

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006480.D
 Acq On : 26 Oct 2021 14:49
 Operator : SY/MD
 Sample : M4332-13
 Misc : 6.12G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 05:26:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

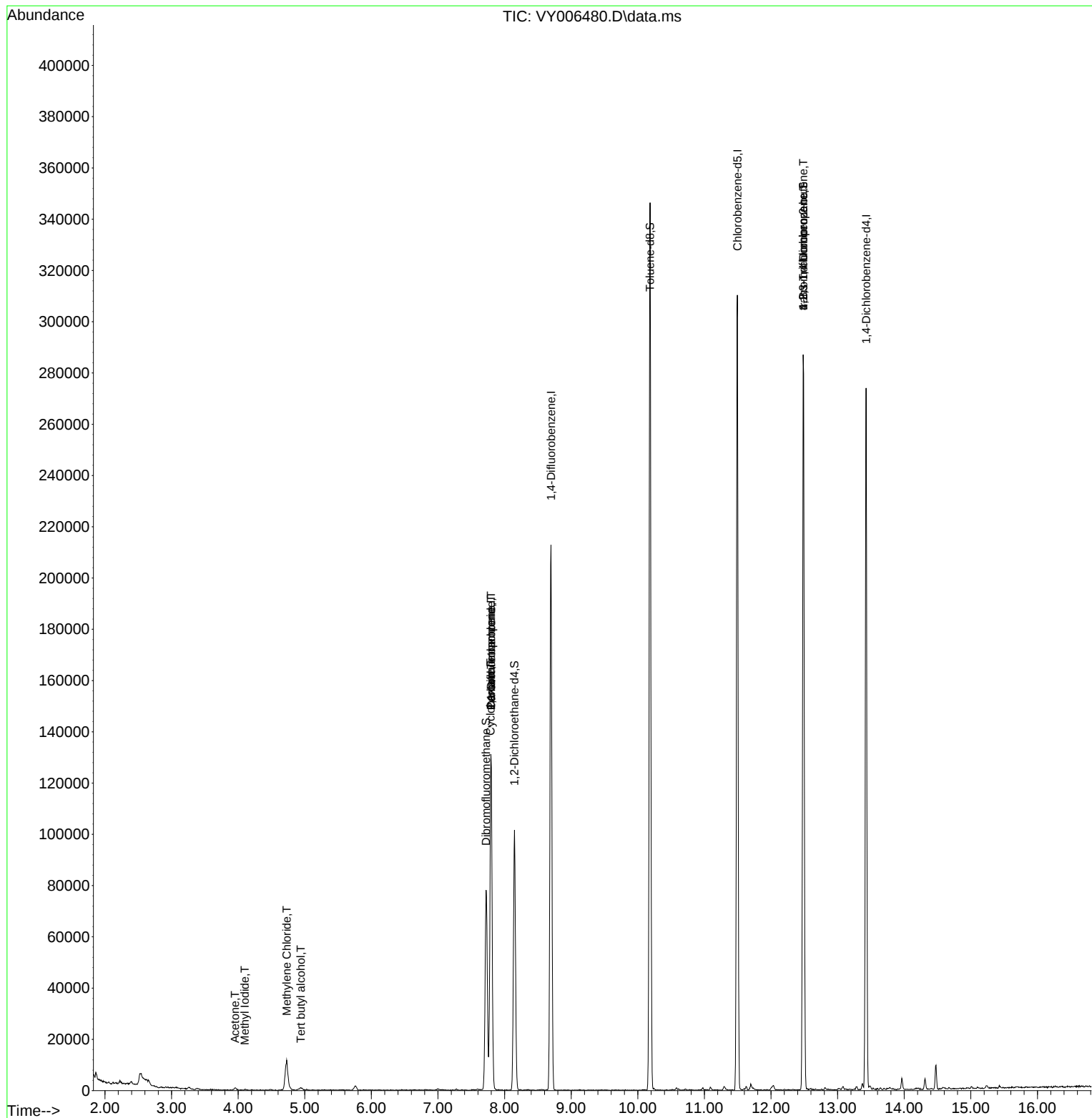
Internal Standards						
1) Pentafluorobenzene	7.795	168	102311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	170117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	156424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	80961	64.306	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.620%	
35) Dibromofluoromethane	7.722	113	51171	53.967	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.940%	
50) Toluene-d8	10.185	98	215335	53.573	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.140%	
62) 4-Bromofluorobenzene	12.483	95	64527	47.656	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.320%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.100	142	191	5.230	ug/l #	87
11) Tert butyl alcohol	4.942	59	1355	11.847	ug/l #	72
16) Acetone	3.954	43	1412	3.895	ug/l #	74
20) Methylene Chloride	4.728	84	7564	2.929	ug/l	97
31) Cyclohexane	7.789	56	2443	1.199	ug/l #	29
36) 1,1-Dichloropropene	7.795	75	7976	4.745	ug/l #	51
38) Carbon Tetrachloride	7.795	117	10000	5.393	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	39376	58.273	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39376	119.633	ug/l #	7

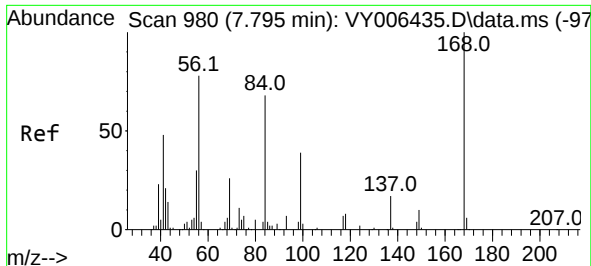
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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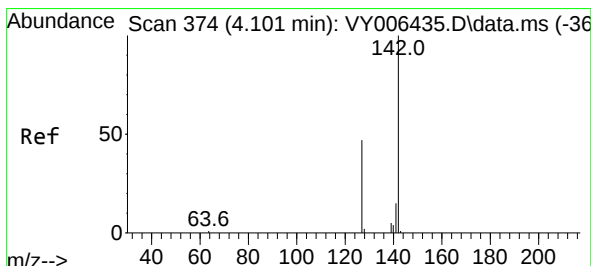
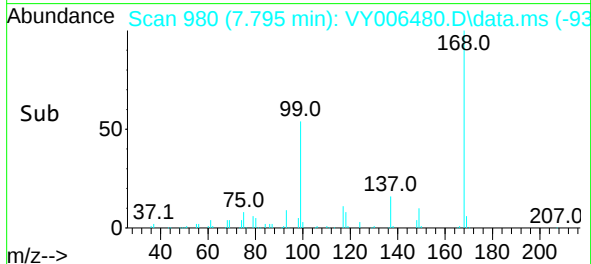
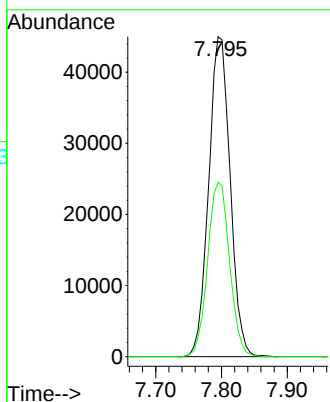
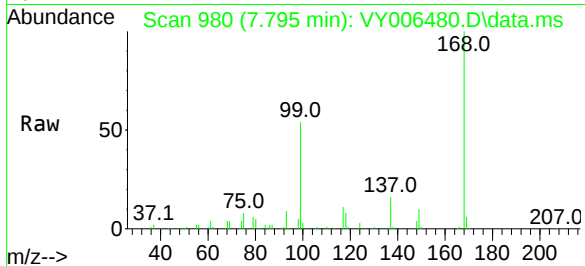




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006480.D
Acq: 26 Oct 2021 14:49

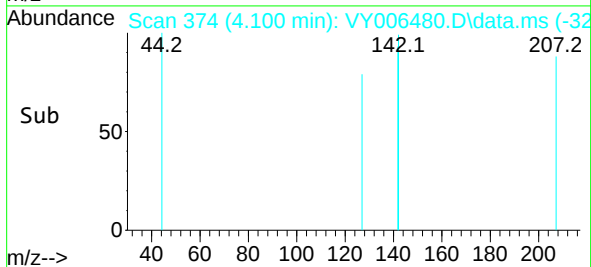
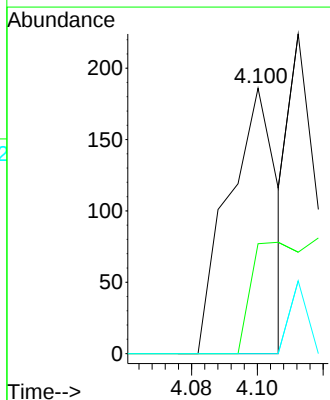
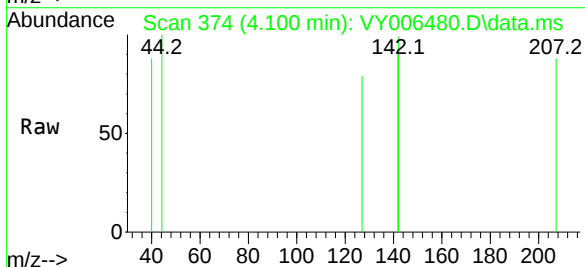
Instrument :
MSVOA_Y
ClientSampleId :

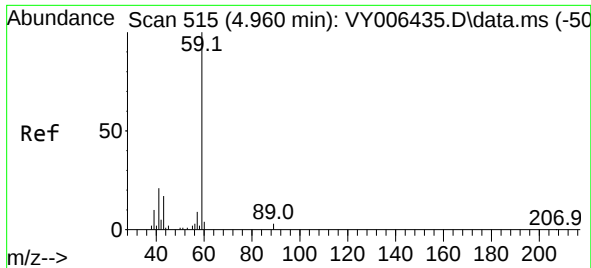
Tgt Ion:168 Resp: 102311
Ion Ratio Lower Upper
168 100
99 54.5 44.8 67.2



#10
Methyl Iodide
Concen: 5.230 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.001 min
Lab File: VY006480.D
Acq: 26 Oct 2021 14:49

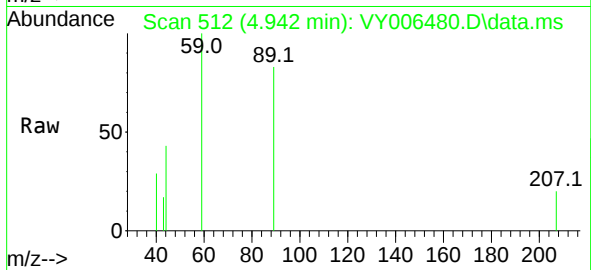
Tgt Ion:142 Resp: 191
Ion Ratio Lower Upper
142 100
127 58.6 40.1 60.1
141 9.9 12.5 18.7#



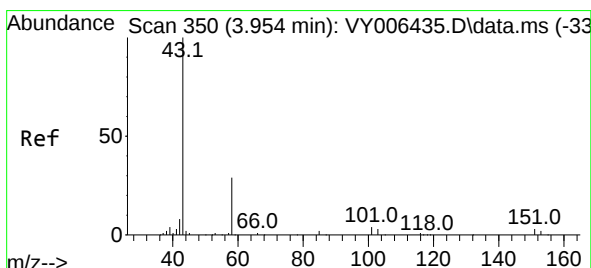
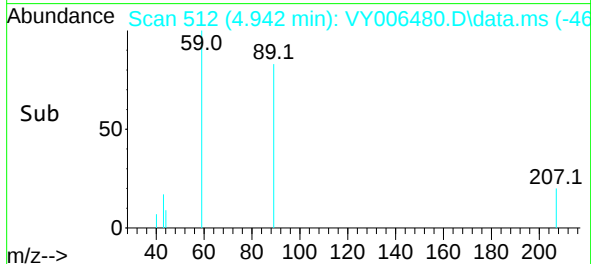
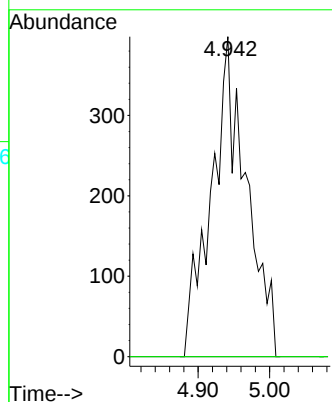


#11
Tert butyl alcohol
Concen: 11.847 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.019 min
Lab File: VY006480.D
Acq: 26 Oct 2021 14:49

Instrument :
MSVOA_Y
ClientSampleId :

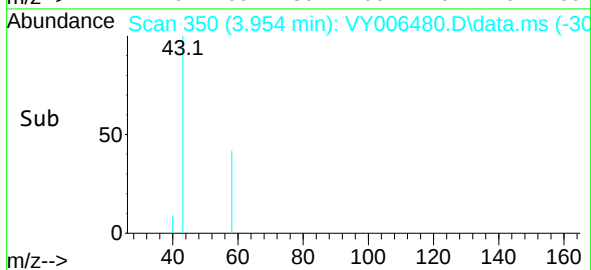
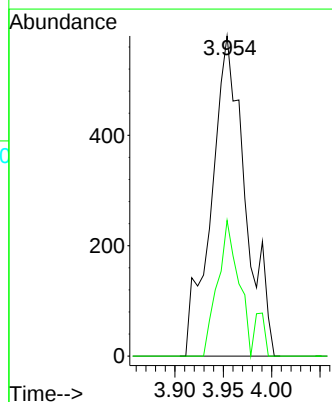
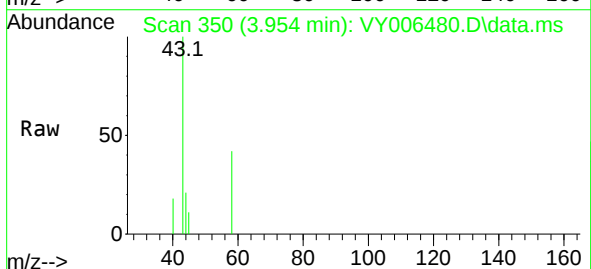


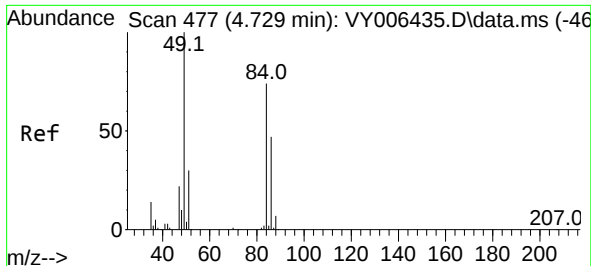
Tgt Ion: 59 Resp: 1355
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 3.895 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006480.D
Acq: 26 Oct 2021 14:49

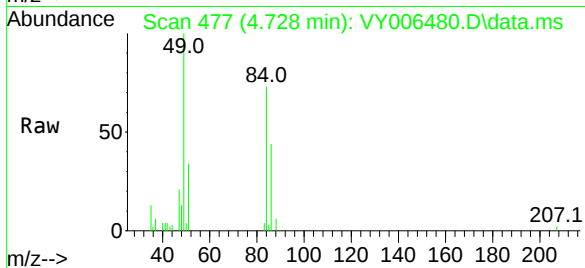
Tgt Ion: 43 Resp: 1412
Ion Ratio Lower Upper
43 100
58 42.4 22.9 34.3#



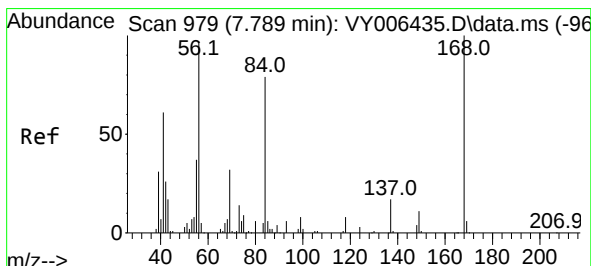
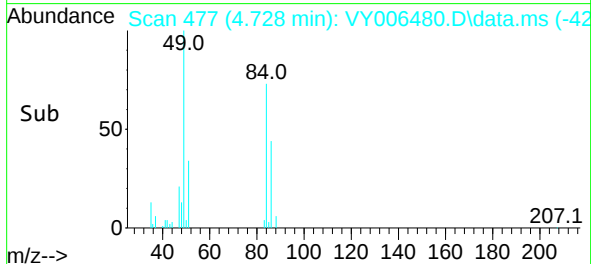
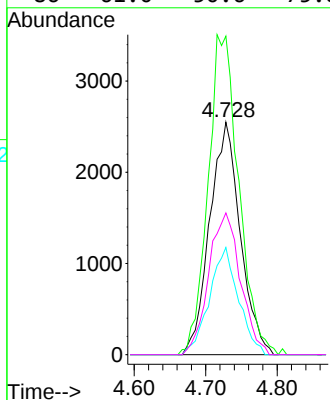


#20
Methylene Chloride
Concen: 2.929 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY006480.D
Acq: 26 Oct 2021 14:49

Instrument :
MSVOA_Y
ClientSampleId :

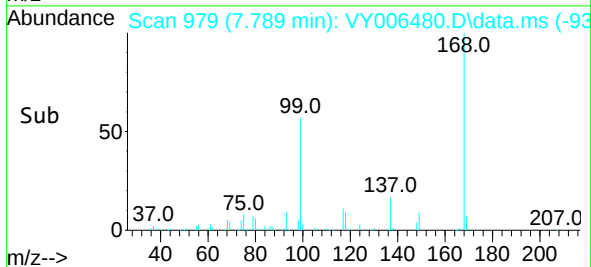
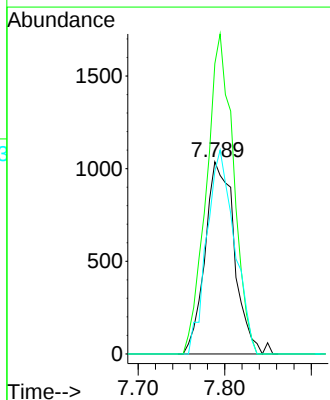
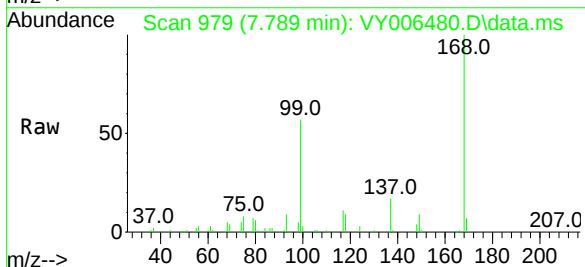


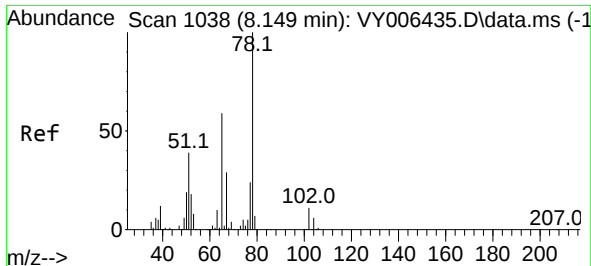
Tgt Ion:	84	Resp:	7564
Ion	Ratio	Lower	Upper
84	100		
49	137.0	107.8	161.8
51	46.1	32.8	49.2
86	61.0	50.6	75.8



#31
Cyclohexane
Concen: 1.199 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY006480.D
Acq: 26 Oct 2021 14:49

Tgt Ion:	56	Resp:	2443
Ion	Ratio	Lower	Upper
56	100		
69	151.0	26.6	40.0#
84	95.0	65.0	97.4





#33

1,2-Dichloroethane-d4

Concen: 64.306 ug/l

RT: 8.148 min Scan# 1103

Delta R.T. -0.000 min

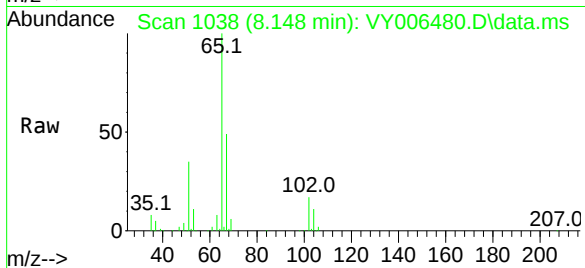
Lab File: VY006480.D

Acq: 26 Oct 2021 14:49

Instrument :

MSVOA_Y

ClientSampleId :

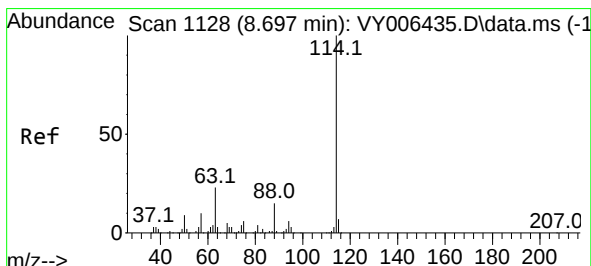
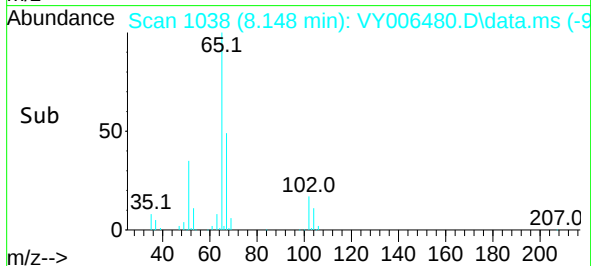
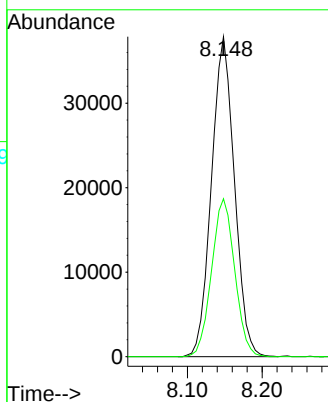


Tgt Ion: 65 Resp: 80961

Ion Ratio Lower Upper

65 100

67 49.7 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006480.D

Acq: 26 Oct 2021 14:49

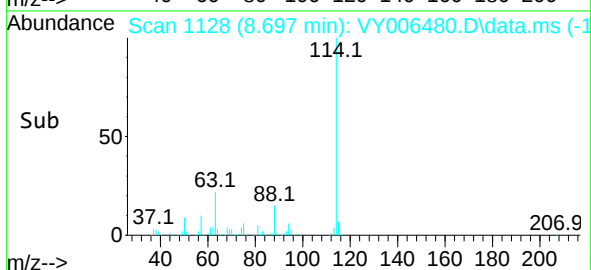
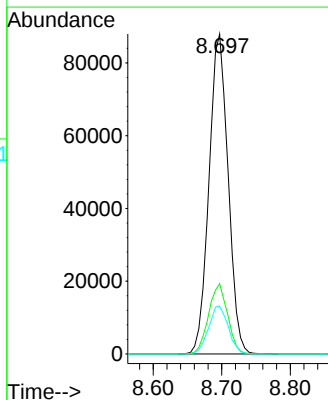
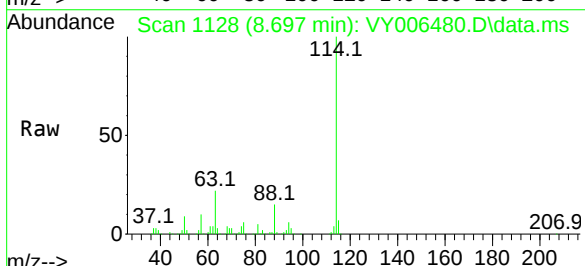
Tgt Ion: 114 Resp: 170117

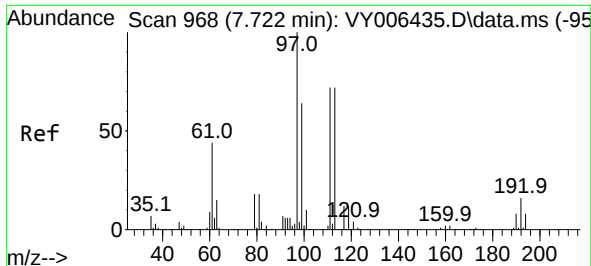
Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.0

88 14.9 0.0 30.6

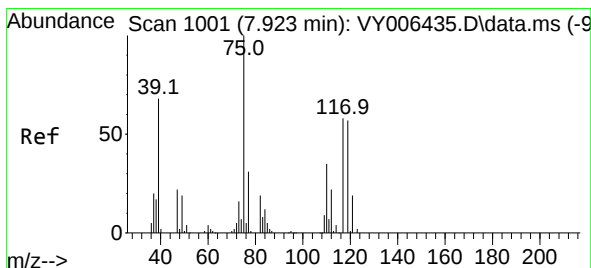
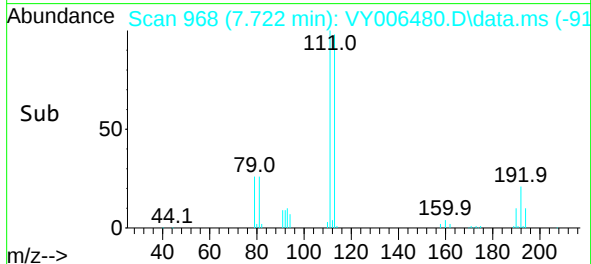
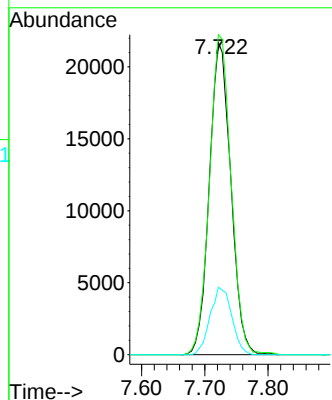
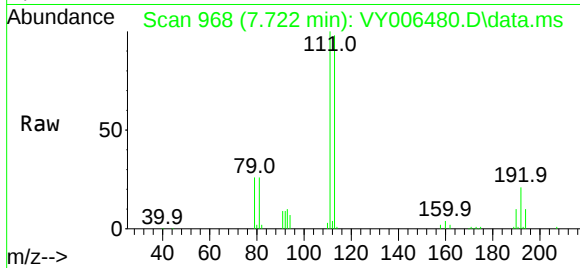




#35
Dibromofluoromethane
Concen: 53.967 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY006480.D
Acq: 26 Oct 2021 14:49

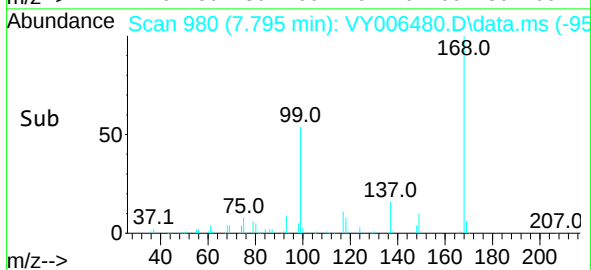
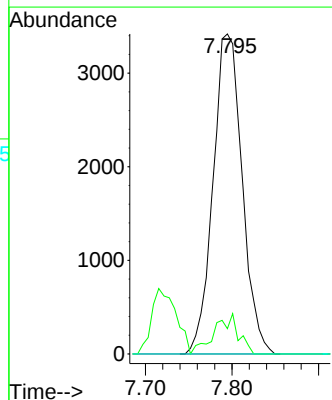
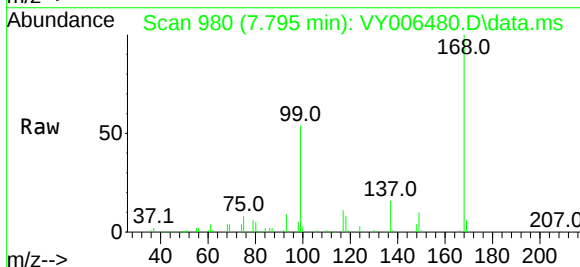
Instrument :
MSVOA_Y
ClientSampleId :

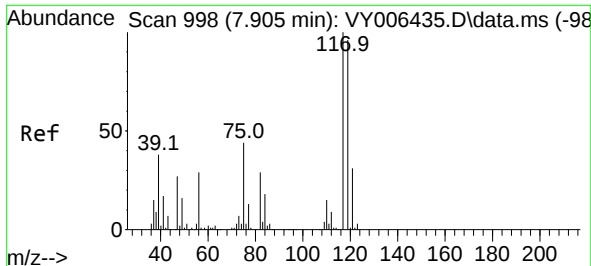
Tgt Ion:113 Resp: 51171
Ion Ratio Lower Upper
113 100
111 103.2 82.3 123.5
192 21.7 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.745 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006480.D
Acq: 26 Oct 2021 14:49

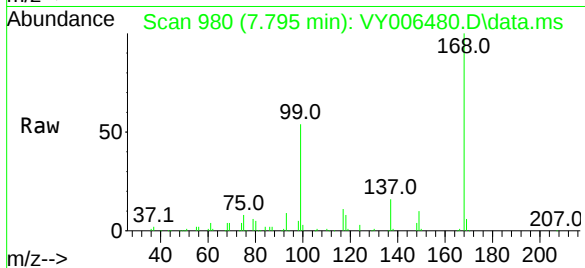
Tgt Ion: 75 Resp: 7976
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.3#
77 0.0 24.9 37.3#



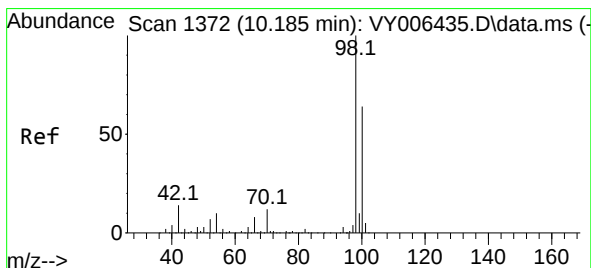
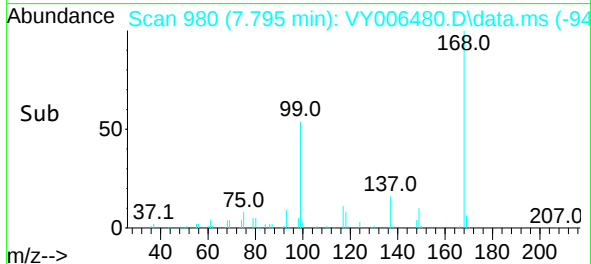
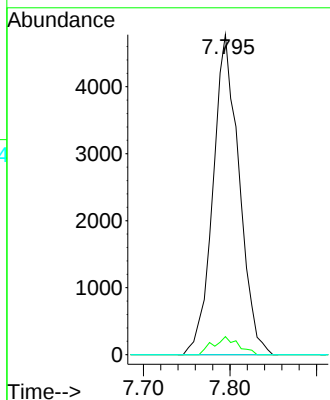


#38
Carbon Tetrachloride
Concen: 5.393 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006480.D
Acq: 26 Oct 2021 14:49

Instrument :
MSVOA_Y
ClientSampleId :

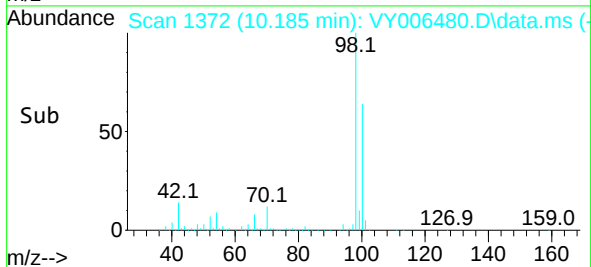
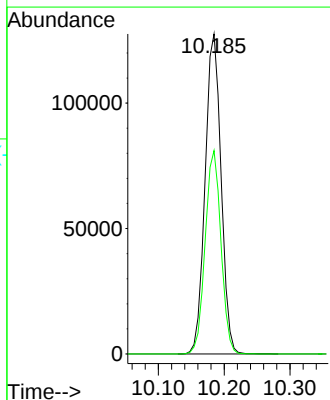
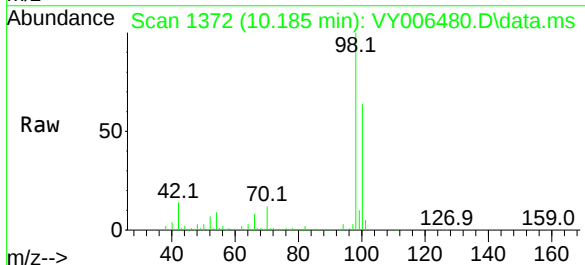


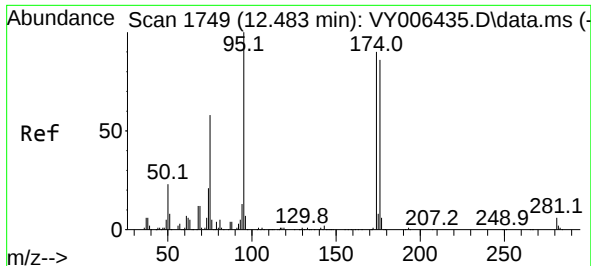
Tgt Ion:117 Resp: 10000
Ion Ratio Lower Upper
117 100
119 5.7 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.573 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006480.D
Acq: 26 Oct 2021 14:49

Tgt Ion: 98 Resp: 215335
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3

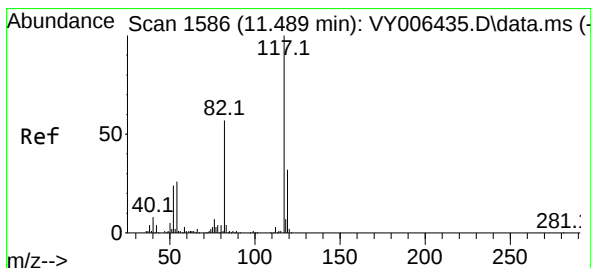
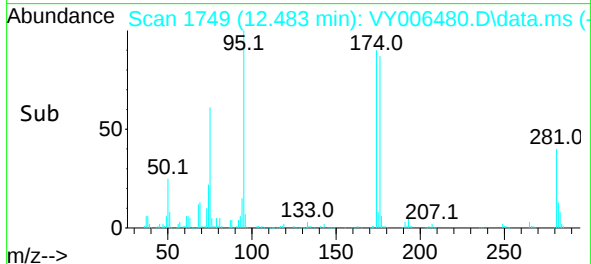
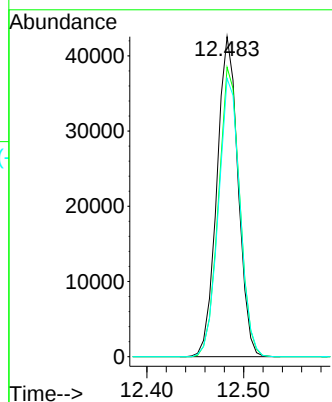
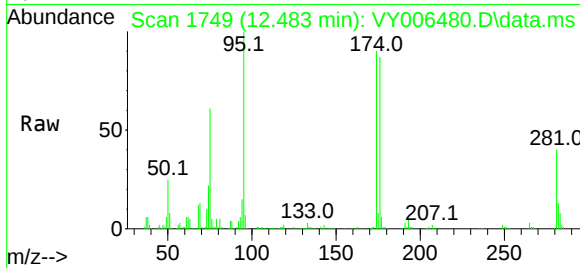




#62
4-Bromofluorobenzene
Concen: 47.656 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006480.D
Acq: 26 Oct 2021 14:49

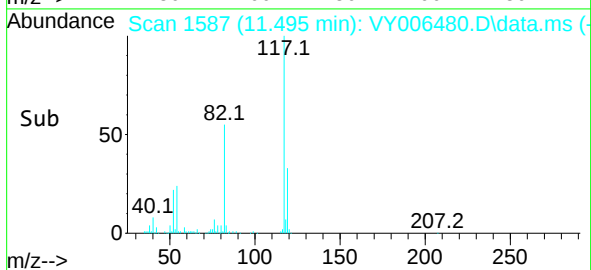
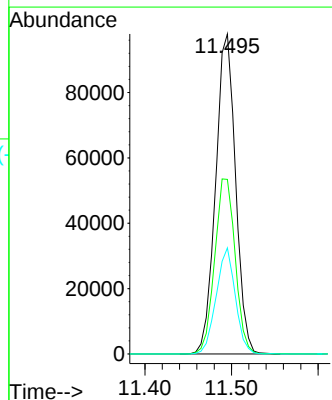
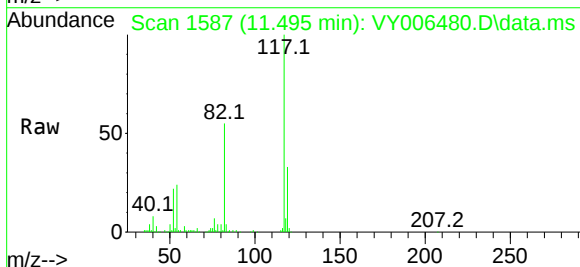
Instrument :
MSVOA_Y
ClientSampleId :

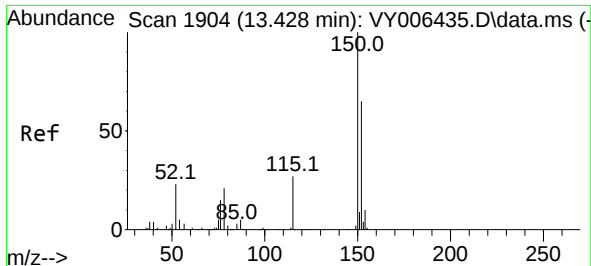
Tgt Ion: 95 Resp: 64527
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.0
176 88.1 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006480.D
Acq: 26 Oct 2021 14:49

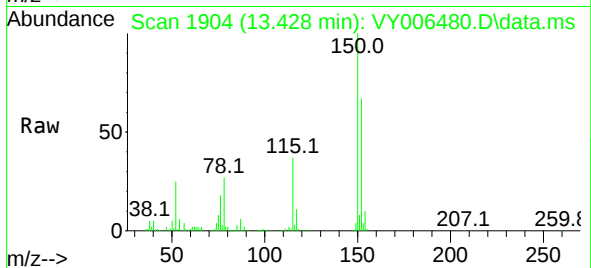
Tgt Ion: 117 Resp: 156424
Ion Ratio Lower Upper
117 100
82 54.6 45.7 68.5
119 33.2 25.5 38.3



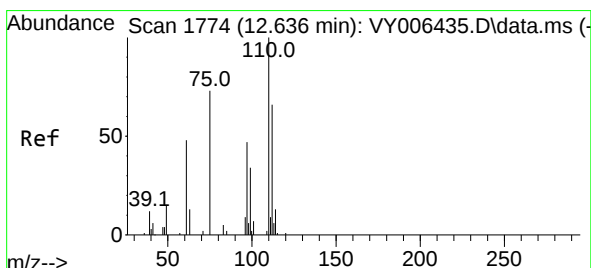
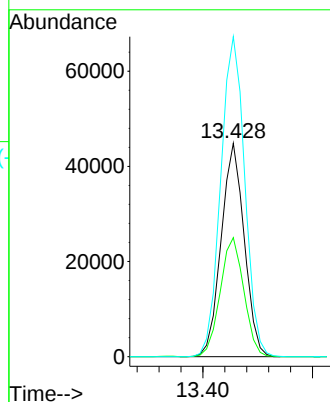
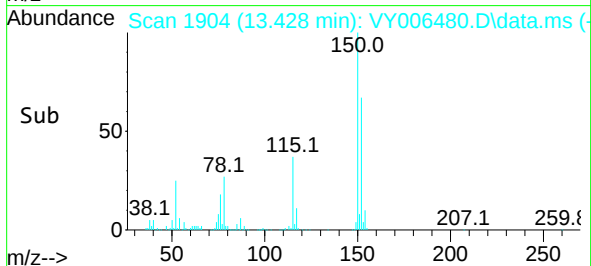


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006480.D
 Acq: 26 Oct 2021 14:49

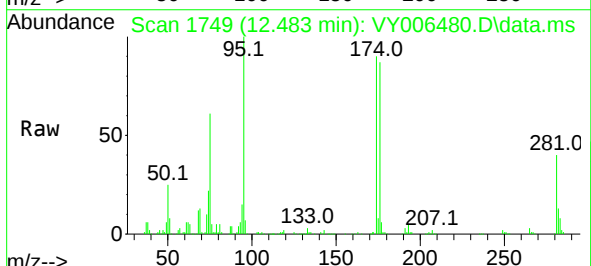
Instrument :
 MSVOA_Y
 ClientSampleId :



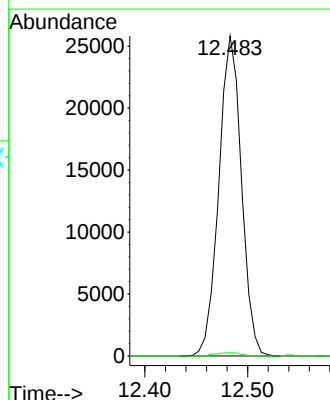
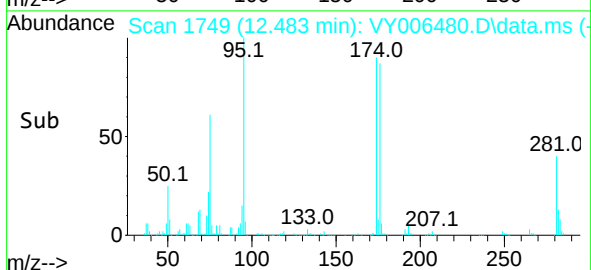
Tgt Ion:152 Resp: 65573
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.5 85.5
 150 155.8 0.0 348.2

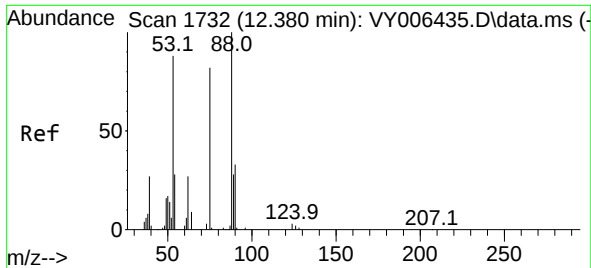


#76
 1,2,3-Trichloropropane
 Concen: 58.273 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY006480.D
 Acq: 26 Oct 2021 14:49



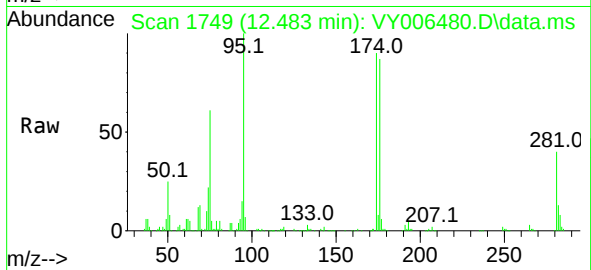
Tgt Ion: 75 Resp: 39376
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.633 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY006480.D
 Acq: 26 Oct 2021 14:49

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 39376
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.3 39.3 58.9#

