

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004808.D
 Acq On : 17 May 2021 16:52
 Operator : SY/MD
 Sample : M2413-03
 Misc : 6.80G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 01:06:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

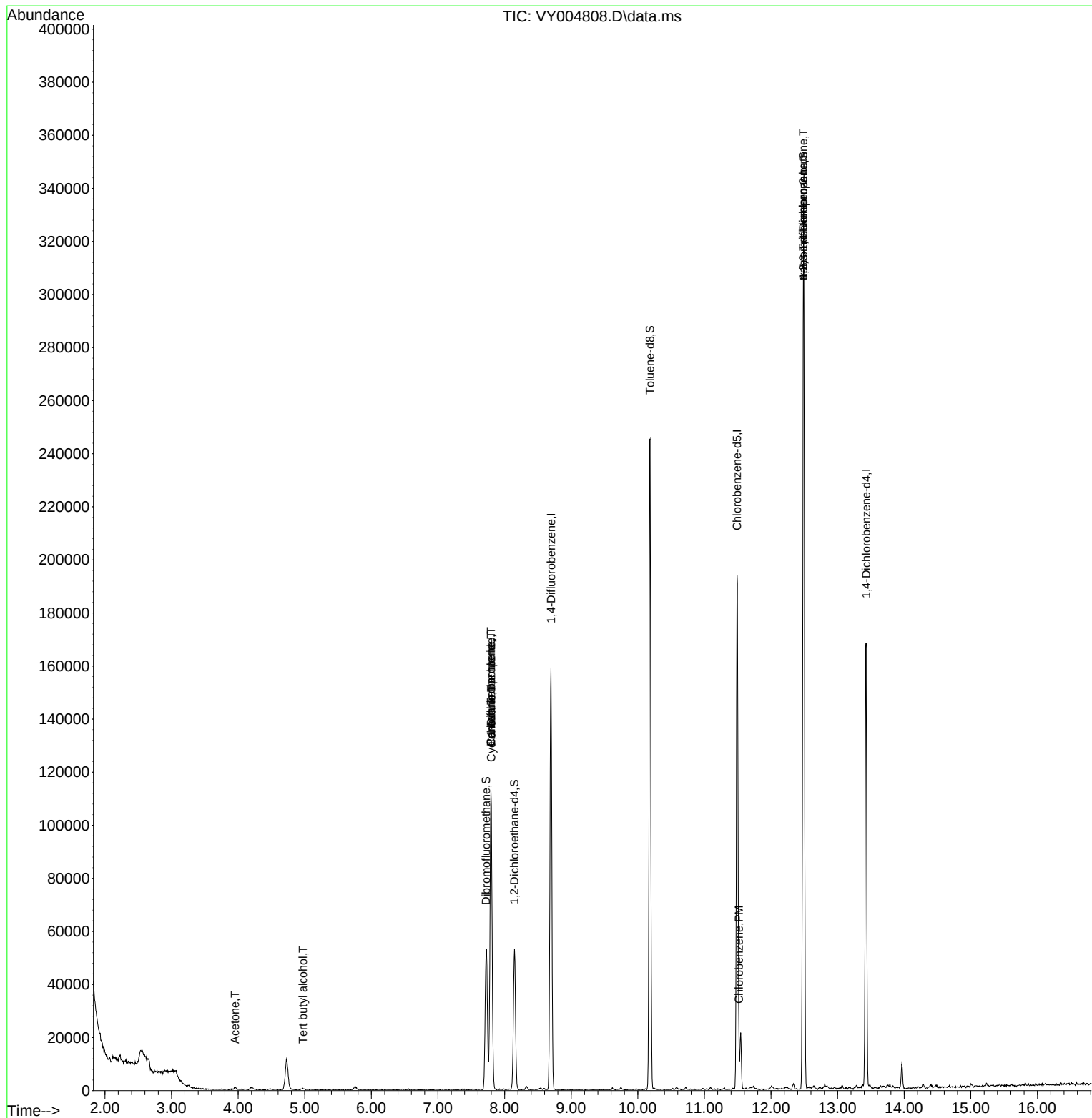
Internal Standards						
1) Pentafluorobenzene	7.795	168	82970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	129314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	101623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	42232	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	41652	42.17	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.34%
35) Dibromofluoromethane	7.722	113	37268	52.64	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.28%
50) Toluene-d8	10.185	98	154272	48.24	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.48%
62) 4-Bromofluorobenzene	12.483	95	41399	38.36	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.72%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	766	7.72	ug/l #	78
16) Acetone	3.954	43	1295	5.84	ug/l	94
20) Methylene Chloride	4.722	84	7858	Below Cal		87
31) Cyclohexane	7.801	56	2203	1.38	ug/l #	9
36) 1,1-Dichloropropene	7.795	75	7262	5.48	ug/l #	49
38) Carbon Tetrachloride	7.795	117	8624	7.24	ug/l #	16
65) Chlorobenzene	11.520	112	4421	2.11	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	25572	57.01	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	25572	98.85	ug/l #	14

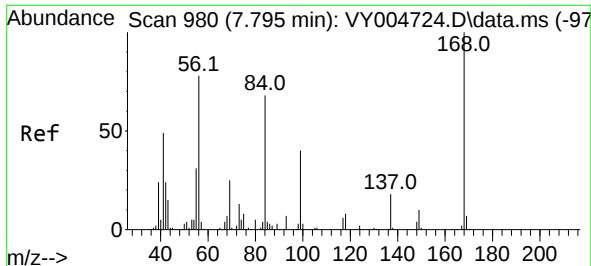
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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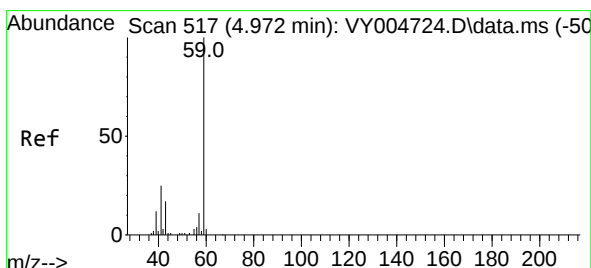
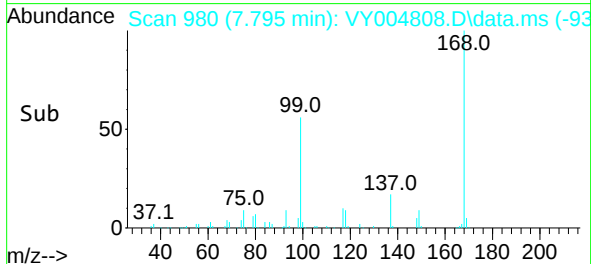
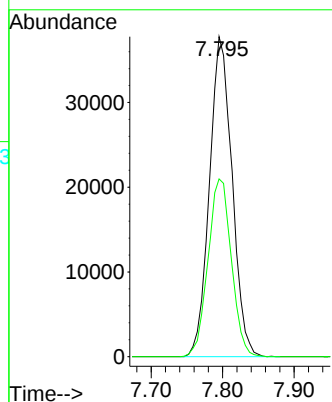
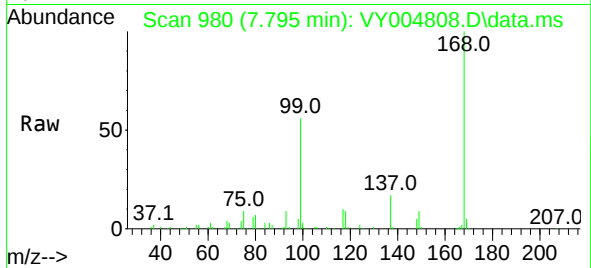




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004808.D
Acq: 17 May 2021 16:52

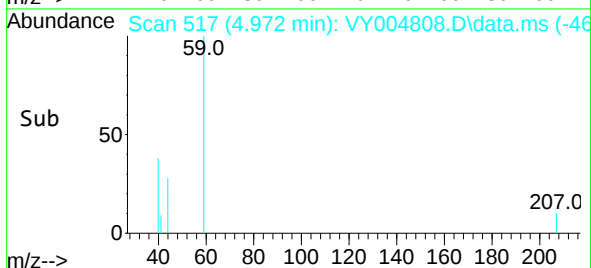
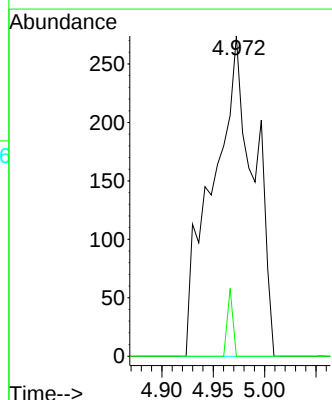
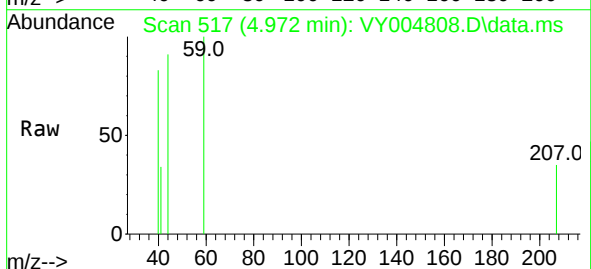
Instrument :
MSVOA_Y
ClientSampled :

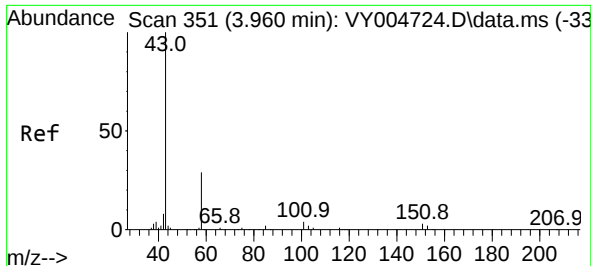
Tgt Ion:168 Resp: 82970
Ion Ratio Lower Upper
168 100
99 55.6 45.6 68.4



#11
Tert butyl alcohol
Concen: 7.72 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY004808.D
Acq: 17 May 2021 16:52

Tgt Ion: 59 Resp: 766
Ion Ratio Lower Upper
59 100
57 2.7 8.7 13.1#

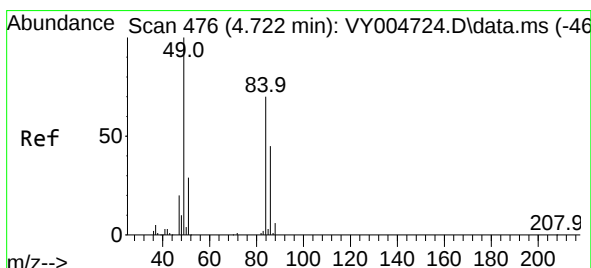
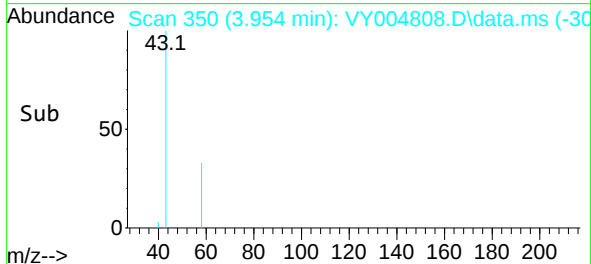
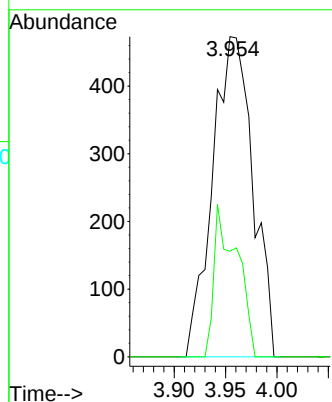
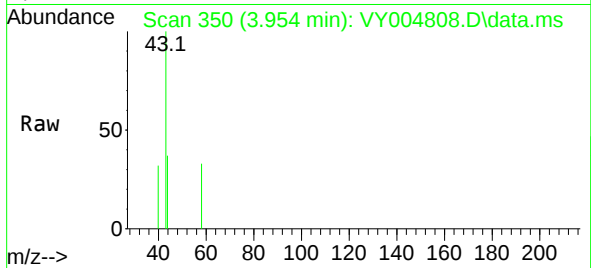




#16
Acetone
Concen: 5.84 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004808.D
Acq: 17 May 2021 16:52

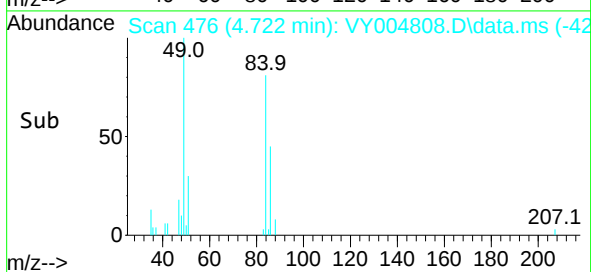
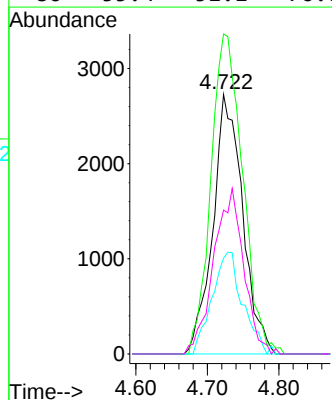
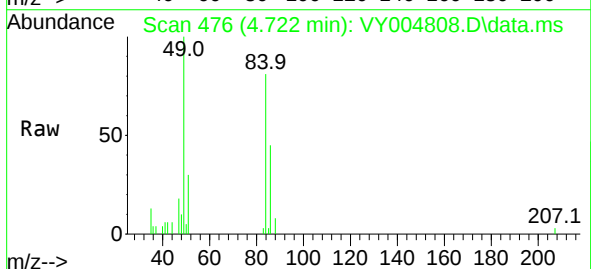
Instrument :
MSVOA_Y
ClientSampled :

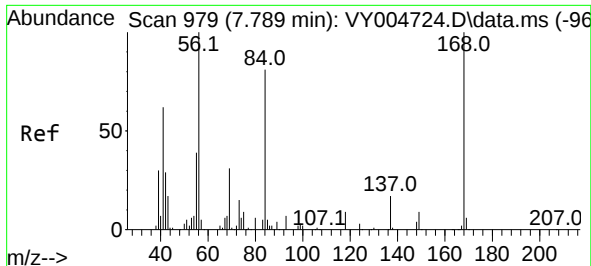
Tgt Ion: 43 Resp: 1295
Ion Ratio Lower Upper
43 100
58 33.0 23.6 35.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY004808.D
Acq: 17 May 2021 16:52

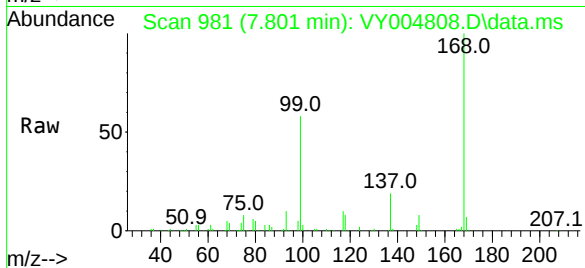
Tgt Ion: 84 Resp: 7858
Ion Ratio Lower Upper
84 100
49 123.3 113.8 170.8
51 37.0 33.5 50.3
86 55.4 51.1 76.7



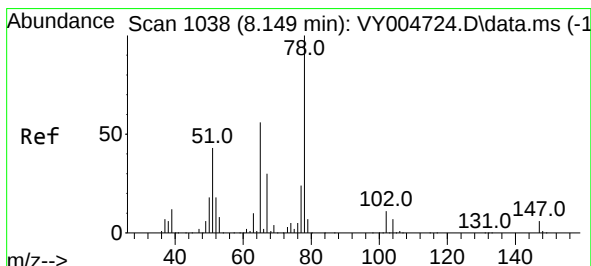
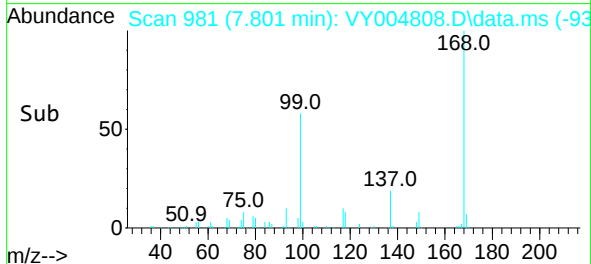
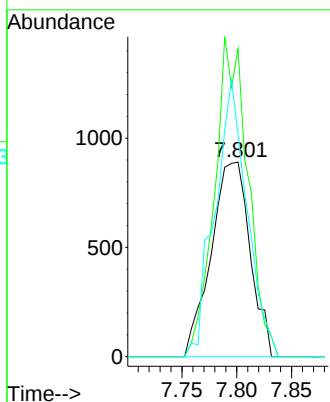


#31
Cyclohexane
Concen: 1.38 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004808.D
Acq: 17 May 2021 16:52

Instrument :
MSVOA_Y
ClientSampled :

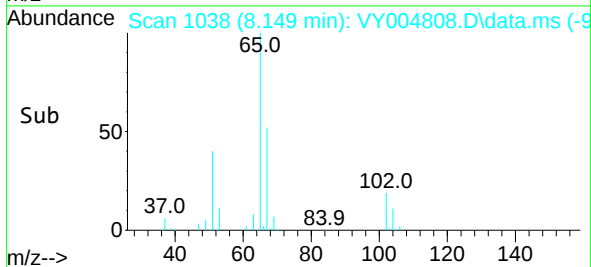
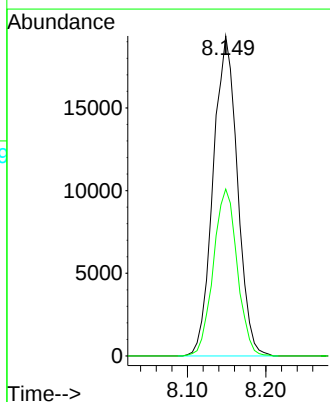
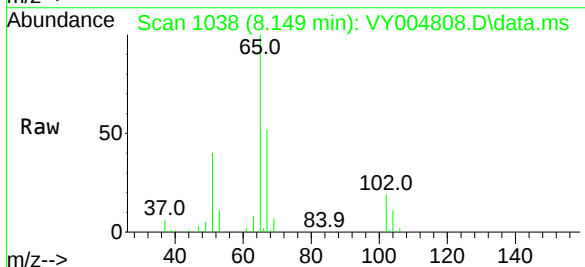


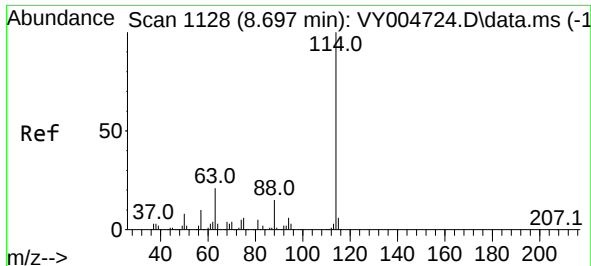
Tgt Ion: 56 Resp: 2203
Ion Ratio Lower Upper
56 100
69 158.2 24.4 36.6#
84 114.0 64.8 97.2#



#33
1,2-Dichloroethane-d4
Concen: 42.17 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004808.D
Acq: 17 May 2021 16:52

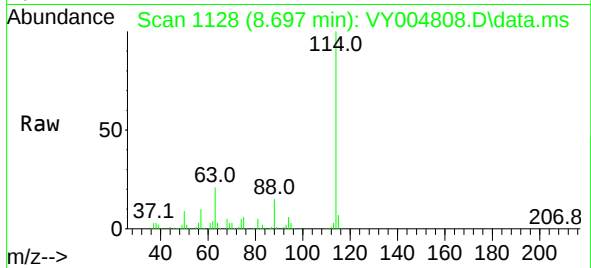
Tgt Ion: 65 Resp: 41652
Ion Ratio Lower Upper
65 100
67 51.3 0.0 108.0



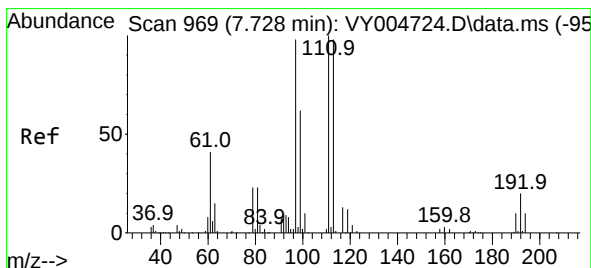
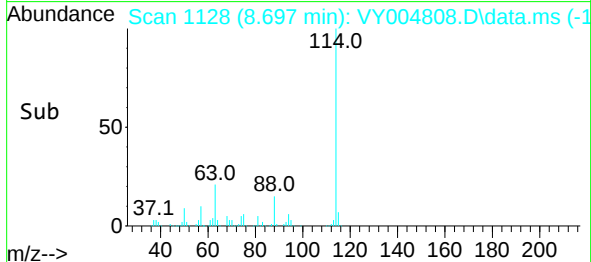
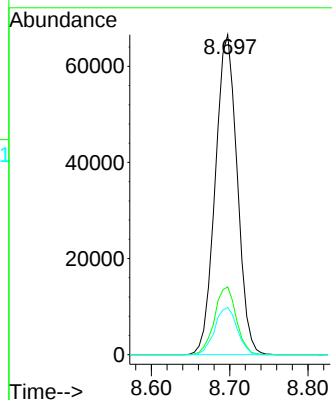


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004808.D
Acq: 17 May 2021 16:52

Instrument :
MSVOA_Y
ClientSampled :

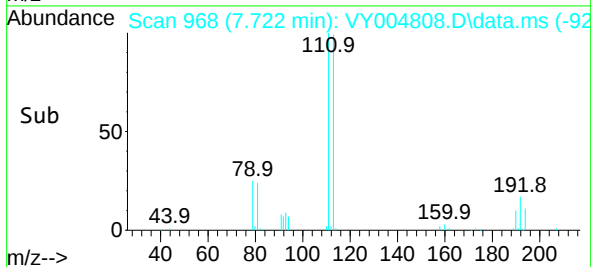
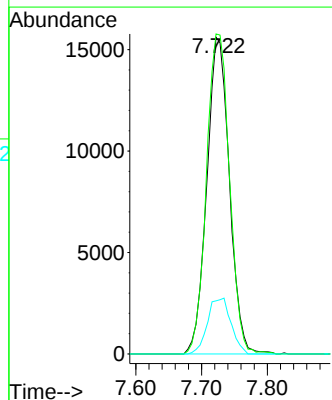
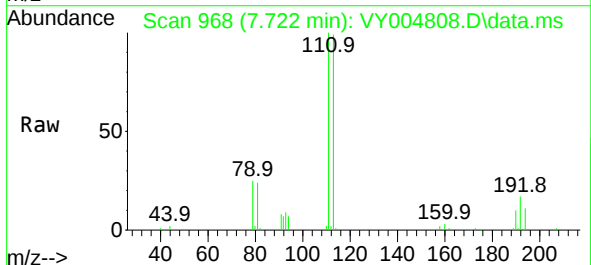


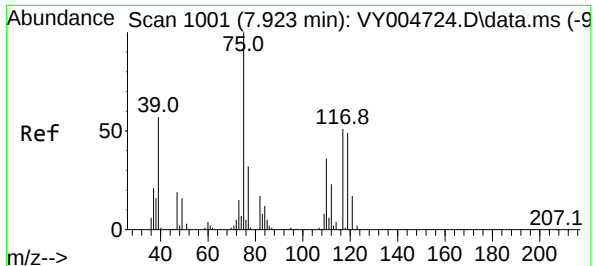
Tgt Ion:114 Resp: 129314
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.8
88 14.8 0.0 31.0



#35
Dibromofluoromethane
Concen: 52.64 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004808.D
Acq: 17 May 2021 16:52

Tgt Ion:113 Resp: 37268
Ion Ratio Lower Upper
113 100
111 103.1 80.5 120.7
192 18.3 15.0 22.6





#36

1,1-Dichloropropene

Concen: 5.48 ug/l

RT: 7.795 min Scan# 980

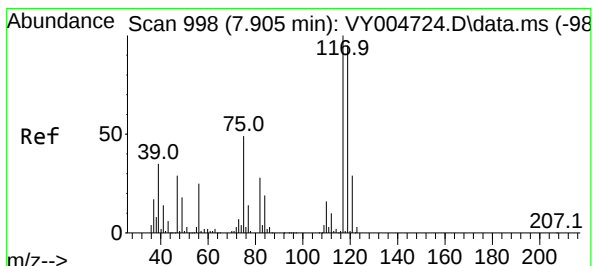
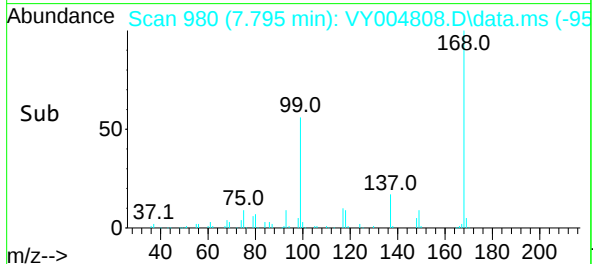
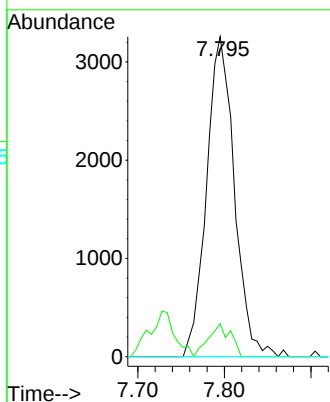
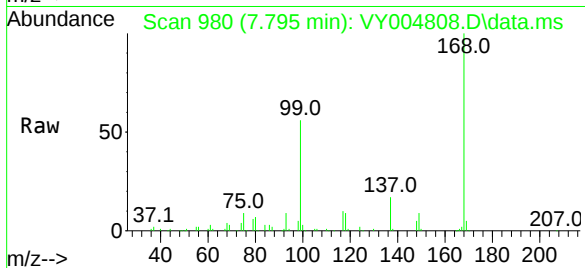
Delta R.T. -0.128 min

Lab File: VY004808.D

Acq: 17 May 2021 16:52

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75	Resp: 7262
Ion Ratio	Lower Upper
75 100	
110 8.2	17.0 50.9#
77 0.0	25.0 37.4#



#38

Carbon Tetrachloride

Concen: 7.24 ug/l

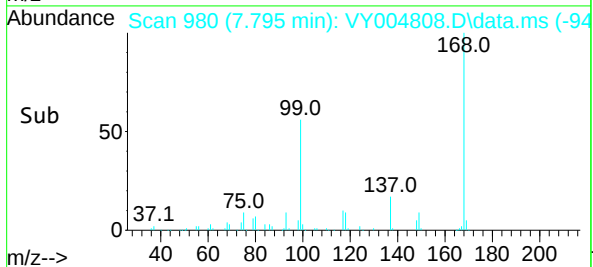
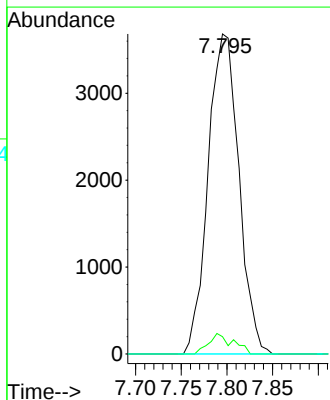
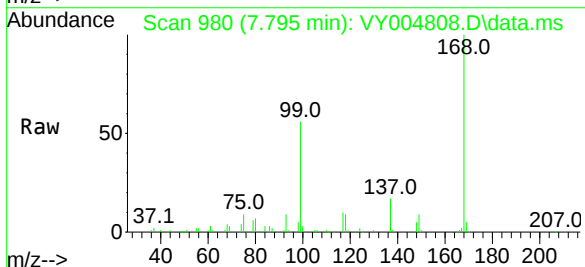
RT: 7.795 min Scan# 980

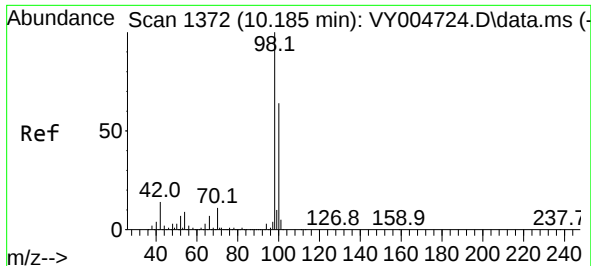
Delta R.T. -0.110 min

Lab File: VY004808.D

Acq: 17 May 2021 16:52

Tgt Ion: 117	Resp: 8624
Ion Ratio	Lower Upper
117 100	
119 5.4	76.3 114.5#
121 0.0	23.0 34.6#

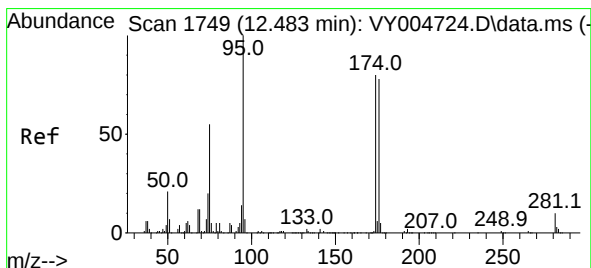
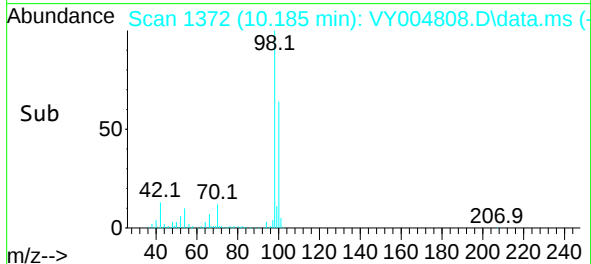
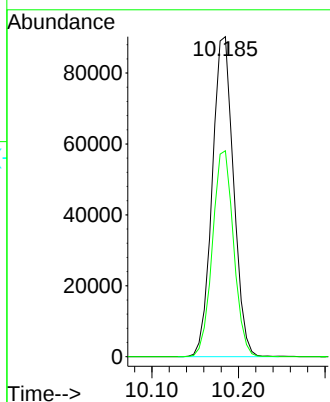
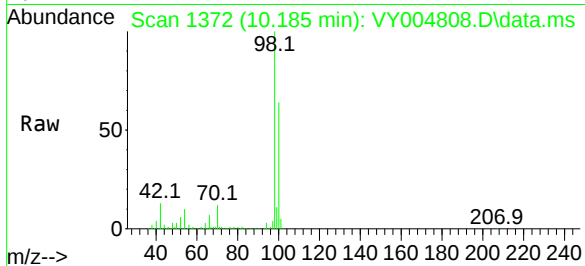




#50
Toluene-d8
Concen: 48.24 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004808.D
Acq: 17 May 2021 16:52

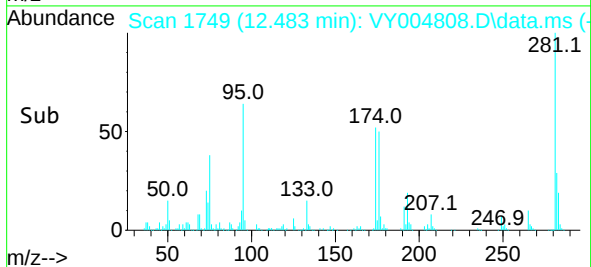
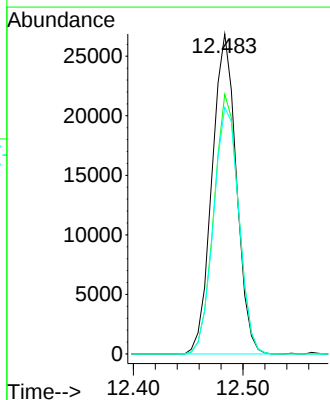
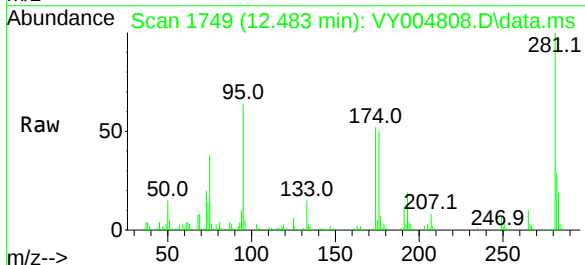
Instrument :
MSVOA_Y
ClientSampled :

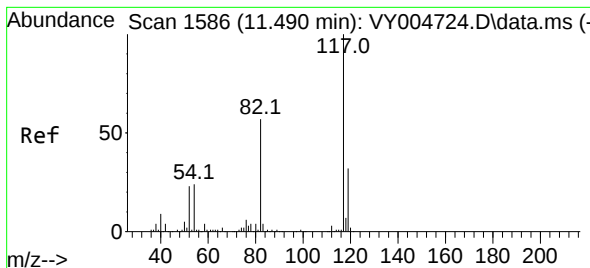
Tgt Ion: 98 Resp: 154272
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 38.36 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004808.D
Acq: 17 May 2021 16:52

Tgt Ion: 95 Resp: 41399
Ion Ratio Lower Upper
95 100
174 82.4 0.0 164.2
176 80.5 0.0 159.0

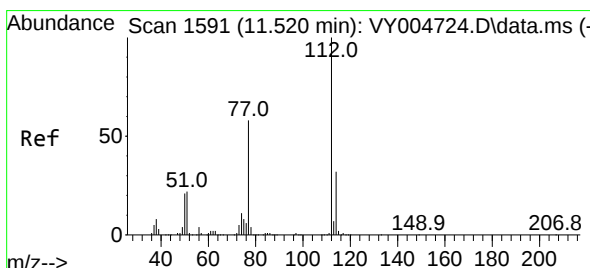
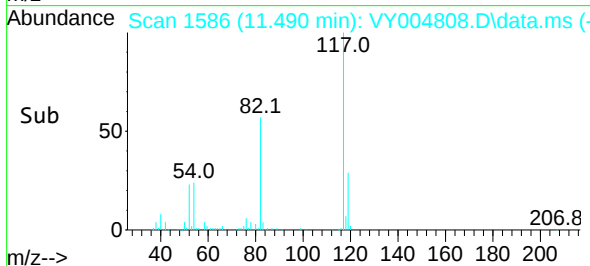
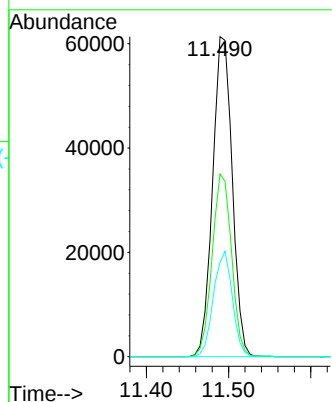
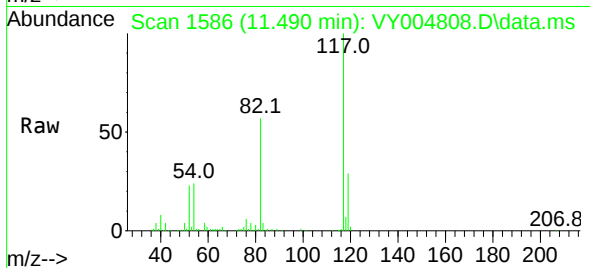




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY004808.D
Acq: 17 May 2021 16:52

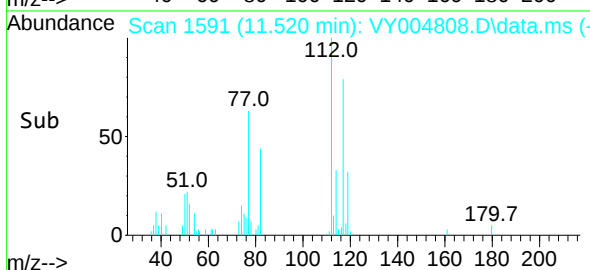
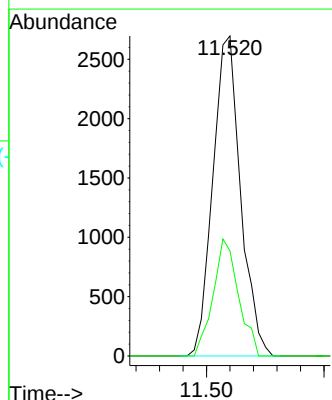
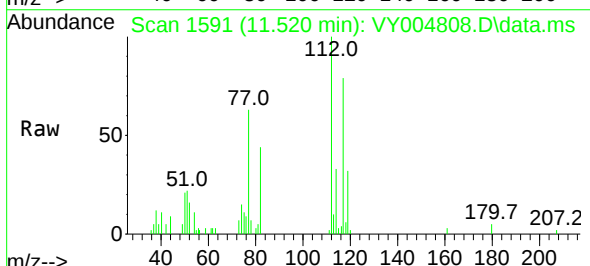
Instrument :
MSVOA_Y
ClientSampled :

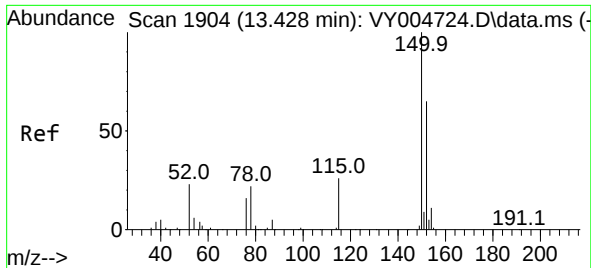
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.1	45.4	68.2
119	29.5	25.8	38.6



#65
Chlorobenzene
Concen: 2.11 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY004808.D
Acq: 17 May 2021 16:52

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.4	38.2

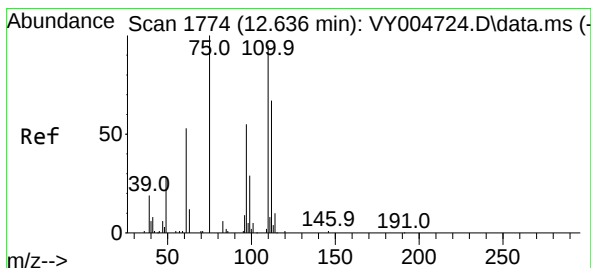
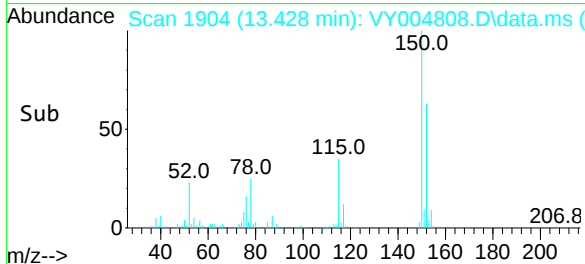
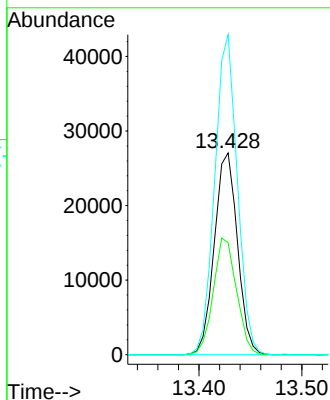
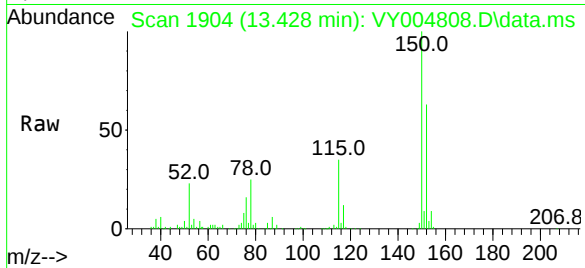




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004808.D
 Acq: 17 May 2021 16:52

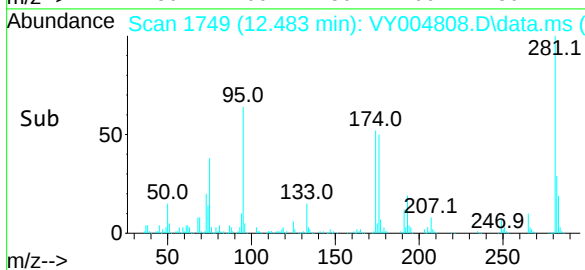
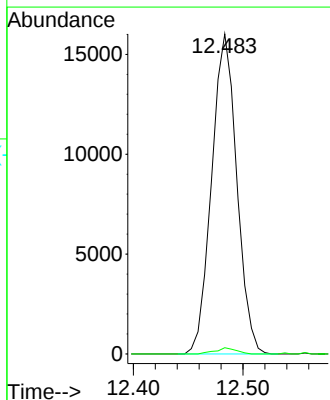
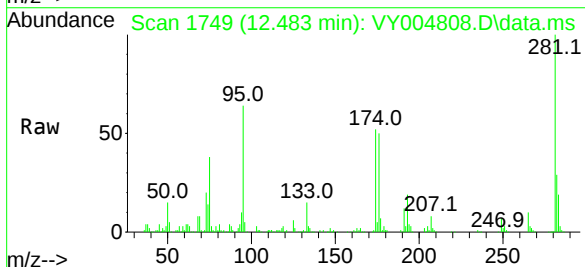
Instrument :
 MSVOA_Y
 ClientSampled :

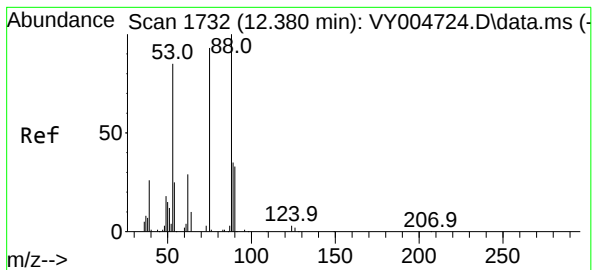
Tgt Ion:152 Resp: 42232
 Ion Ratio Lower Upper
 152 100
 115 58.0 29.4 88.3
 150 154.8 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 57.01 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004808.D
 Acq: 17 May 2021 16:52

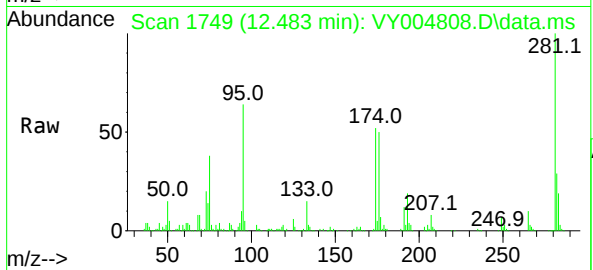
Tgt Ion: 75 Resp: 25572
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.85 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004808.D
 Acq: 17 May 2021 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	25572
Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.9	110.9#
89	3.3	35.5	53.3#

