

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004807.D
 Acq On : 17 May 2021 16:29
 Operator : SY/MD
 Sample : M2415-01
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124042

Quant Time: May 18 01:06:03 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)

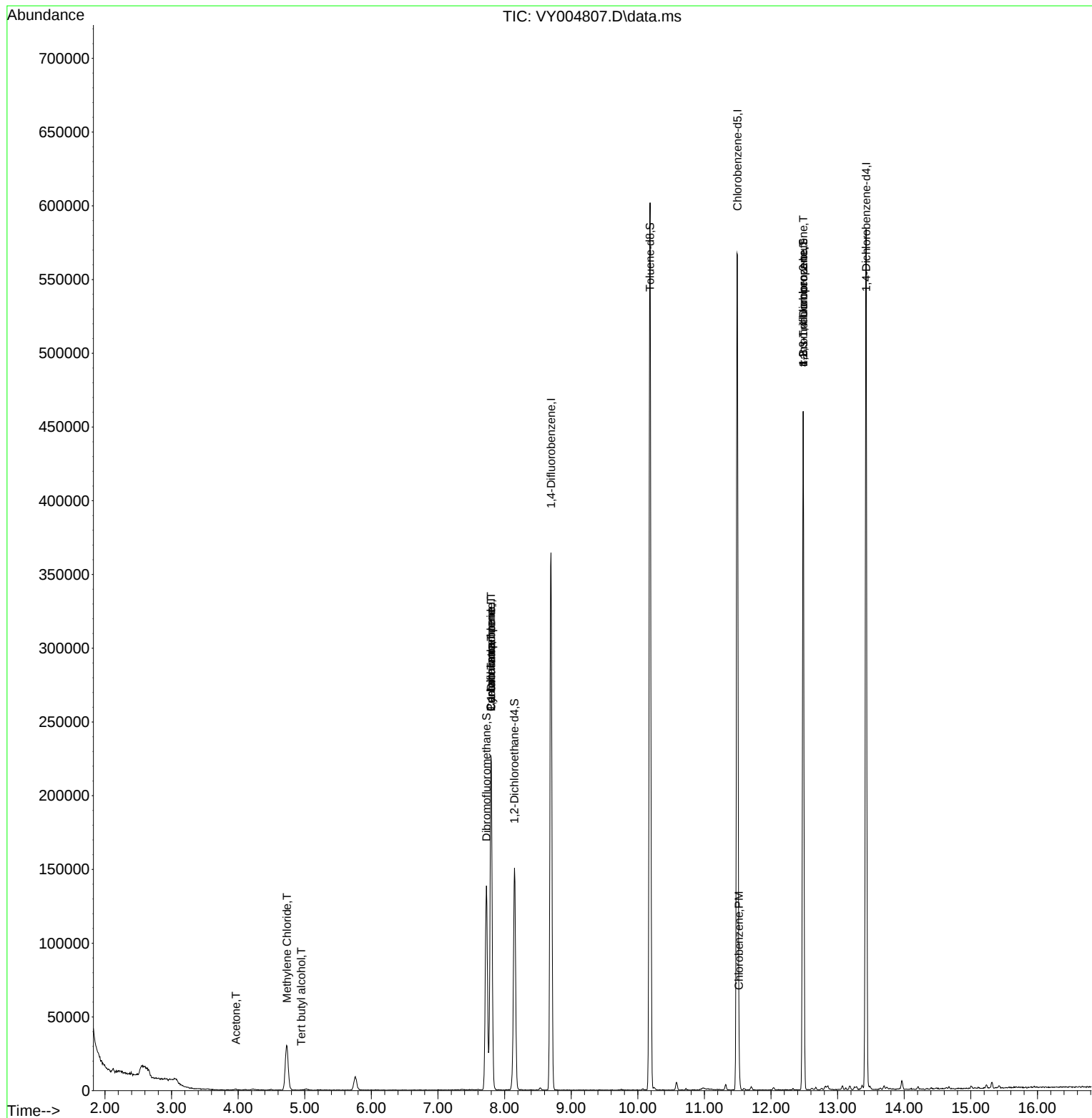
Internal Standards						
1) Pentafluorobenzene	7.795	168	167602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	304155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	295198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	116304	58.30	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.60%
35) Dibromofluoromethane	7.728	113	95106	57.12	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.24%
50) Toluene-d8	10.185	98	379847	50.50	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.00%
62) 4-Bromofluorobenzene	12.483	95	129369	50.96	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.92%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.948	59	208	1.04	ug/l #	71
16) Acetone	3.966	43	1031	2.30	ug/l #	82
20) Methylene Chloride	4.735	84	21682	2.30	ug/l	94
31) Cyclohexane	7.795	56	4051	1.25	ug/l #	10
36) 1,1-Dichloropropene	7.795	75	14576	4.68	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17341	6.19	ug/l #	15
65) Chlorobenzene	11.520	112	8710	1.43	ug/l	91
76) 1,2,3-Trichloropropane	12.483	75	71874	50.29	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	71874	87.21	ug/l #	13

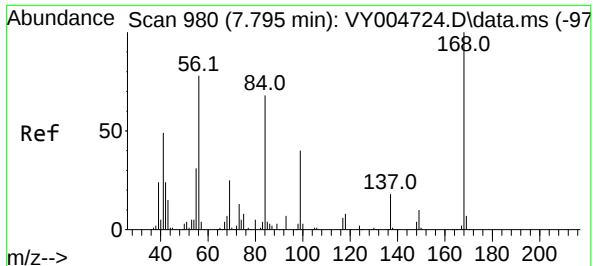
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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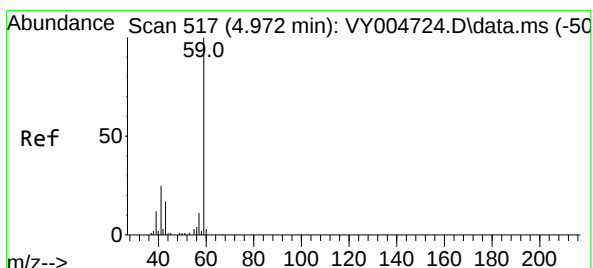
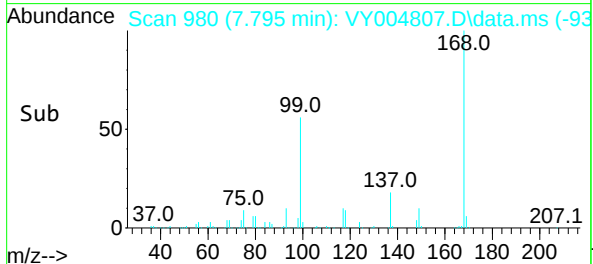
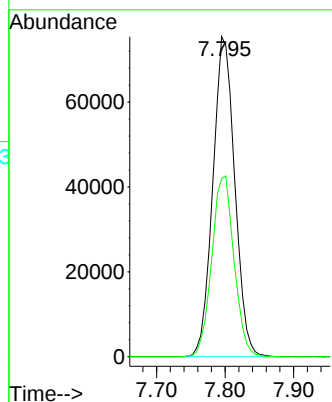
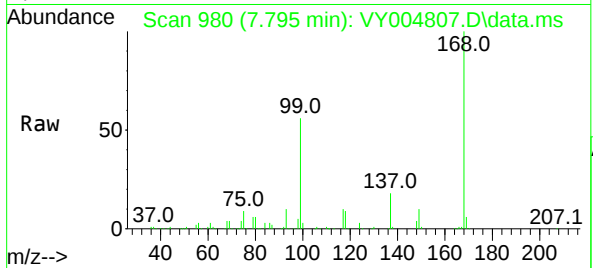




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004807.D
Acq: 17 May 2021 16:29

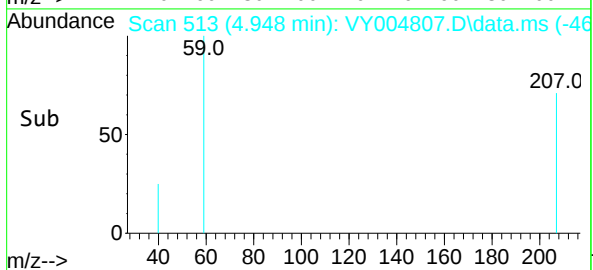
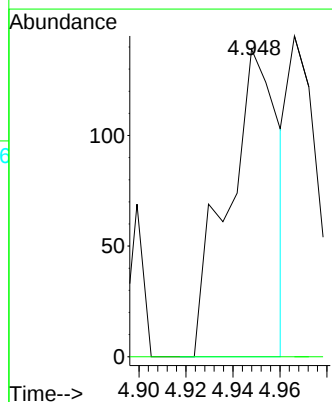
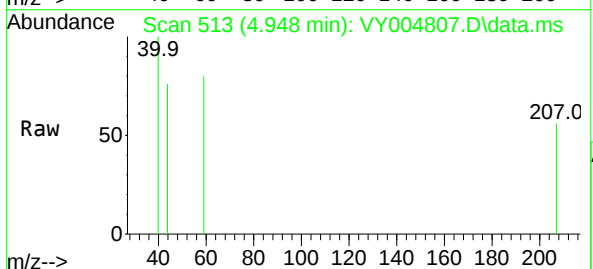
Instrument :
MSVOA_Y
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124042

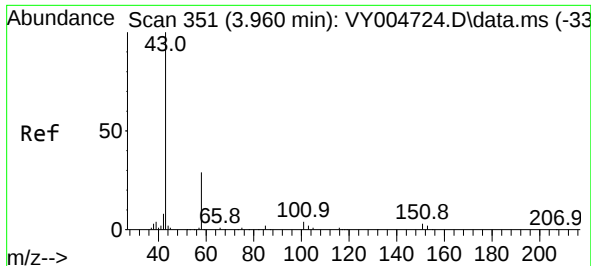
Tgt Ion:168 Resp: 167602
Ion Ratio Lower Upper
168 100
99 55.6 45.6 68.4



#11
Tert butyl alcohol
Concen: 1.04 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.025 min
Lab File: VY004807.D
Acq: 17 May 2021 16:29

Tgt Ion: 59 Resp: 208
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

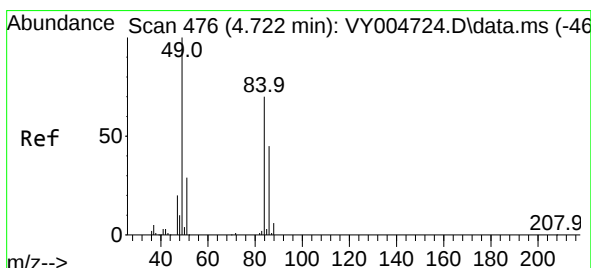
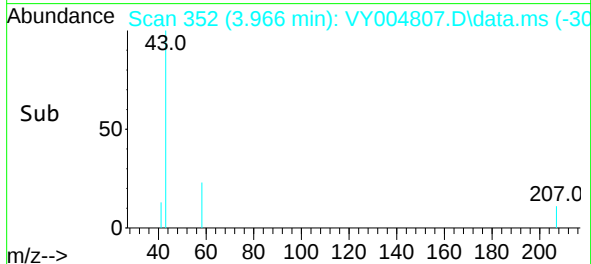
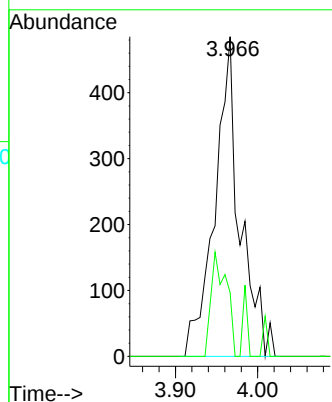
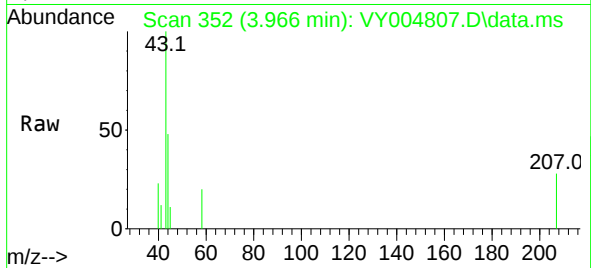




#16
Acetone
Concen: 2.30 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004807.D
Acq: 17 May 2021 16:29

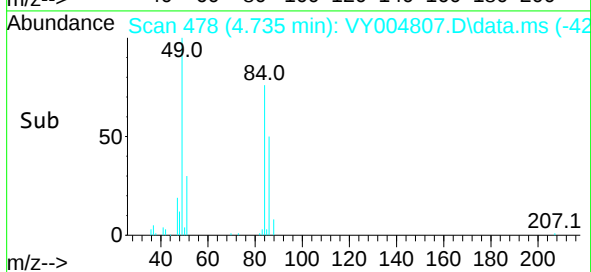
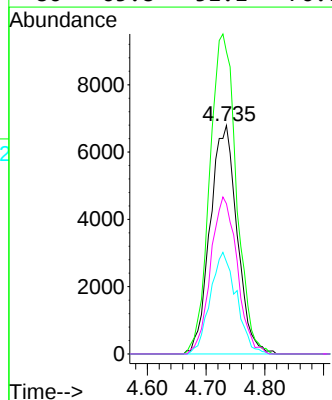
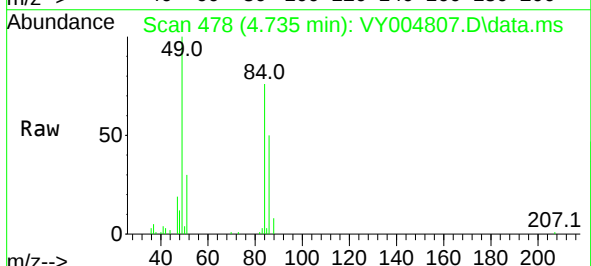
Instrument :
MSVOA_Y
ClientSampleId :
124042

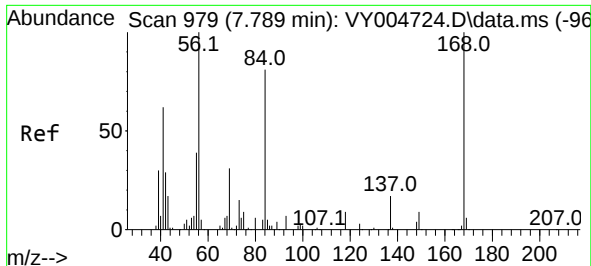
Tgt Ion: 43 Resp: 1031
Ion Ratio Lower Upper
43 100
58 20.0 23.6 35.4#



#20
Methylene Chloride
Concen: 2.30 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.013 min
Lab File: VY004807.D
Acq: 17 May 2021 16:29

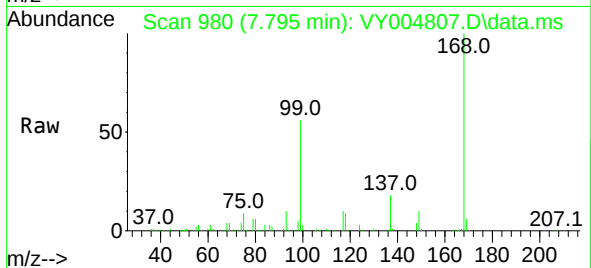
Tgt Ion: 84 Resp: 21682
Ion Ratio Lower Upper
84 100
49 132.3 113.8 170.8
51 40.3 33.5 50.3
86 65.8 51.1 76.7



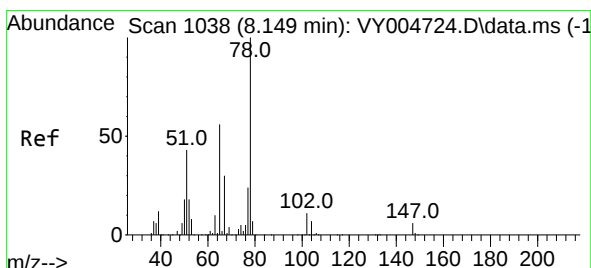
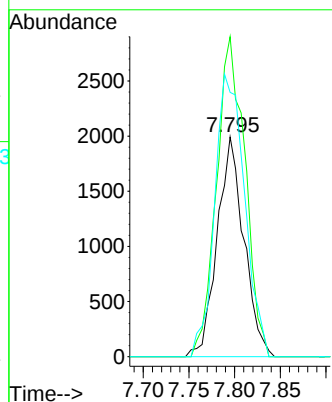
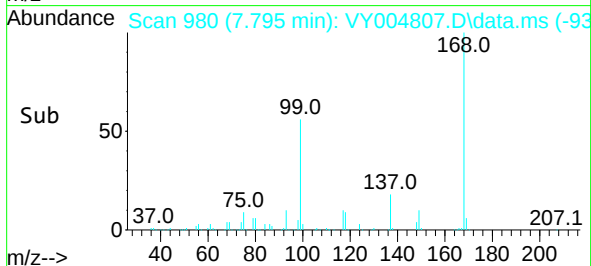


#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004807.D
Acq: 17 May 2021 16:29

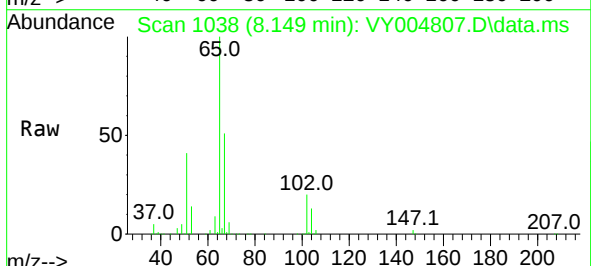
Instrument :
MSVOA_Y
ClientSampleId :
124042



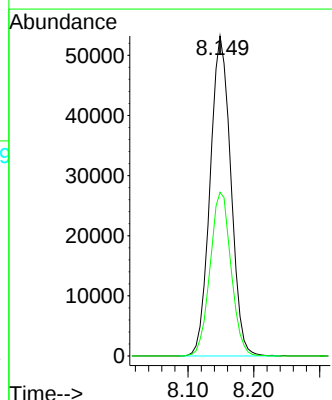
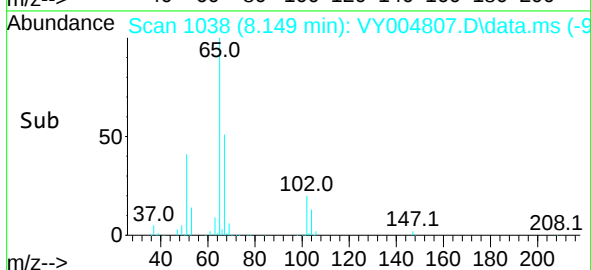
Tgt Ion: 56 Resp: 4051
Ion Ratio Lower Upper
56 100
69 145.7 24.4 36.6#
84 120.3 64.8 97.2#

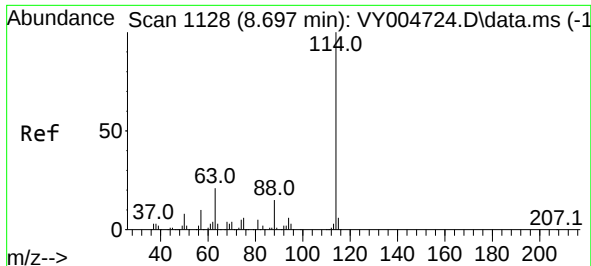


#33
1,2-Dichloroethane-d4
Concen: 58.30 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004807.D
Acq: 17 May 2021 16:29



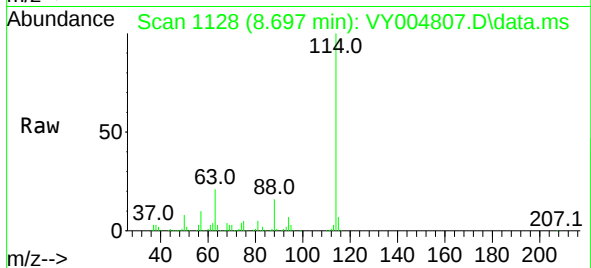
Tgt Ion: 65 Resp: 116304
Ion Ratio Lower Upper
65 100
67 51.8 0.0 108.0



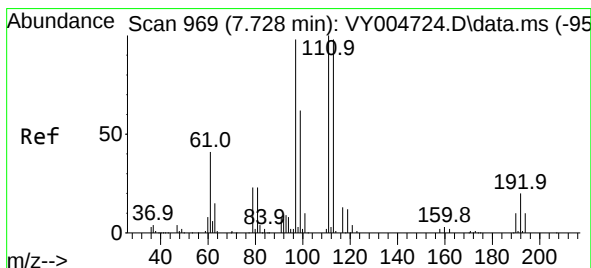
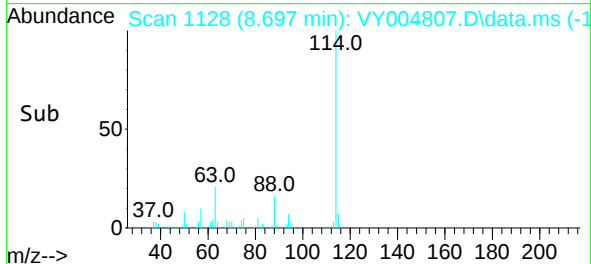
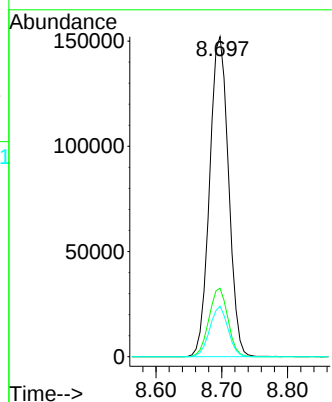


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004807.D
Acq: 17 May 2021 16:29

Instrument :
MSVOA_Y
ClientSampleId :
124042

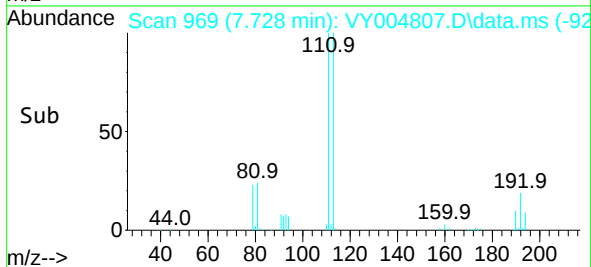
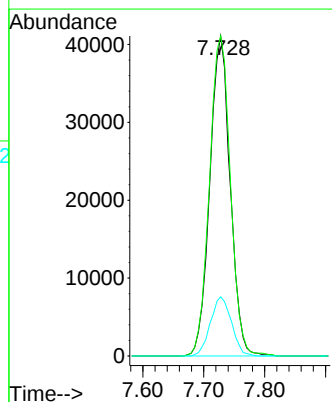
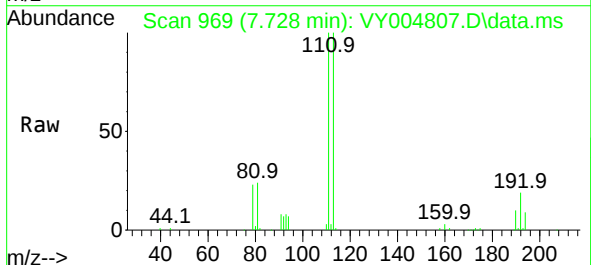


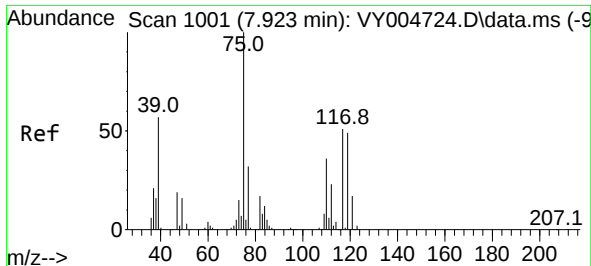
Tgt Ion:114 Resp: 304155
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.8
88 15.8 0.0 31.0



#35
Dibromofluoromethane
Concen: 57.12 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004807.D
Acq: 17 May 2021 16:29

Tgt Ion:113 Resp: 95106
Ion Ratio Lower Upper
113 100
111 103.2 80.5 120.7
192 19.2 15.0 22.6





#36

1,1-Dichloropropene

Concen: 4.68 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY004807.D

Acq: 17 May 2021 16:29

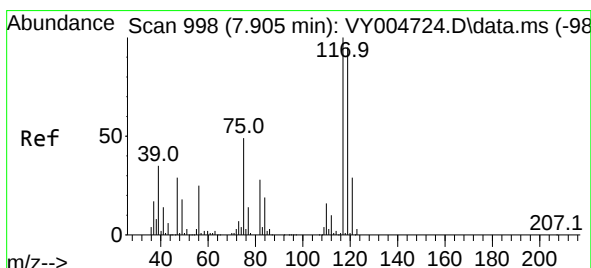
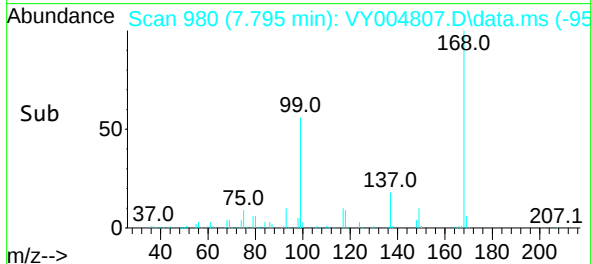
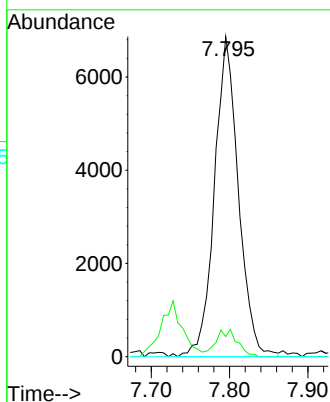
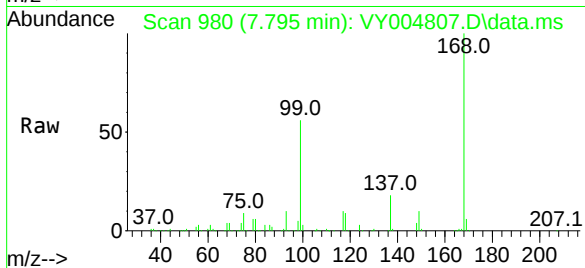
Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:	75	Resp:	14576
Ion	Ratio	Lower	Upper
75	100		
110	7.7	17.0	50.9#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 6.19 ug/l

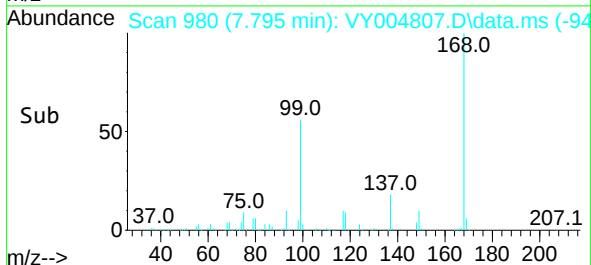
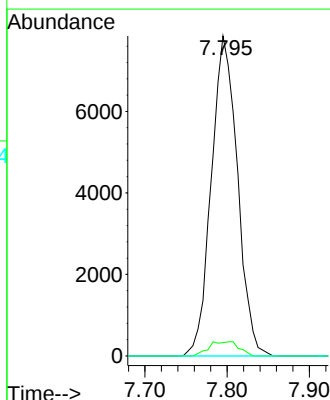
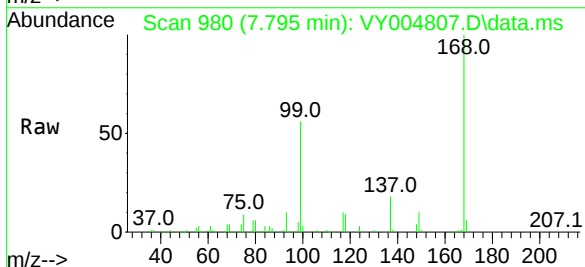
RT: 7.795 min Scan# 980

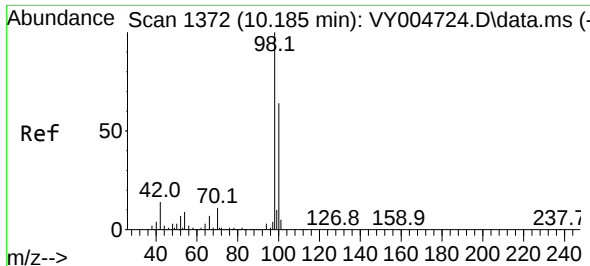
Delta R.T. -0.110 min

Lab File: VY004807.D

Acq: 17 May 2021 16:29

Tgt Ion:	117	Resp:	17341
Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.3	114.5#
121	0.0	23.0	34.6#

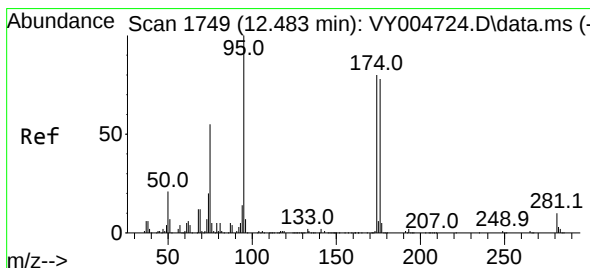
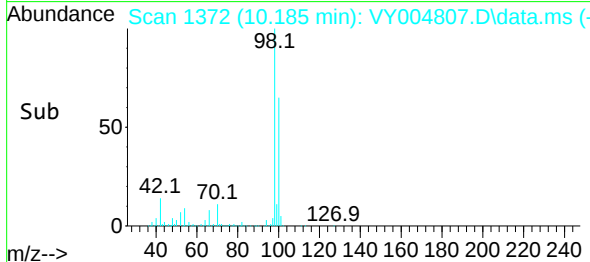
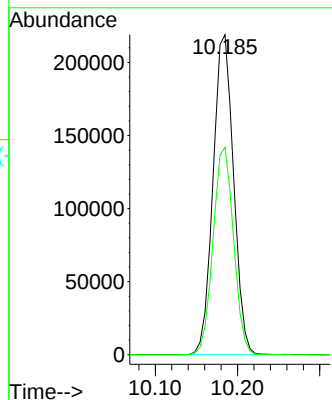
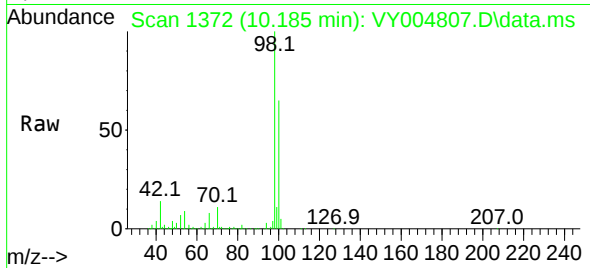




#50
Toluene-d8
Concen: 50.50 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004807.D
Acq: 17 May 2021 16:29

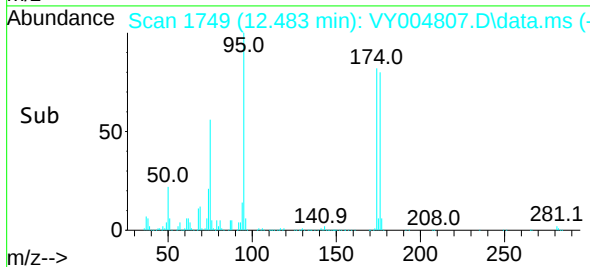
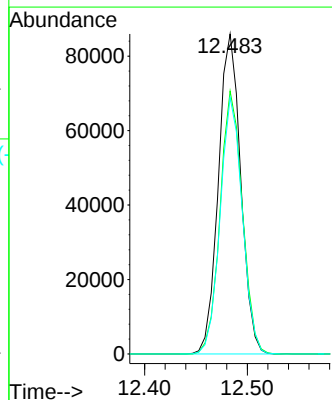
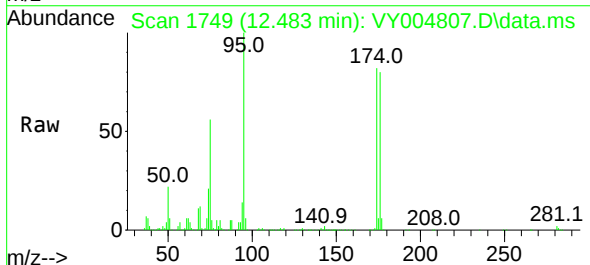
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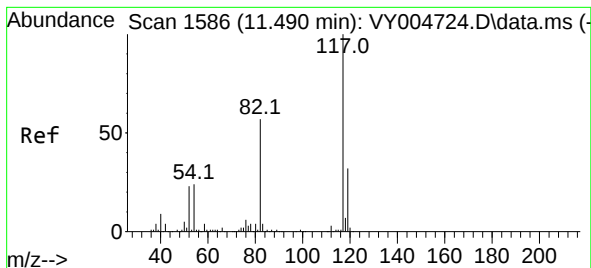
Tgt Ion: 98 Resp: 379847
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 50.96 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004807.D
Acq: 17 May 2021 16:29

Tgt Ion: 95 Resp: 129369
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.2
176 79.2 0.0 159.0

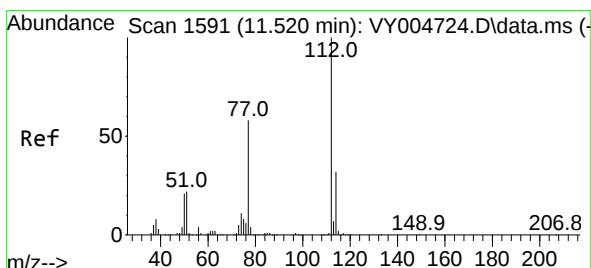
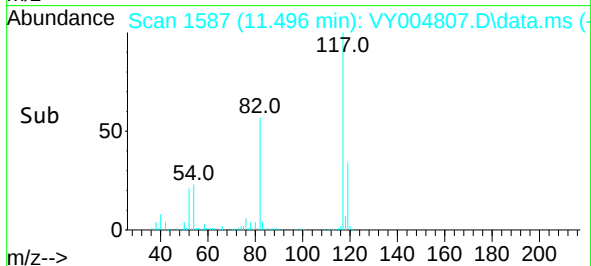
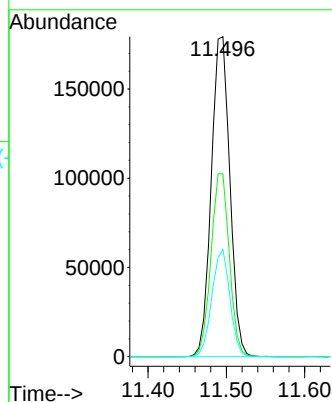
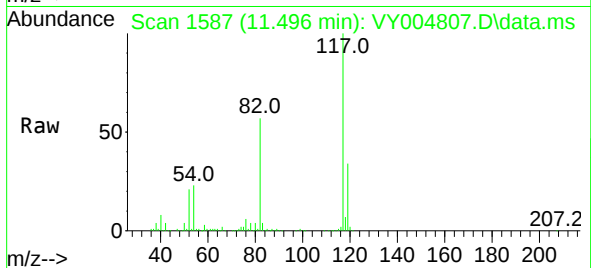




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004807.D
Acq: 17 May 2021 16:29

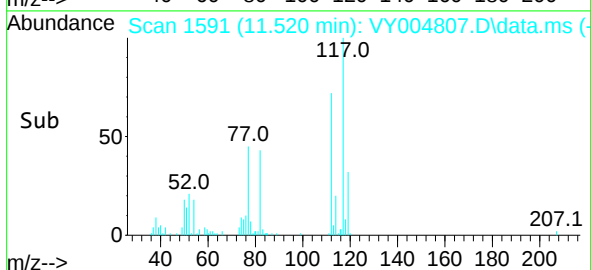
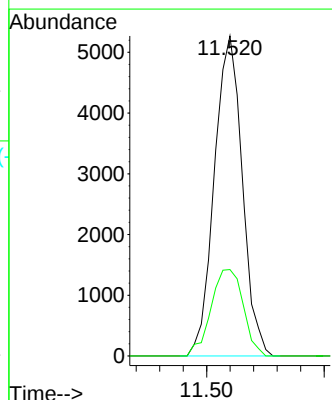
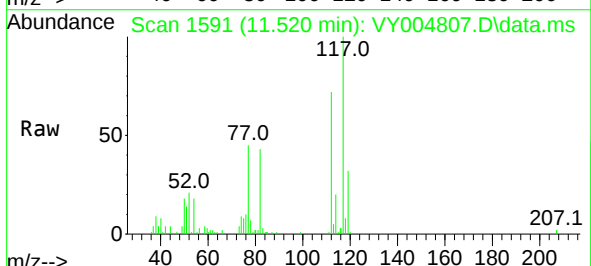
Instrument :
MSVOA_Y
ClientSampleId :
124042

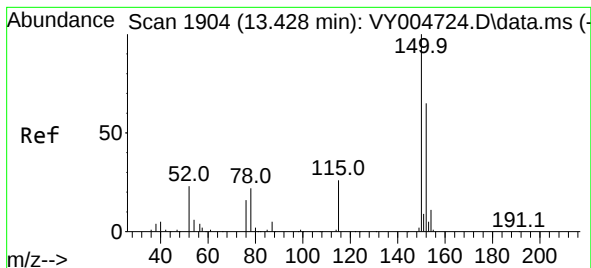
Tgt Ion:117 Resp: 295198
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.2
119 33.5 25.8 38.6



#65
Chlorobenzene
Concen: 1.43 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY004807.D
Acq: 17 May 2021 16:29

Tgt Ion:112 Resp: 8710
Ion Ratio Lower Upper
112 100
114 27.0 25.4 38.2

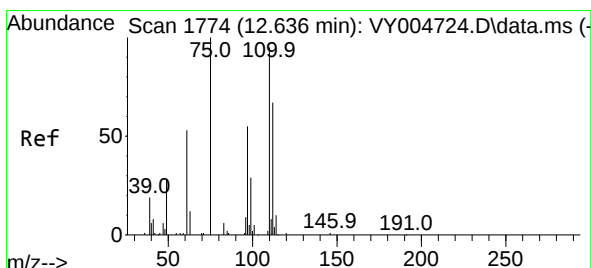
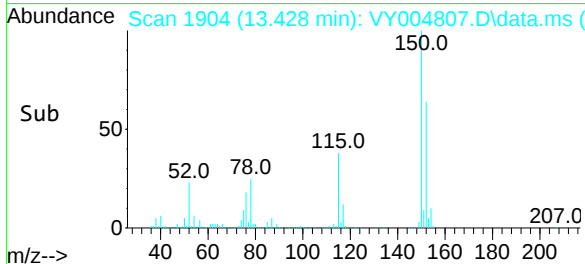
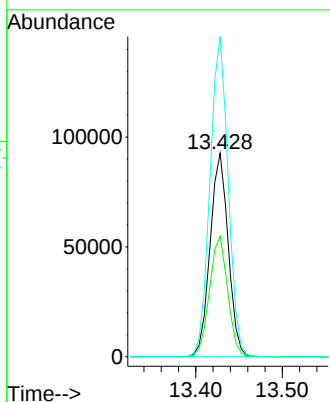
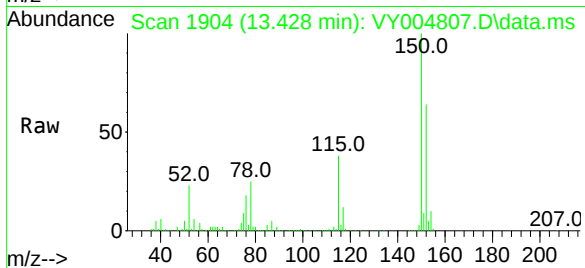




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004807.D
 Acq: 17 May 2021 16:29

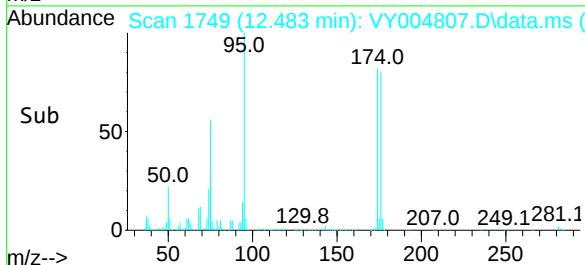
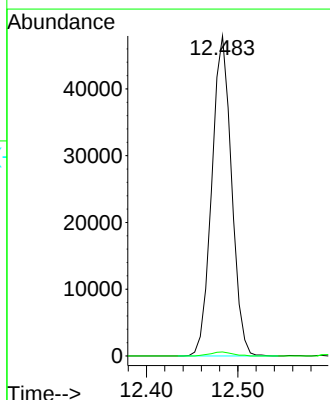
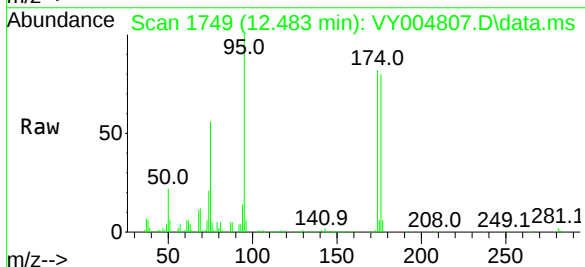
Instrument :
 MSVOA_Y
 ClientSampleId :
 124042

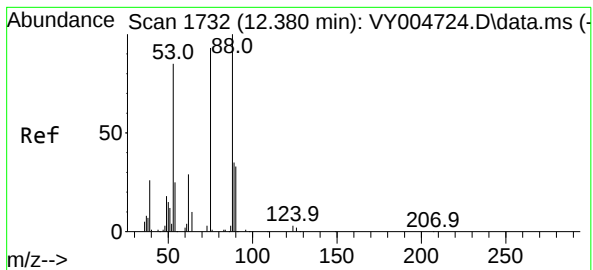
Tgt Ion:152 Resp: 134544
 Ion Ratio Lower Upper
 152 100
 115 59.4 29.4 88.3
 150 157.4 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 50.29 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004807.D
 Acq: 17 May 2021 16:29

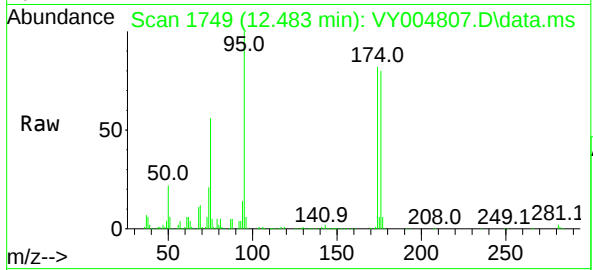
Tgt Ion: 75 Resp: 71874
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.21 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004807.D
 Acq: 17 May 2021 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 124042



Tgt Ion:	75	Resp:	71874
Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.9	110.9#
89	0.0	35.5	53.3#

