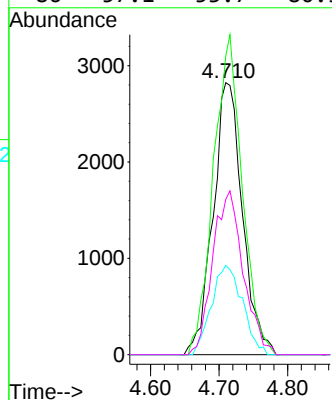


#20
Methylene Chloride
Concen: 2.812 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010384.D
Acq: 08 Sep 2022 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0908SBL01

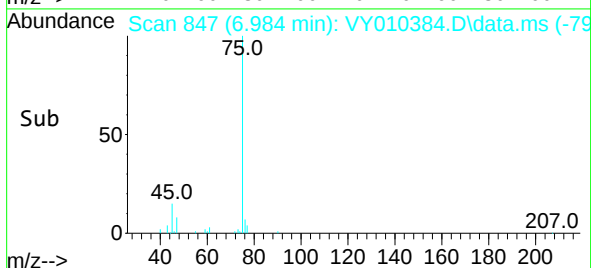
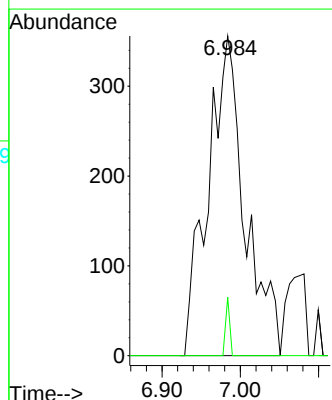
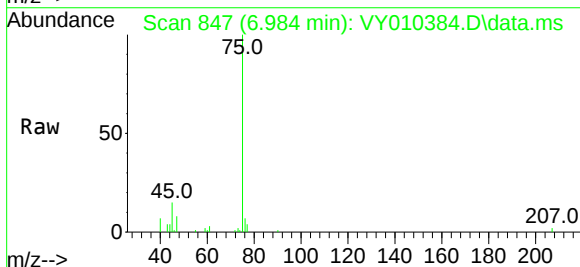


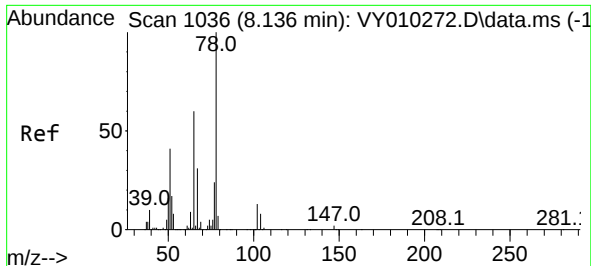
Tgt Ion: 84 Resp: 8396
Ion Ratio Lower Upper
84 100
49 109.9 114.4 171.6#
51 32.8 35.3 52.9#
86 57.1 53.7 80.5



#25
2-Butanone
Concen: 1.150 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY010384.D
Acq: 08 Sep 2022 10:44

Tgt Ion: 43 Resp: 1168
Ion Ratio Lower Upper
43 100
72 18.3 17.7 26.5

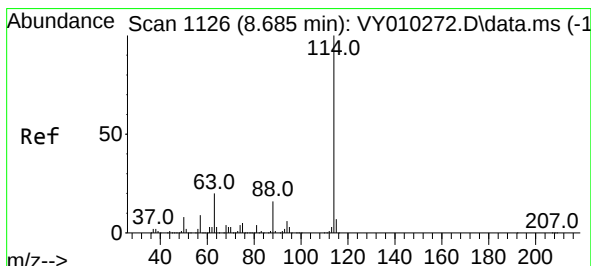
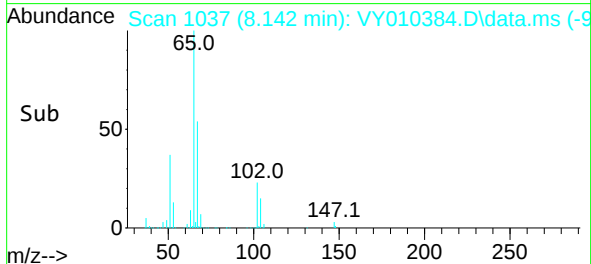
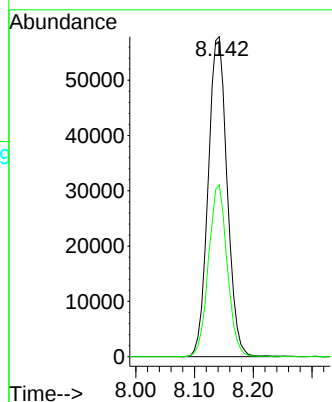
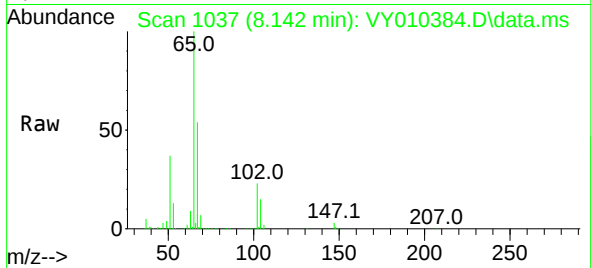




#33
 1,2-Dichloroethane-d4
 Concen: 52.468 ug/l
 RT: 8.142 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VY010384.D
 Acq: 08 Sep 2022 10:44

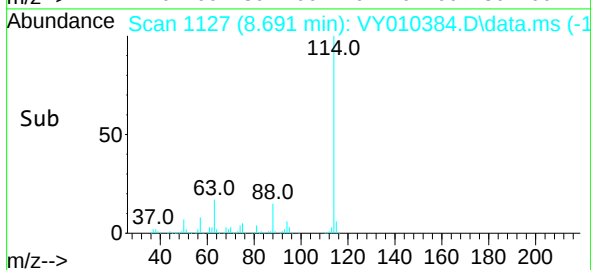
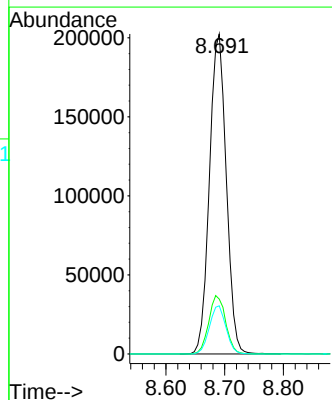
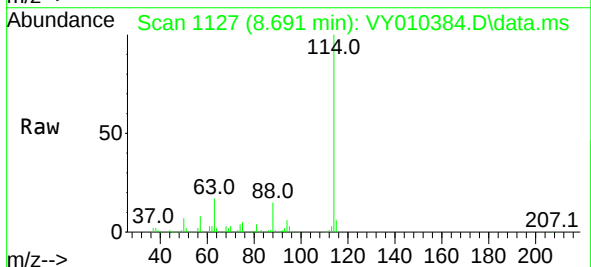
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0908SBL01

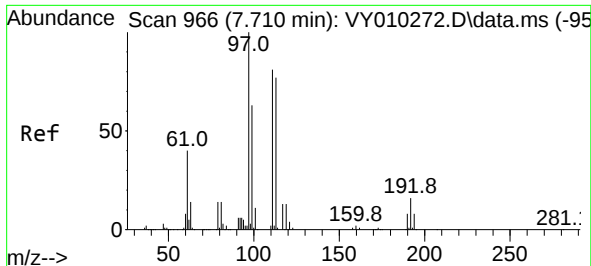
Tgt Ion: 65 Resp: 129850
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY010384.D
 Acq: 08 Sep 2022 10:44

Tgt Ion: 114 Resp: 401920
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 43.2
 88 15.0 0.0 31.8

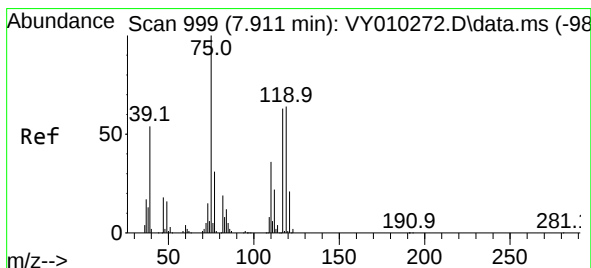
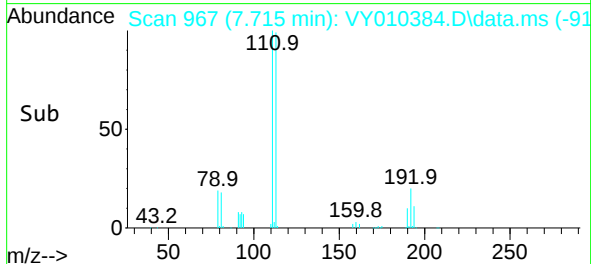
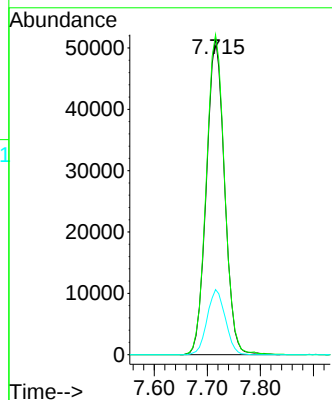
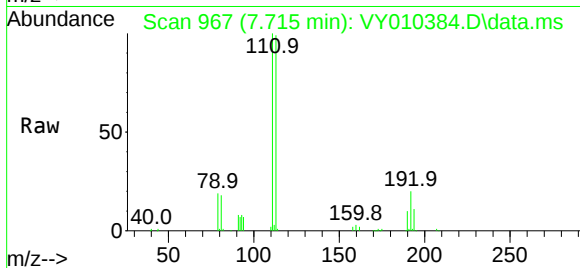




#35
Dibromofluoromethane
Concen: 45.651 ug/l
RT: 7.715 min Scan# 911
Delta R.T. 0.005 min
Lab File: VY010384.D
Acq: 08 Sep 2022 10:44

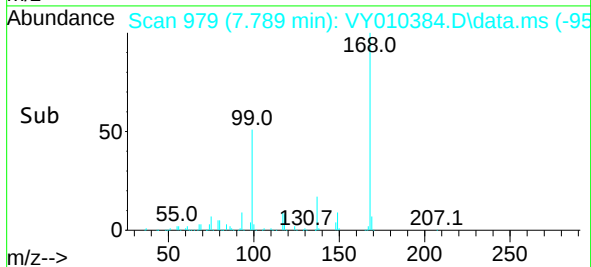
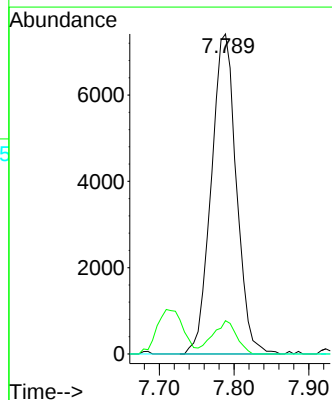
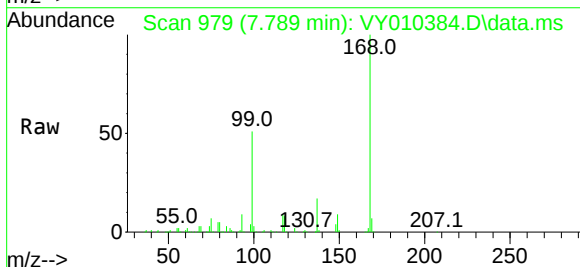
Instrument :
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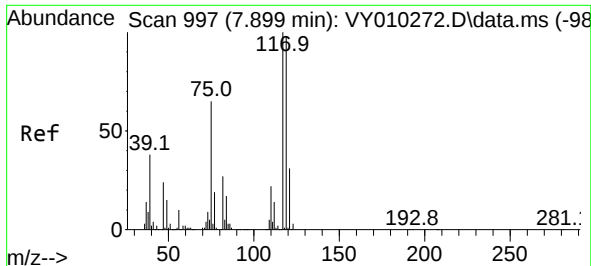
Tgt Ion:113 Resp: 122147
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 20.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.413 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY010384.D
Acq: 08 Sep 2022 10:44

Tgt Ion: 75 Resp: 17323
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#

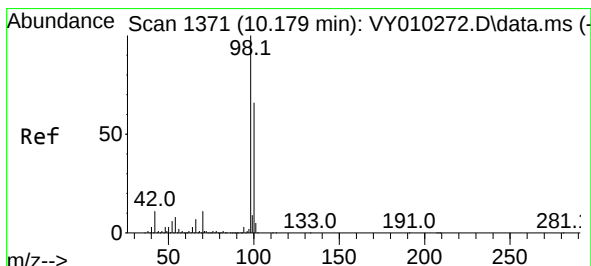
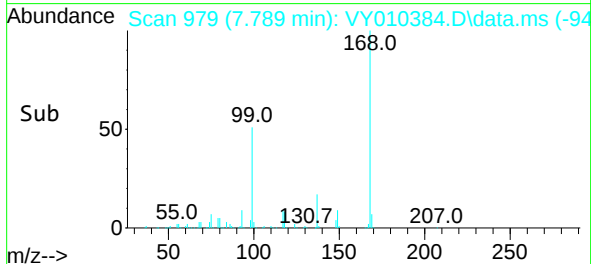
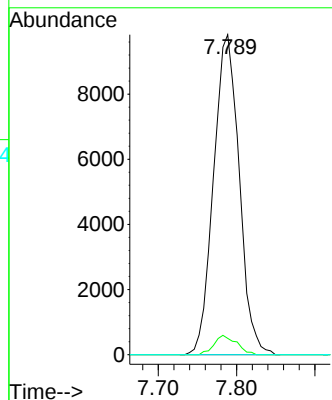
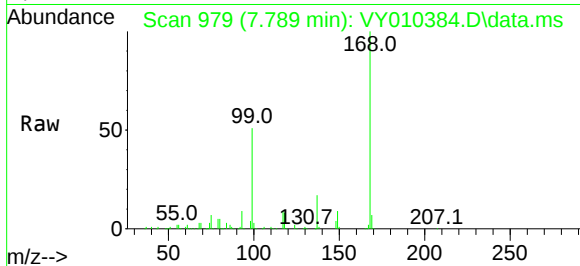




#38
Carbon Tetrachloride
Concen: 5.524 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010384.D
Acq: 08 Sep 2022 10:44

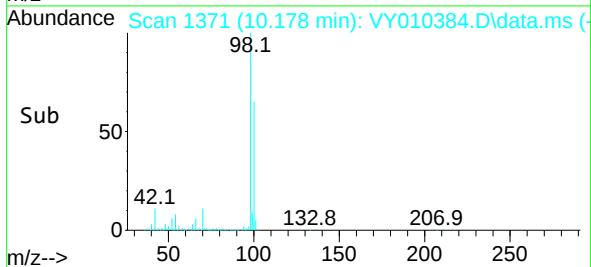
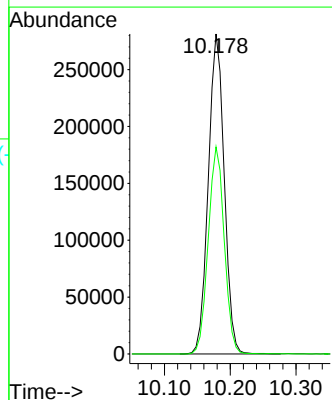
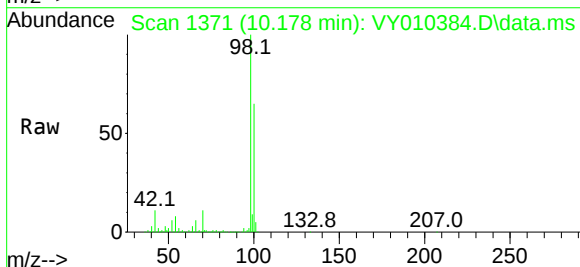
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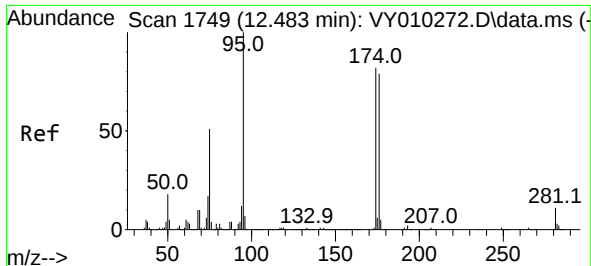
Tgt Ion:117 Resp: 22348
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.950 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY010384.D
Acq: 08 Sep 2022 10:44

Tgt Ion: 98 Resp: 474337
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

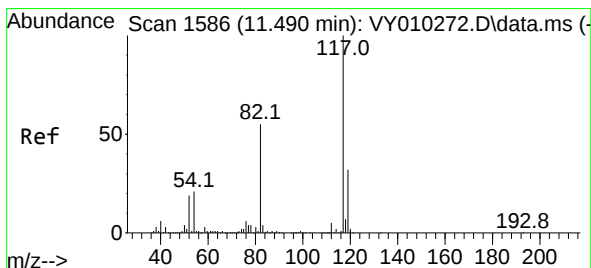
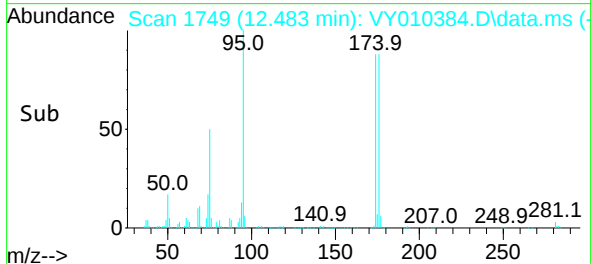
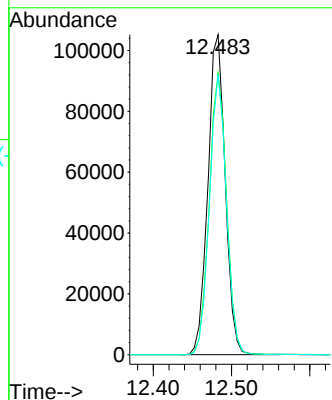
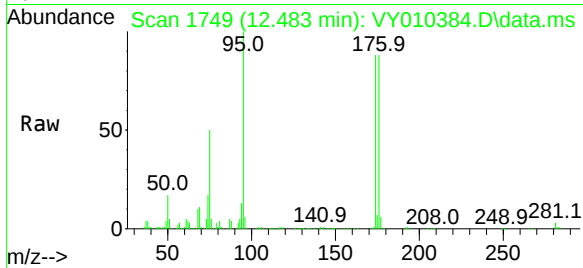




#62
4-Bromofluorobenzene
Concen: 44.258 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY010384.D
Acq: 08 Sep 2022 10:44

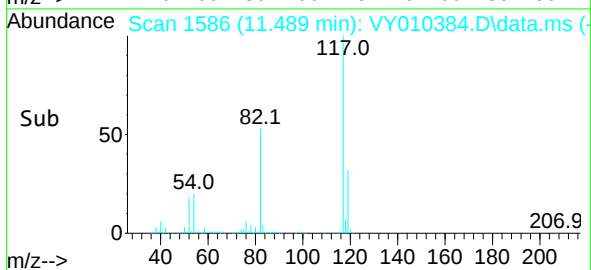
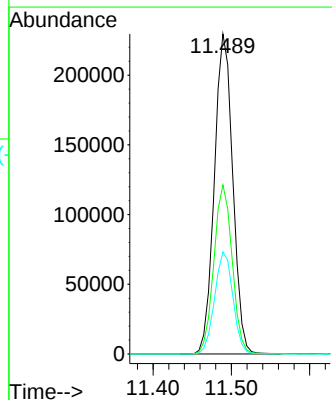
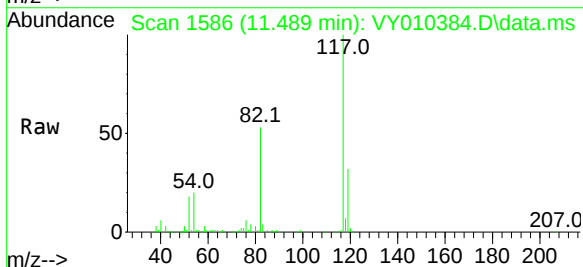
Instrument :
MSVOA_Y
ClientSampleId :
VY0908SBL01

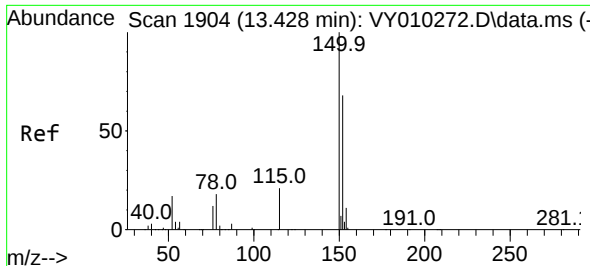
Tgt Ion: 95 Resp: 161379
Ion Ratio Lower Upper
95 100
174 88.2 0.0 177.0
176 85.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010384.D
Acq: 08 Sep 2022 10:44

Tgt Ion: 117 Resp: 375099
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.9 25.4 38.0

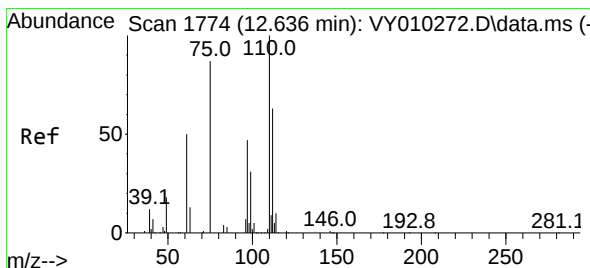
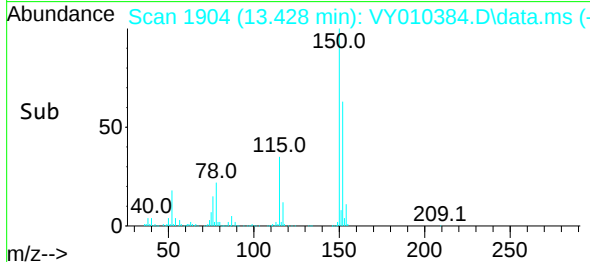
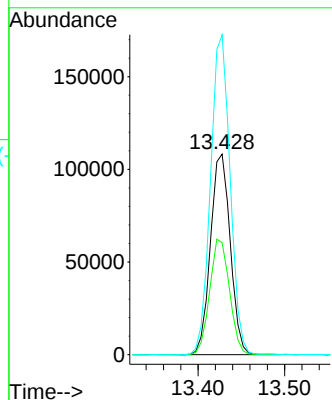
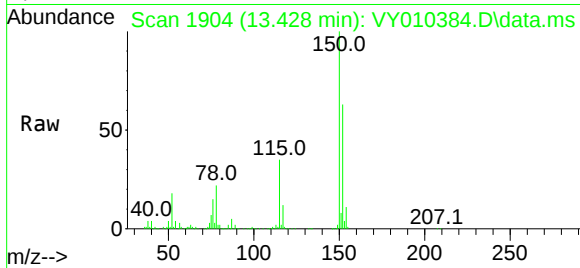




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY010384.D
 Acq: 08 Sep 2022 10:44

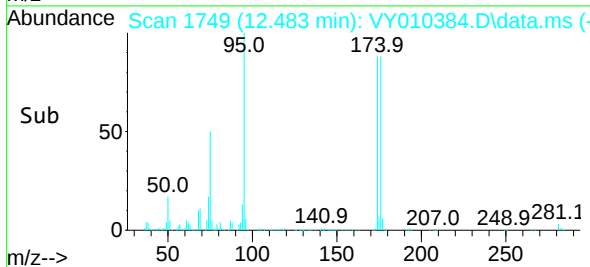
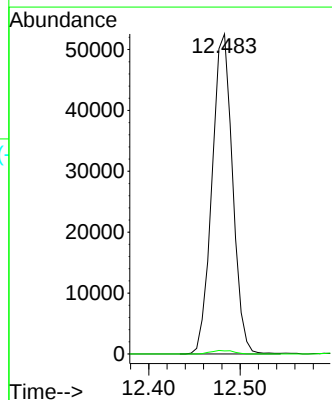
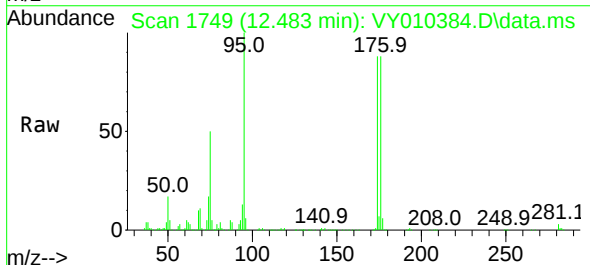
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0908SBL01

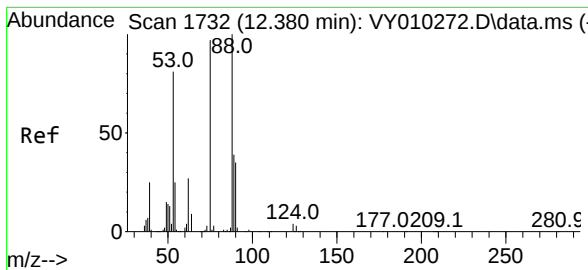
Tgt Ion:152 Resp: 172098
 Ion Ratio Lower Upper
 152 100
 115 57.6 28.2 84.7
 150 157.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.075 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY010384.D
 Acq: 08 Sep 2022 10:44

Tgt Ion: 75 Resp: 82075
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.601 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010384.D
 Acq: 08 Sep 2022 10:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0908SBL01

Tgt Ion:	75	Resp:	82075
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

