

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004610.D
 Acq On : 23 Apr 2021 17:08
 Operator : SY/MD
 Sample : M2149-07
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 26 10:20:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

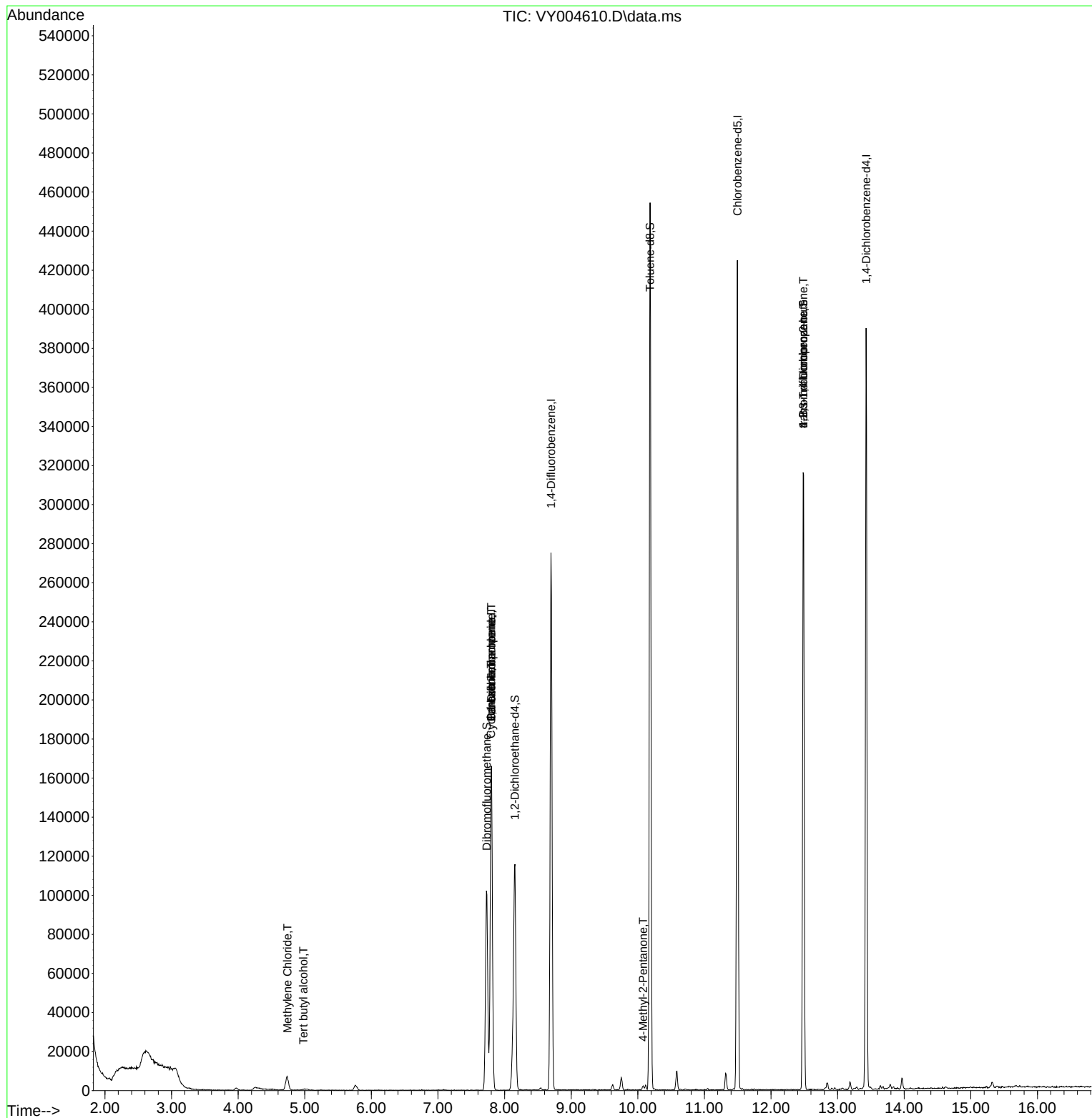
Internal Standards						
1) Pentafluorobenzene	7.801	168	126242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	223035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	209295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90981	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	87204	62.17	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.34%
35) Dibromofluoromethane	7.734	113	70119	56.65	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.30%
50) Toluene-d8	10.185	98	278164	52.83	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.66%
62) 4-Bromofluorobenzene	12.483	95	91158	51.02	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.04%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	1179	8.53	ug/l #	73
16) Acetone	3.966	43	2343	Below Cal	#	85
20) Methylene Chloride	4.741	84	4711	3.48	ug/l	95
31) Cyclohexane	7.795	56	3299	1.28	ug/l #	8
36) 1,1-Dichloropropene	7.801	75	10609	4.79	ug/l #	50
38) Carbon Tetrachloride	7.801	117	13018	6.79	ug/l #	17
51) 4-Methyl-2-Pentanone	10.081	43	1472	1.06	ug/l	97
76) 1,2,3-Trichloropropane	12.483	75	50949	52.18	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50949	93.34	ug/l #	12

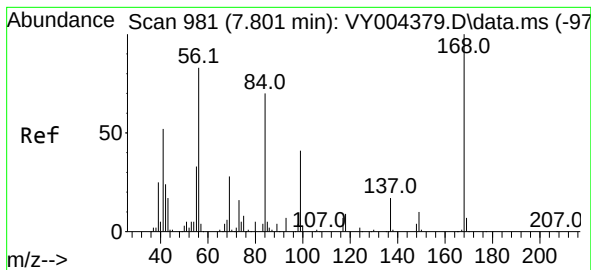
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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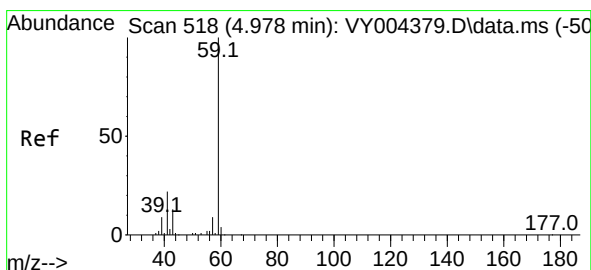
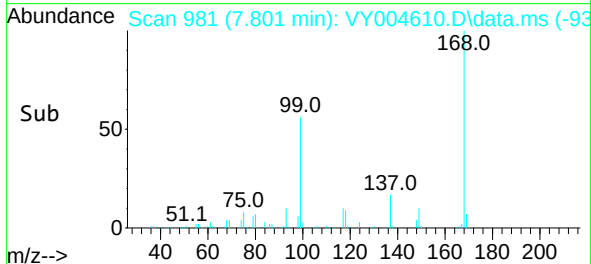
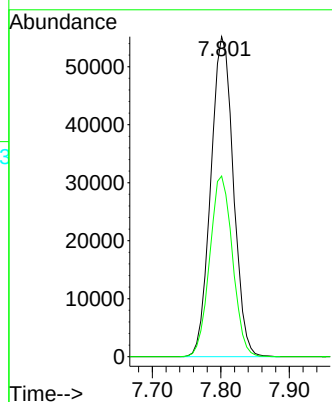
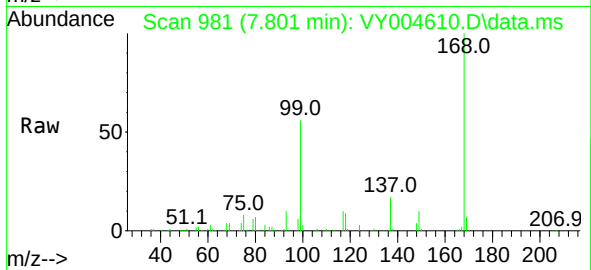




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004610.D
Acq: 23 Apr 2021 17:08

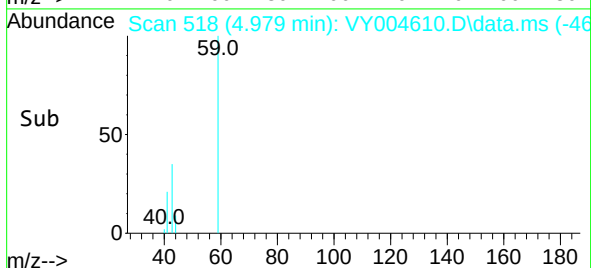
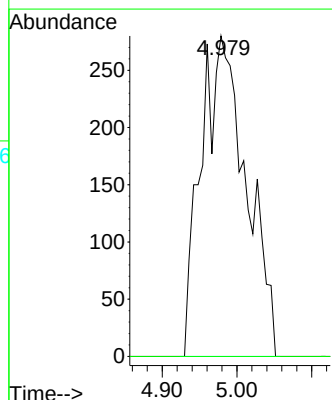
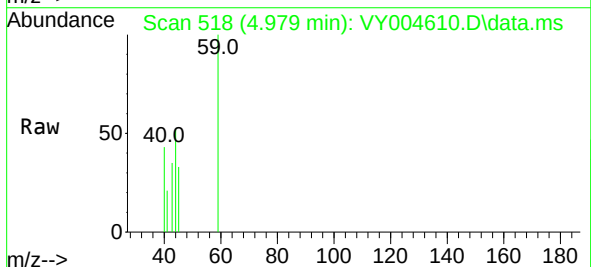
Instrument :
MSVOA_Y
ClientSampleId :

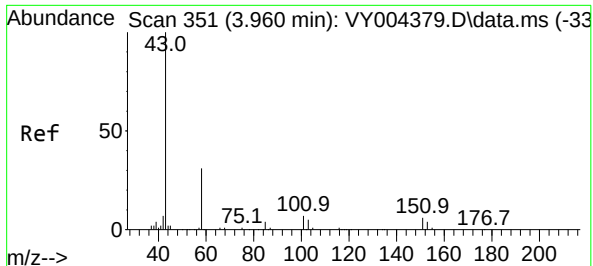
Tgt Ion:168 Resp: 126242
Ion Ratio Lower Upper
168 100
99 56.5 45.5 68.3



#11
Tert butyl alcohol
Concen: 8.53 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004610.D
Acq: 23 Apr 2021 17:08

Tgt Ion: 59 Resp: 1179
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

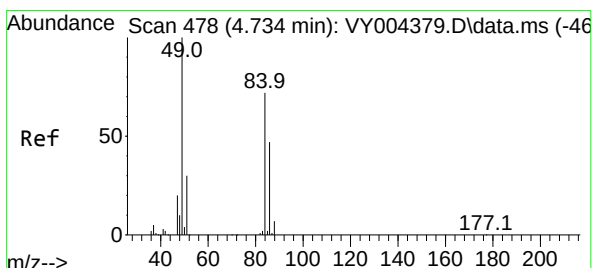
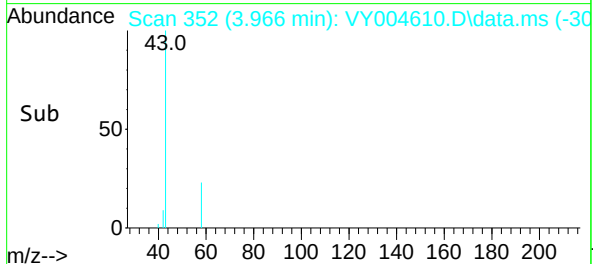
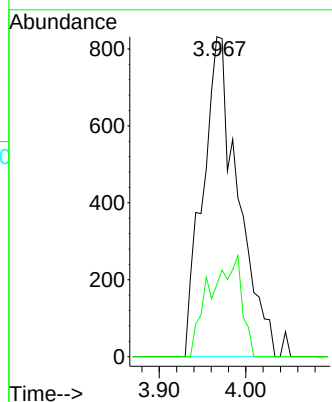
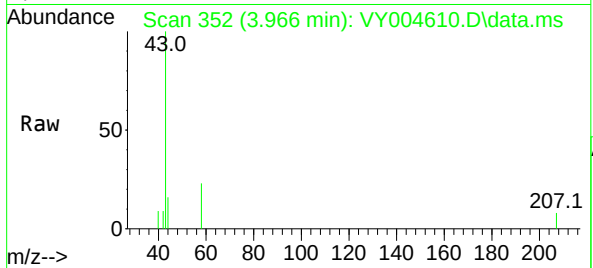




#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004610.D
Acq: 23 Apr 2021 17:08

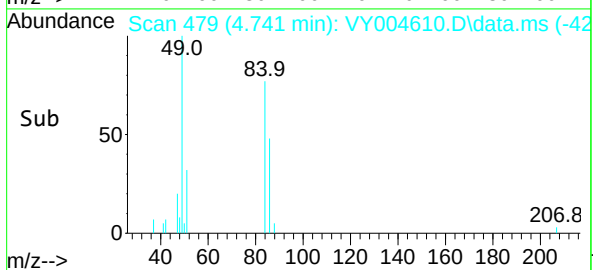
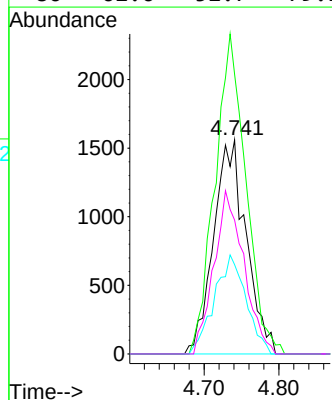
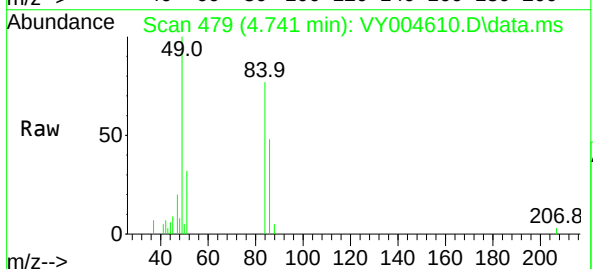
Instrument :
MSVOA_Y
ClientSampleId :

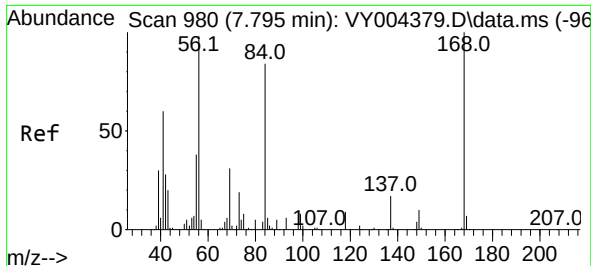
Tgt Ion: 43 Resp: 2343
Ion Ratio Lower Upper
43 100
58 22.6 24.6 37.0#



#20
Methylene Chloride
Concen: 3.48 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004610.D
Acq: 23 Apr 2021 17:08

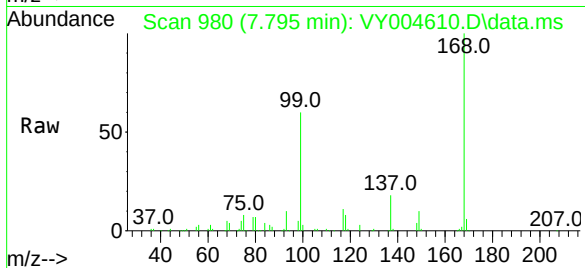
Tgt Ion: 84 Resp: 4711
Ion Ratio Lower Upper
84 100
49 130.6 111.2 166.8
51 41.7 33.4 50.2
86 62.6 52.7 79.1



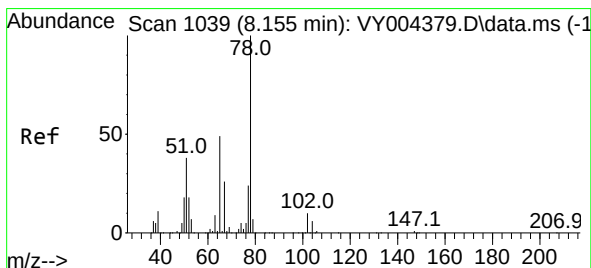
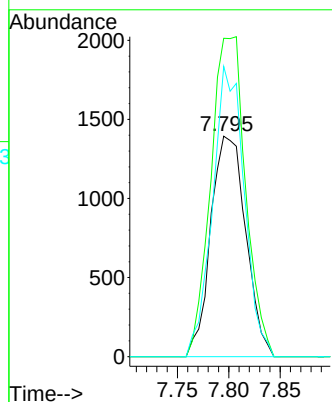
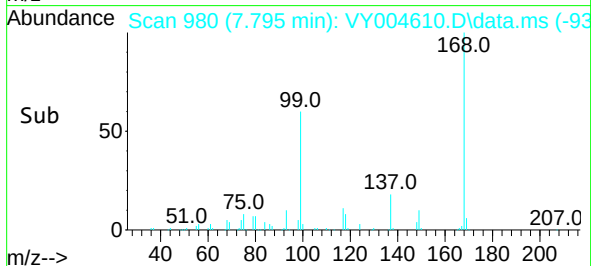


#31
Cyclohexane
Concen: 1.28 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004610.D
Acq: 23 Apr 2021 17:08

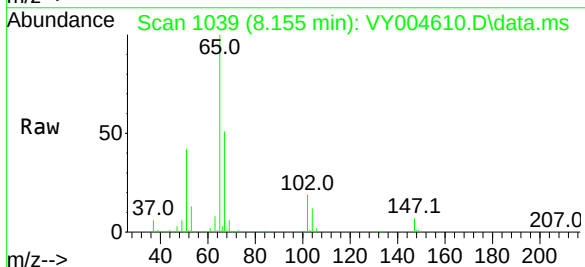
Instrument :
MSVOA_Y
ClientSampleId :



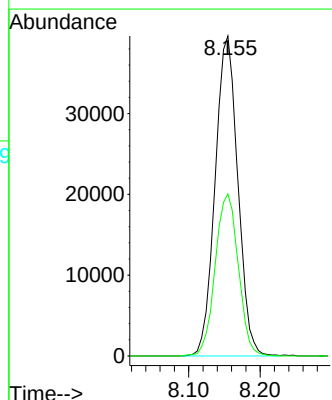
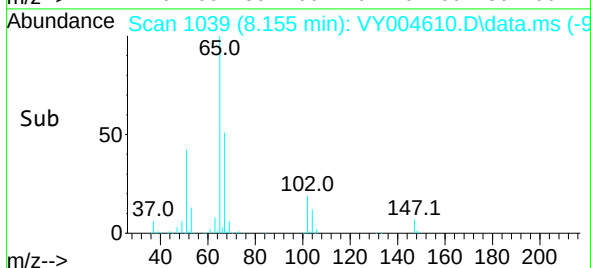
Tgt Ion: 56 Resp: 3299
Ion Ratio Lower Upper
56 100
69 144.4 25.8 38.6#
84 131.6 68.2 102.4#

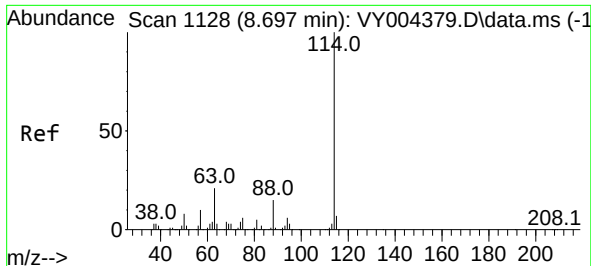


#33
1,2-Dichloroethane-d4
Concen: 62.17 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004610.D
Acq: 23 Apr 2021 17:08



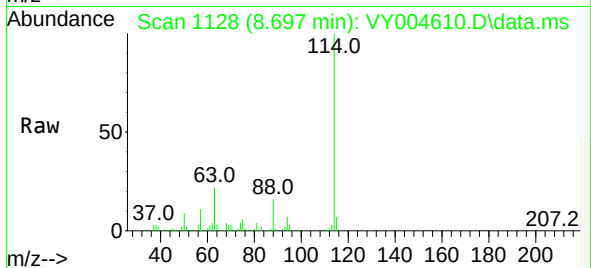
Tgt Ion: 65 Resp: 87204
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.4



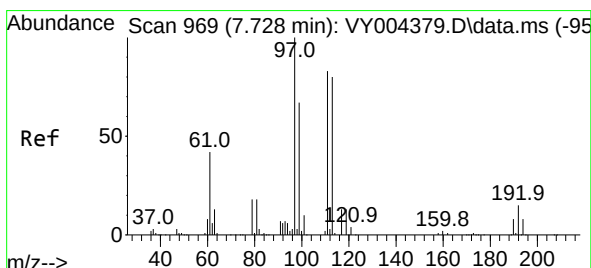
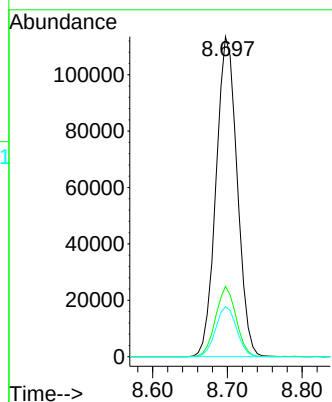
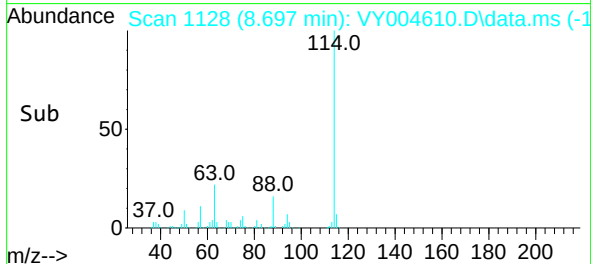


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004610.D
Acq: 23 Apr 2021 17:08

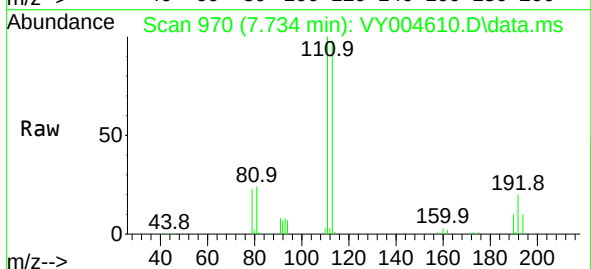
Instrument :
MSVOA_Y
ClientSampleId :



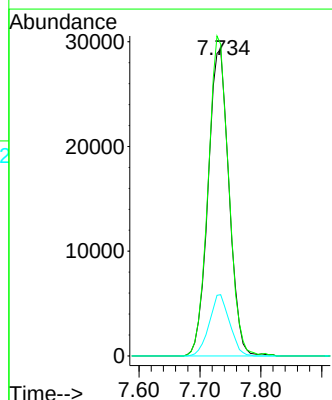
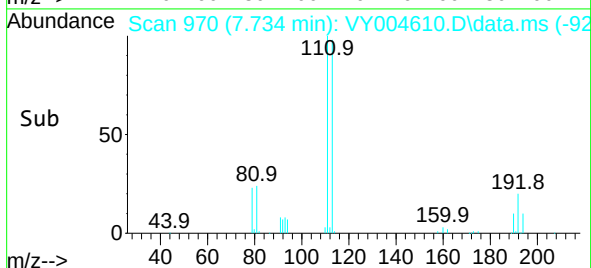
Tgt Ion:114 Resp: 223035
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.4
88 15.7 0.0 30.8

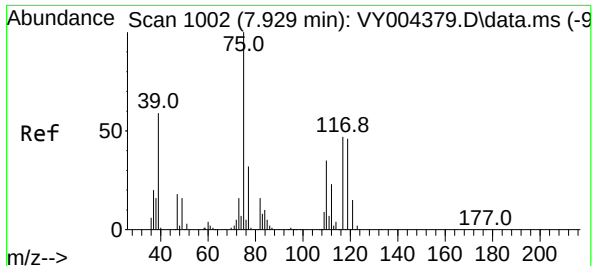


#35
Dibromofluoromethane
Concen: 56.65 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004610.D
Acq: 23 Apr 2021 17:08



Tgt Ion:113 Resp: 70119
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 19.3 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.79 ug/l

RT: 7.801 min Scan# 981

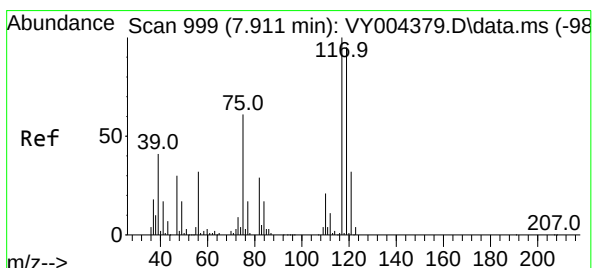
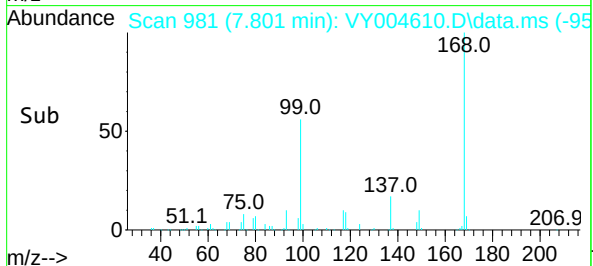
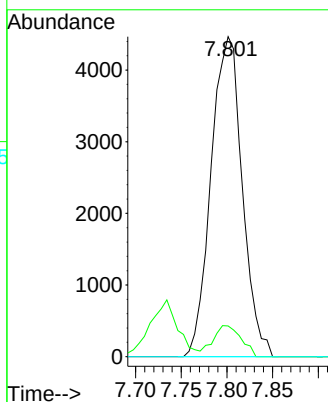
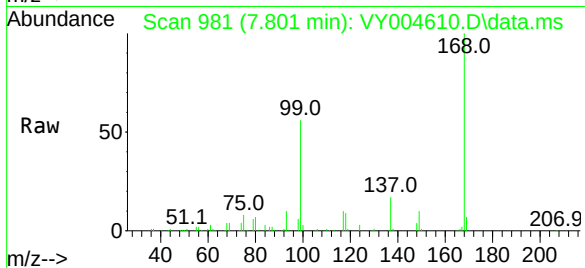
Delta R.T. -0.128 min

Lab File: VY004610.D

Acq: 23 Apr 2021 17:08

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	75	Resp:	10609
Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.3	51.7#
77	0.0	24.3	36.5#



#38

Carbon Tetrachloride

Concen: 6.79 ug/l

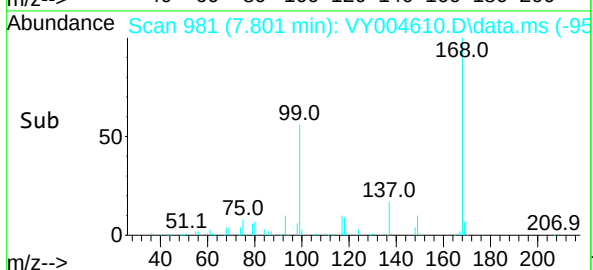
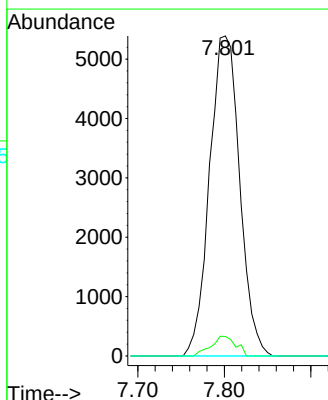
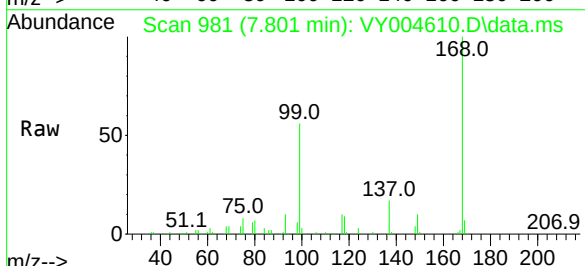
RT: 7.801 min Scan# 981

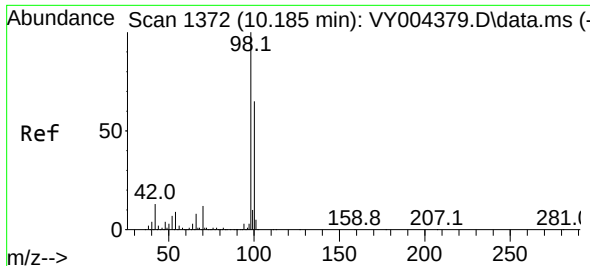
Delta R.T. -0.109 min

Lab File: VY004610.D

Acq: 23 Apr 2021 17:08

Tgt Ion:	117	Resp:	13018
Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.8	113.8#
121	0.0	25.3	37.9#

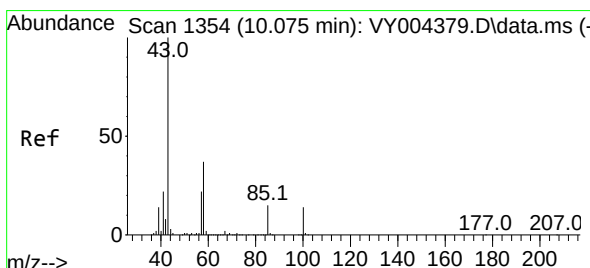
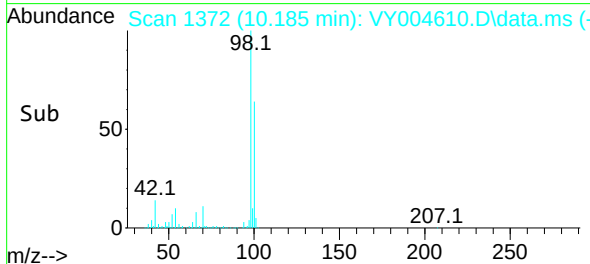
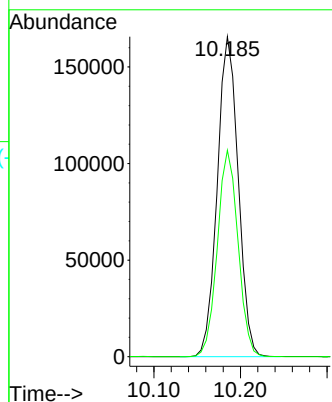
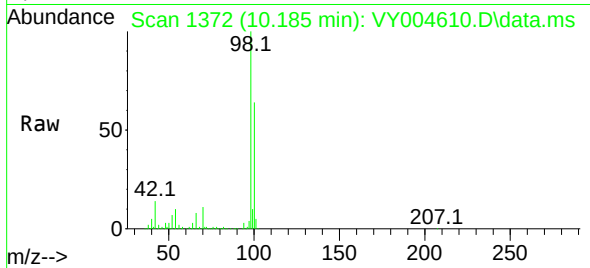




#50
Toluene-d8
Concen: 52.83 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004610.D
Acq: 23 Apr 2021 17:08

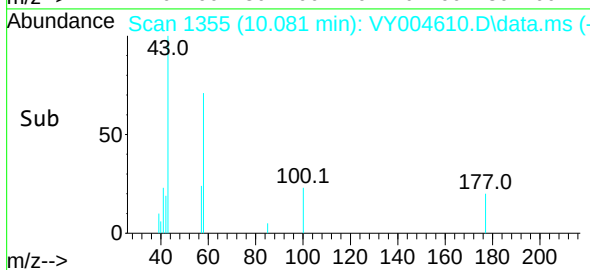
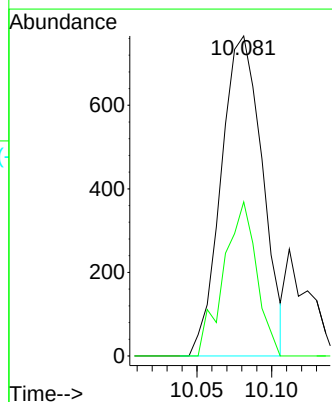
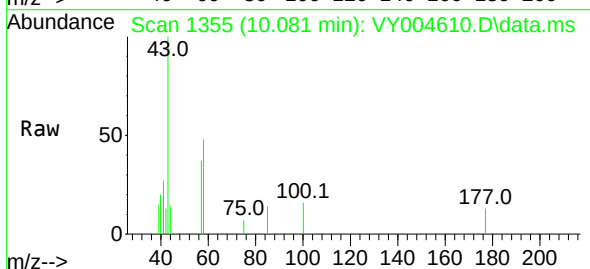
Instrument :
MSVOA_Y
ClientSampled :

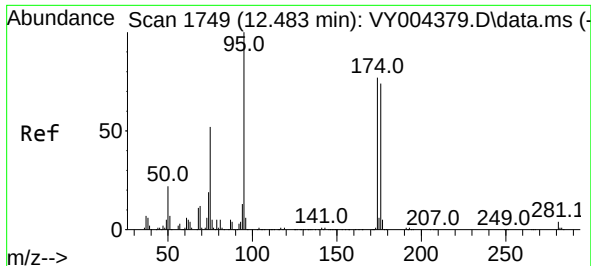
Tgt Ion: 98 Resp: 278164
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.06 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY004610.D
Acq: 23 Apr 2021 17:08

Tgt Ion: 43 Resp: 1472
Ion Ratio Lower Upper
43 100
58 38.2 29.2 43.8

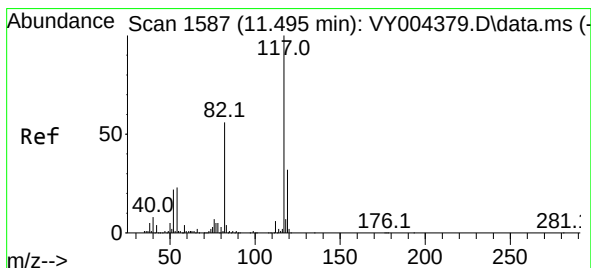
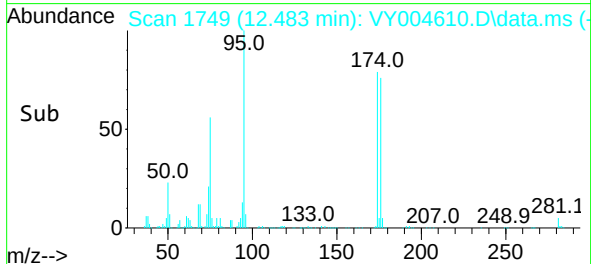
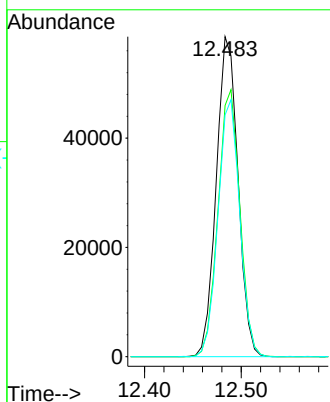
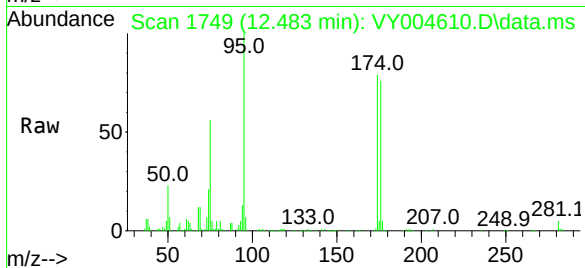




#62
4-Bromofluorobenzene
Concen: 51.02 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004610.D
Acq: 23 Apr 2021 17:08

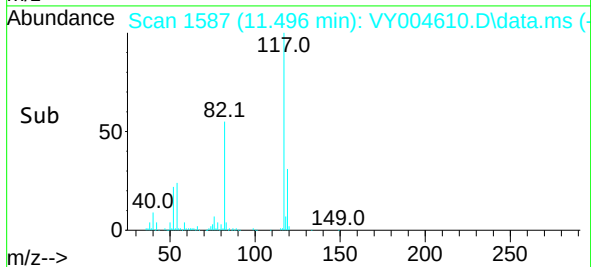
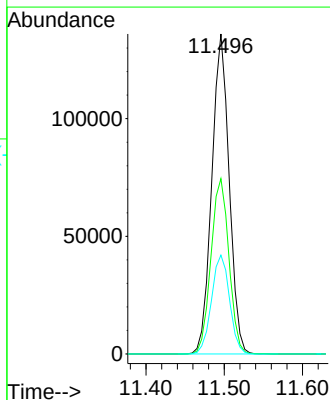
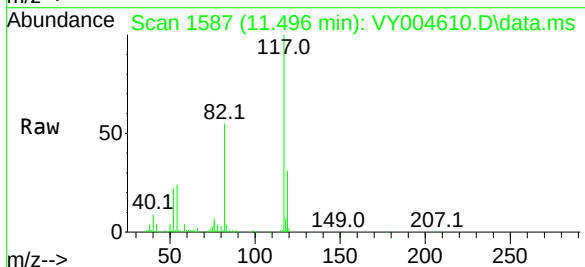
Instrument :
MSVOA_Y
ClientSampleId :

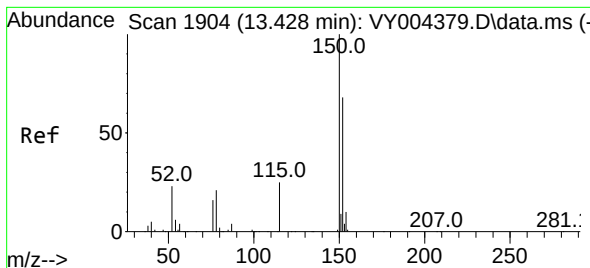
Tgt Ion: 95 Resp: 91158
Ion Ratio Lower Upper
95 100
174 84.1 0.0 162.4
176 80.4 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004610.D
Acq: 23 Apr 2021 17:08

Tgt Ion: 117 Resp: 209295
Ion Ratio Lower Upper
117 100
82 54.8 44.9 67.3
119 30.9 25.4 38.0

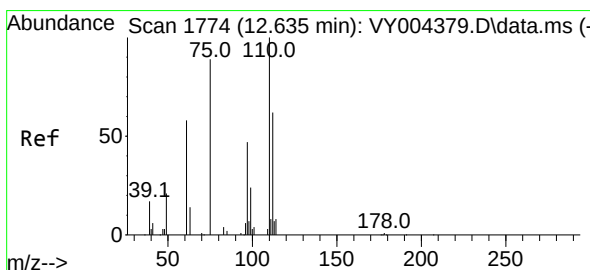
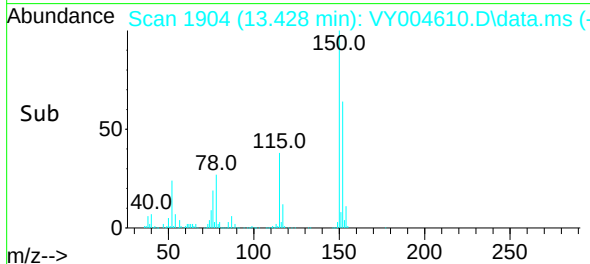
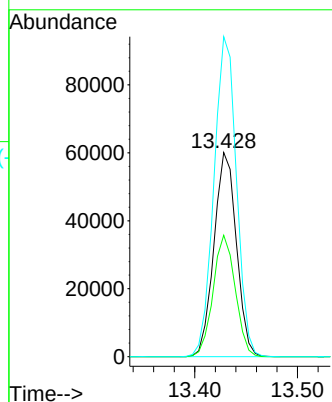
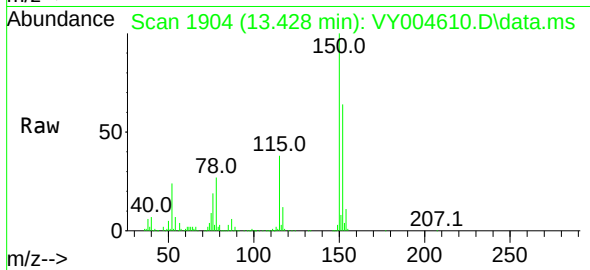




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004610.D
Acq: 23 Apr 2021 17:08

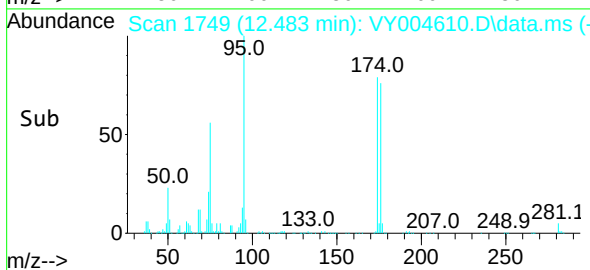
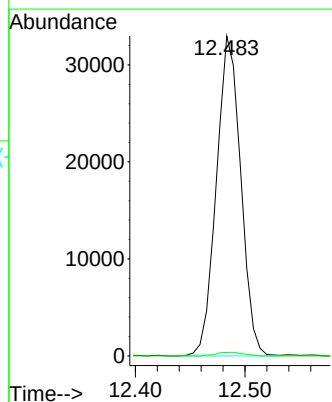
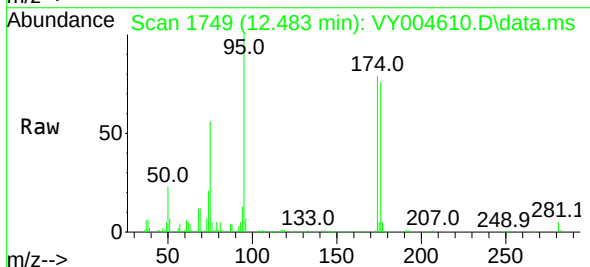
Instrument :
MSVOA_Y
ClientSampleId :

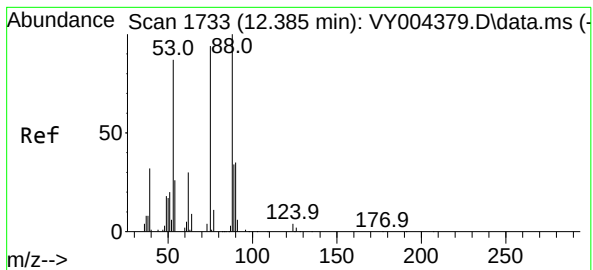
Tgt Ion:152 Resp: 90981
Ion Ratio Lower Upper
152 100
115 58.6 29.6 88.8
150 157.4 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 52.18 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004610.D
Acq: 23 Apr 2021 17:08

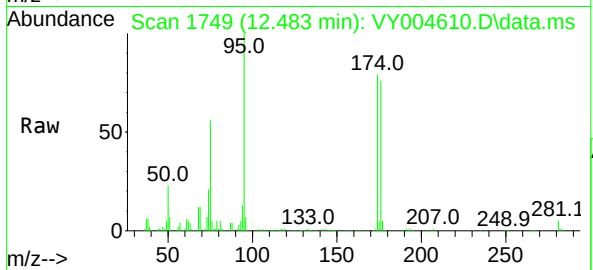
Tgt Ion: 75 Resp: 50949
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.34 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004610.D
 Acq: 23 Apr 2021 17:08

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 50949
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 0.0 36.1 54.1#

