

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004604.D
 Acq On : 23 Apr 2021 14:49
 Operator : SY/MD
 Sample : M2146-01
 Misc : 6.73G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 26 10:18:58 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)

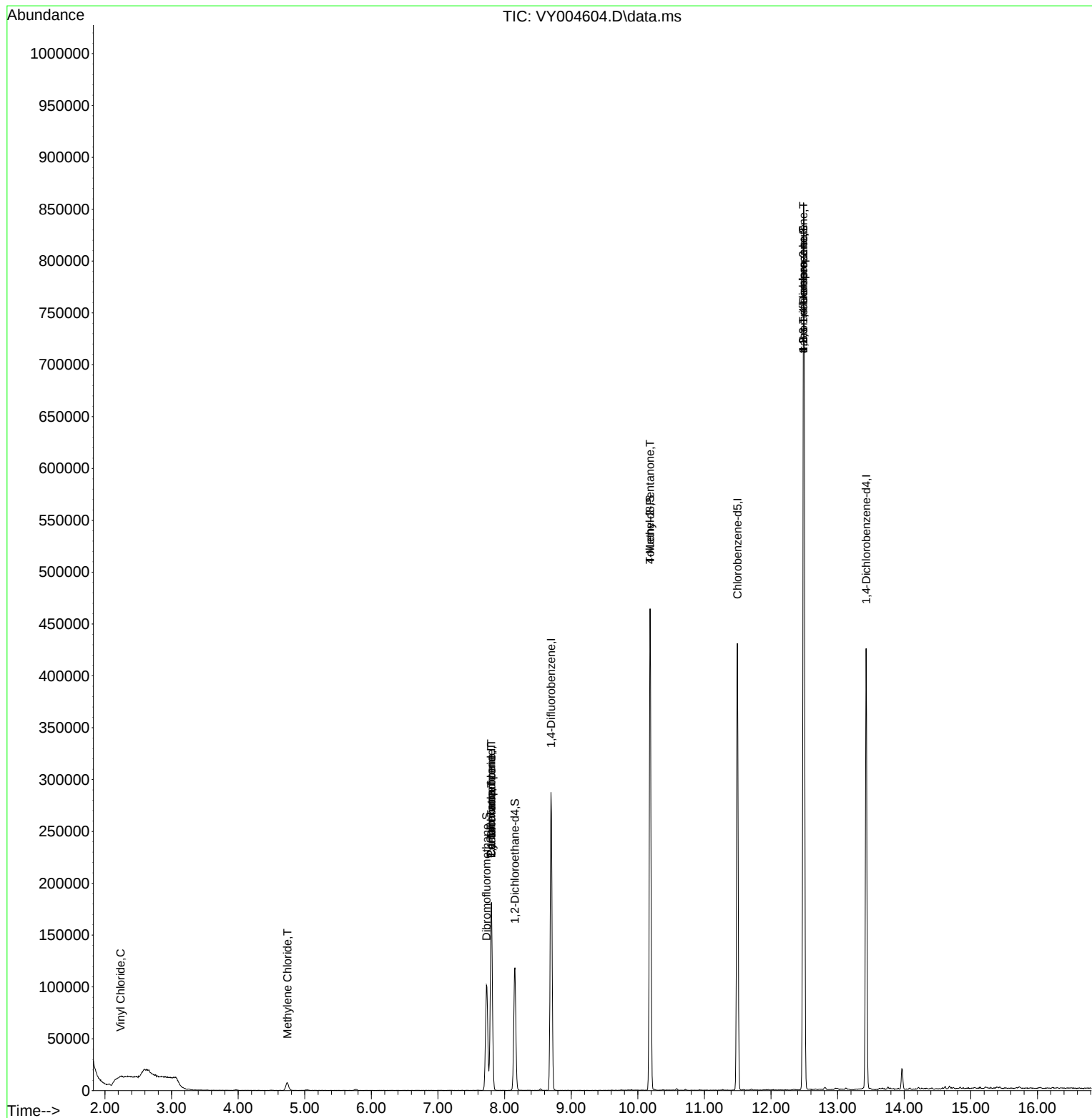
Internal Standards						
1) Pentafluorobenzene	7.801	168	132996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	229119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	217219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99932	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	92242	62.42	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.84%
35) Dibromofluoromethane	7.728	113	70823	55.70	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.40%
50) Toluene-d8	10.185	98	282575	52.25	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.50%
62) 4-Bromofluorobenzene	12.483	95	102683	55.95	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.90%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.235	62	7448	3.96	ug/l #	43
16) Acetone	3.966	43	1032	Below	Cal	91
20) Methylene Chloride	4.741	84	5451	3.82	ug/l	95
31) Cyclohexane	7.801	56	3200	1.18	ug/l #	21
36) 1,1-Dichloropropene	7.801	75	11045	4.85	ug/l #	51
38) Carbon Tetrachloride	7.801	117	13551	6.89	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1478	1.04	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	61873	57.69	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61873	103.20	ug/l #	14

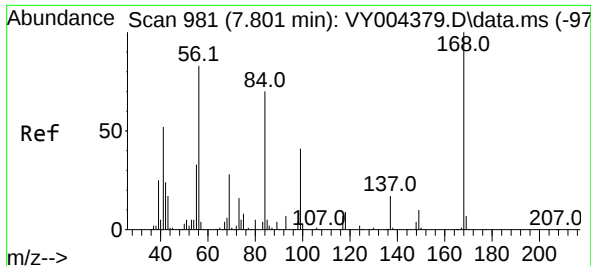
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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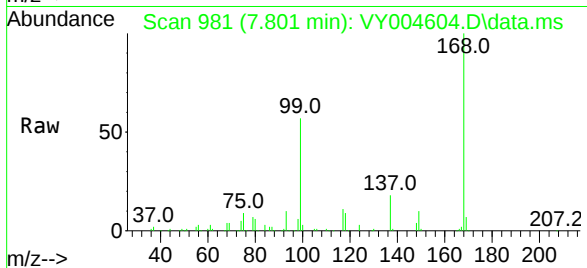
Quant Time: Apr 26 10:18:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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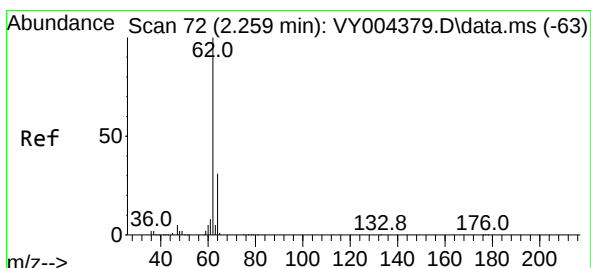
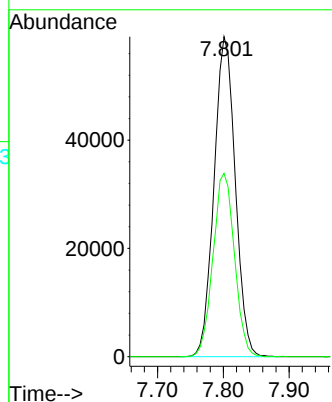
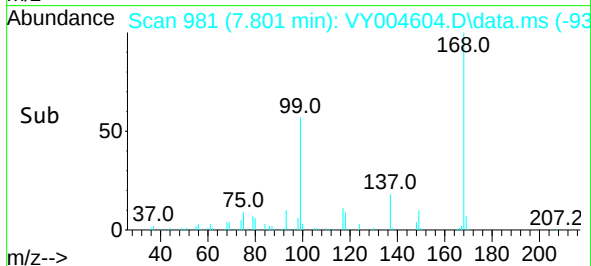


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004604.D
Acq: 23 Apr 2021 14:49

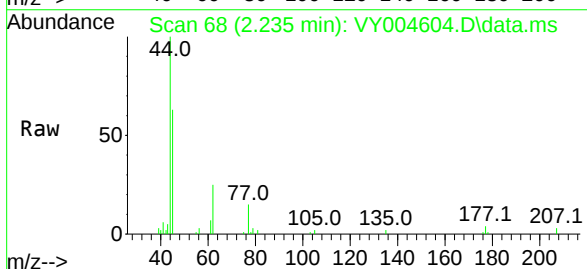
Instrument :
MSVOA_Y
ClientSampleId :



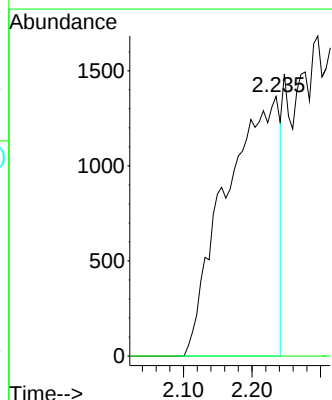
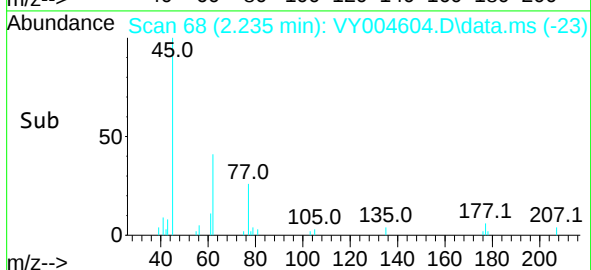
Tgt Ion:168 Resp: 132996
Ion Ratio Lower Upper
168 100
99 57.3 45.5 68.3

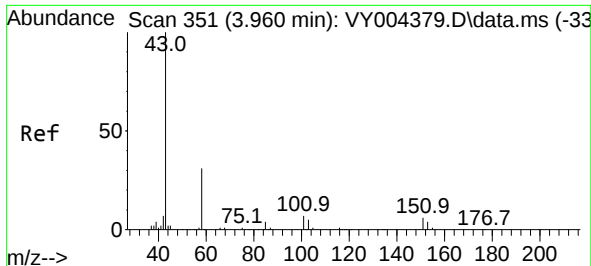


#4
Vinyl Chloride
Concen: 3.96 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.024 min
Lab File: VY004604.D
Acq: 23 Apr 2021 14:49



Tgt Ion: 62 Resp: 7448
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

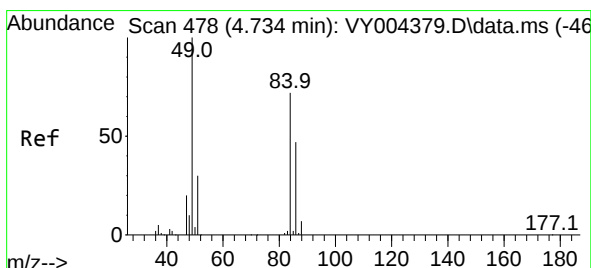
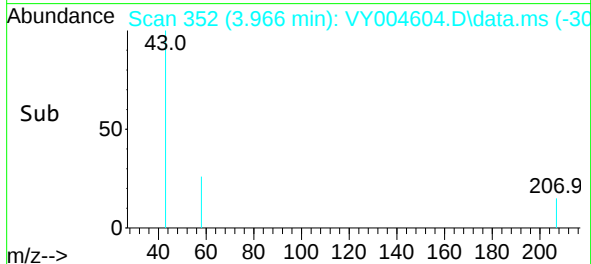
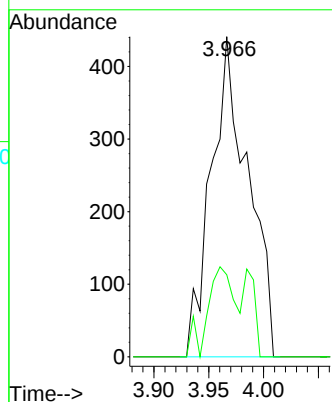
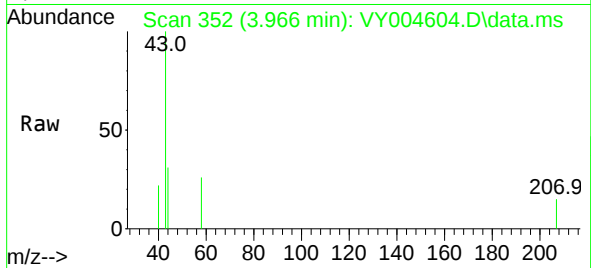




#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004604.D
Acq: 23 Apr 2021 14:49

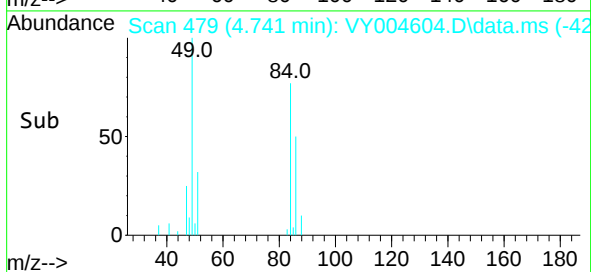
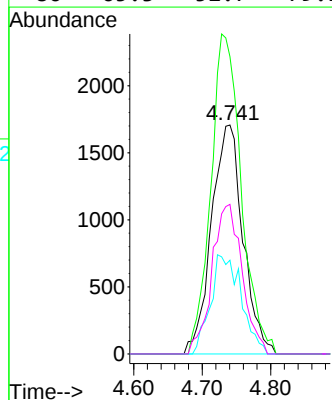
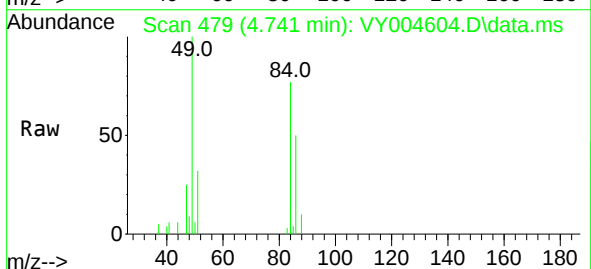
Instrument :
MSVOA_Y
ClientSampled :

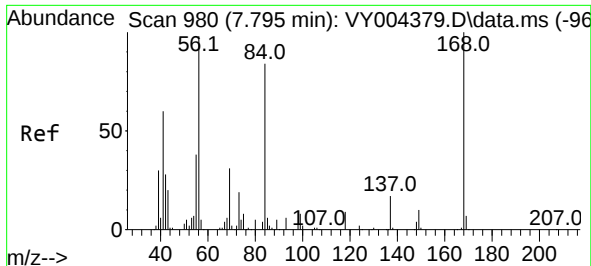
Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
58 25.6 24.6 37.0



#20
Methylene Chloride
Concen: 3.82 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004604.D
Acq: 23 Apr 2021 14:49

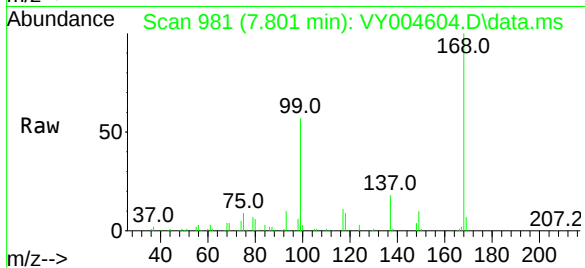
Tgt Ion: 84 Resp: 5451
Ion Ratio Lower Upper
84 100
49 129.9 111.2 166.8
51 40.9 33.4 50.2
86 65.3 52.7 79.1



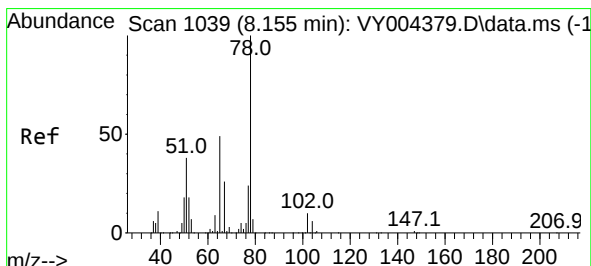
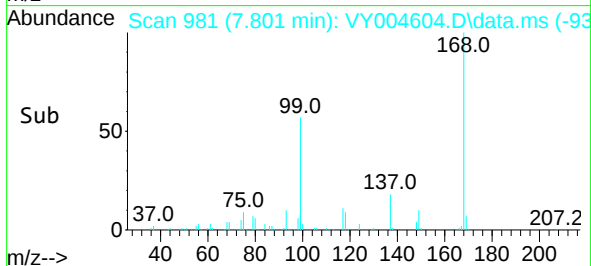
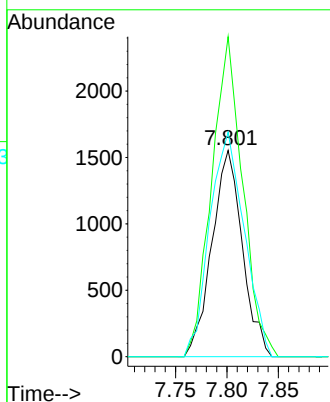


#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004604.D
Acq: 23 Apr 2021 14:49

Instrument :
MSVOA_Y
ClientSampleId :

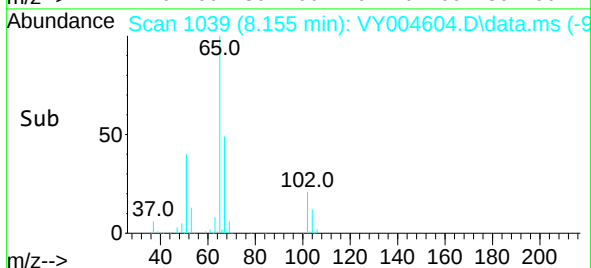
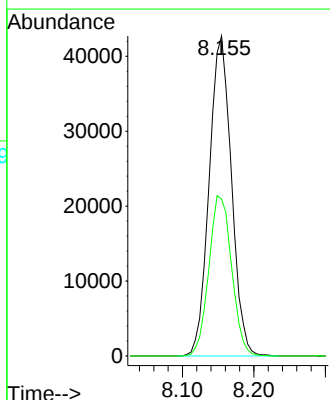
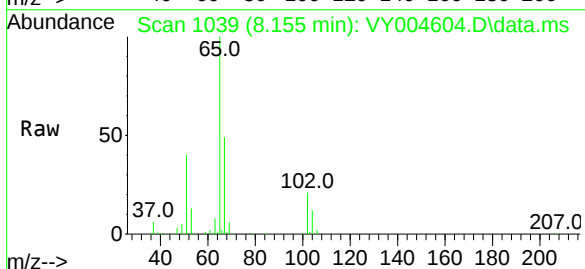


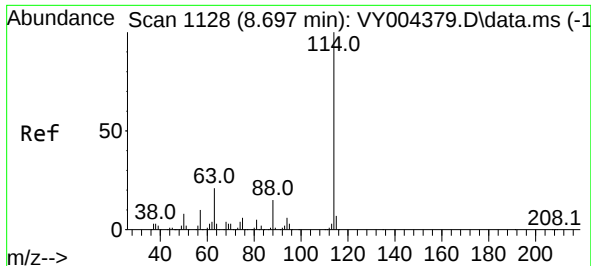
Tgt Ion: 56 Resp: 3200
Ion Ratio Lower Upper
56 100
69 155.1 25.8 38.6#
84 108.8 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 62.42 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004604.D
Acq: 23 Apr 2021 14:49

Tgt Ion: 65 Resp: 92242
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.4

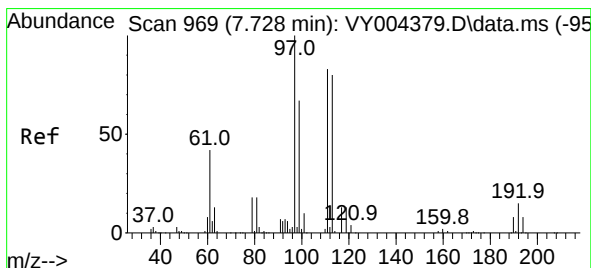
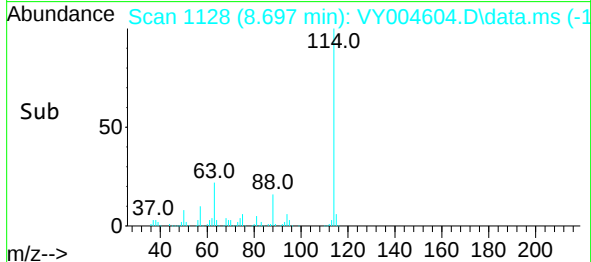
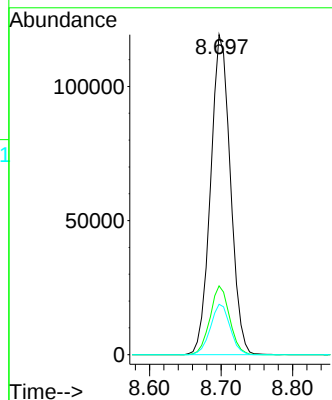
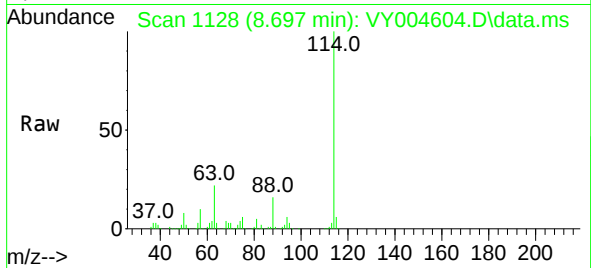




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004604.D
Acq: 23 Apr 2021 14:49

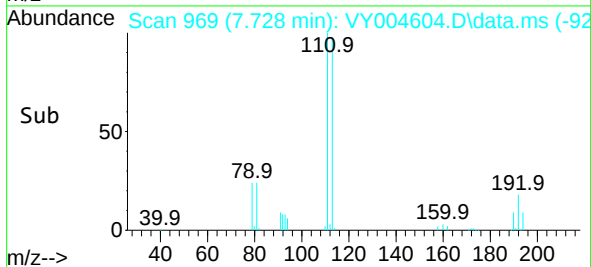
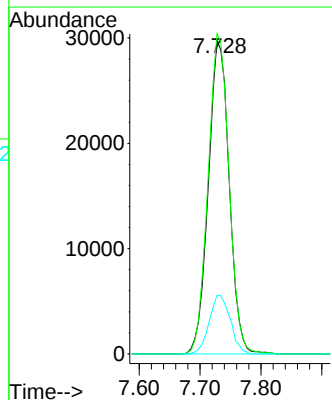
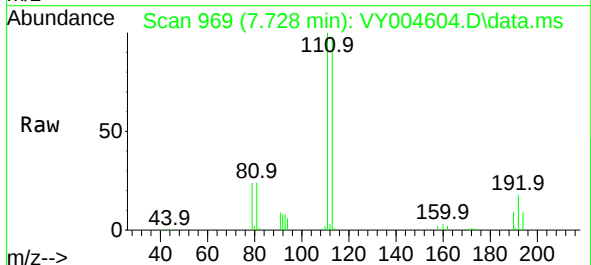
Instrument :
MSVOA_Y
ClientSampled :

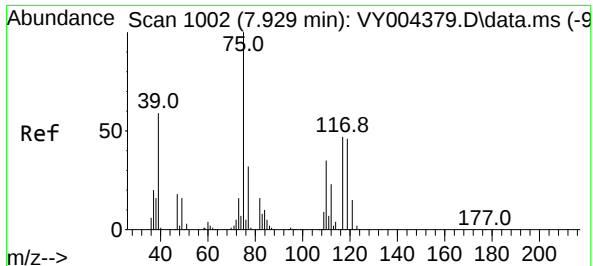
Tgt Ion:114 Resp: 229119
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.4
88 15.8 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.70 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004604.D
Acq: 23 Apr 2021 14:49

Tgt Ion:113 Resp: 70823
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 18.9 16.1 24.1



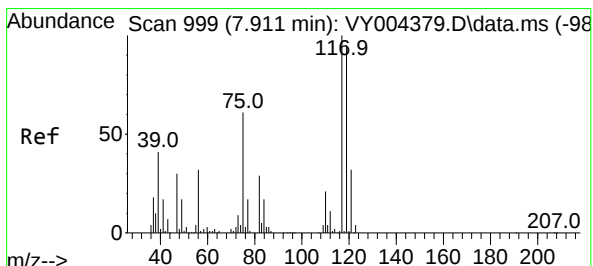
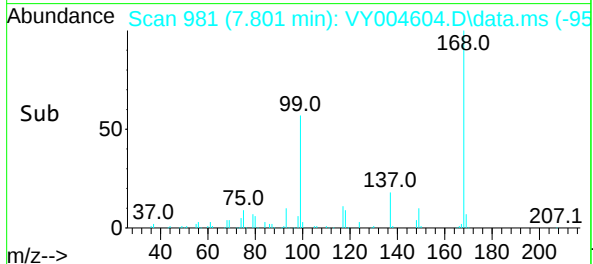
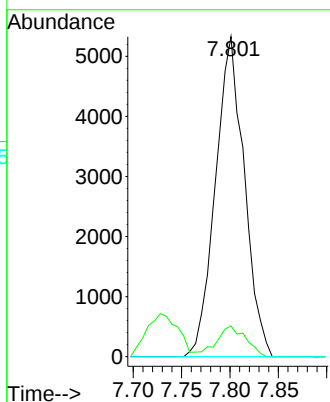
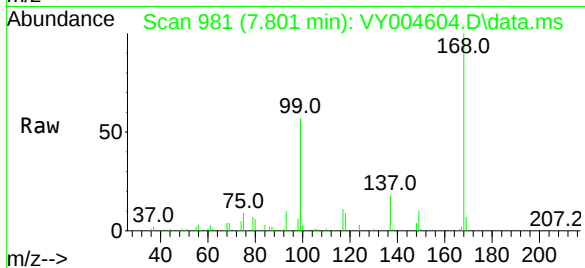


#36

1,1-Dichloropropene
Concen: 4.85 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004604.D
Acq: 23 Apr 2021 14:49

Instrument :
MSVOA_Y
ClientSampled :

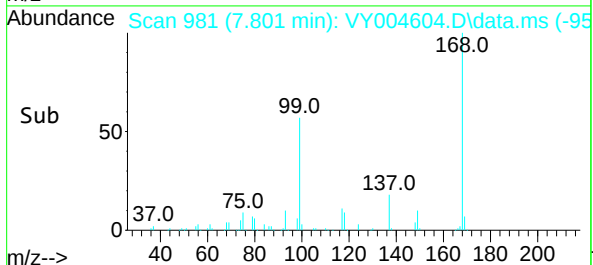
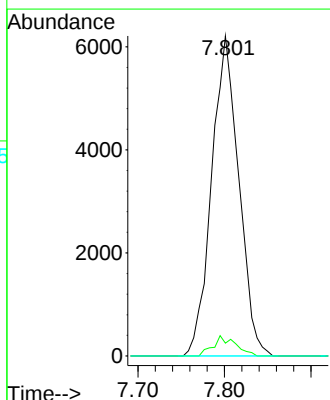
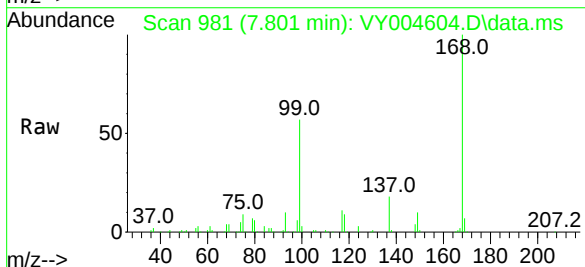
Tgt Ion: 75 Resp: 11045
Ion Ratio Lower Upper
75 100
110 9.7 17.3 51.7#
77 0.0 24.3 36.5#

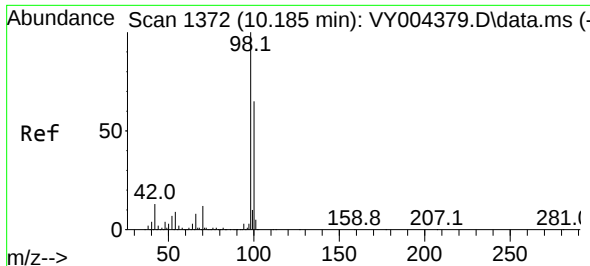


#38

Carbon Tetrachloride
Concen: 6.89 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004604.D
Acq: 23 Apr 2021 14:49

Tgt Ion: 117 Resp: 13551
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.8#
121 0.0 25.3 37.9#

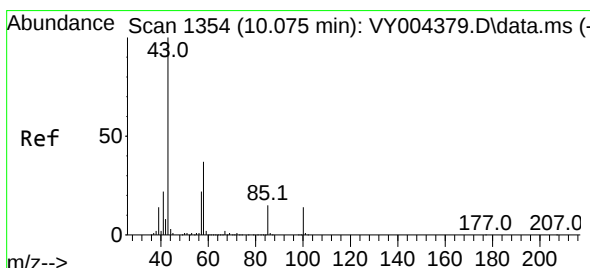
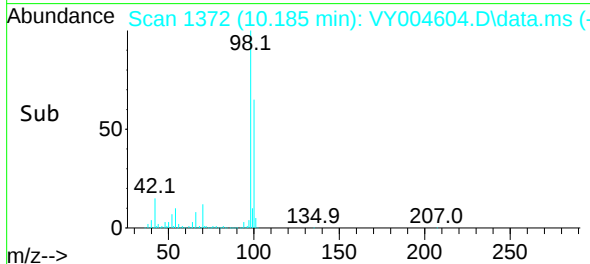
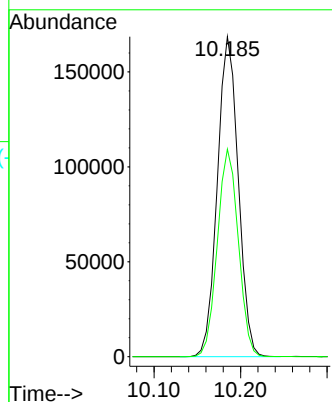
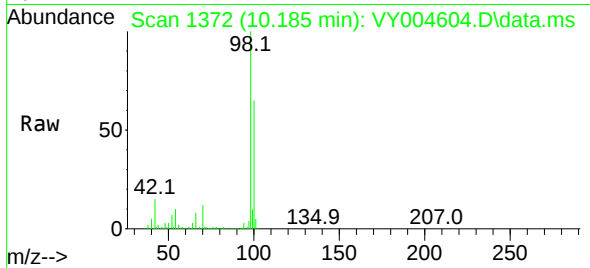




#50
Toluene-d8
Concen: 52.25 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004604.D
Acq: 23 Apr 2021 14:49

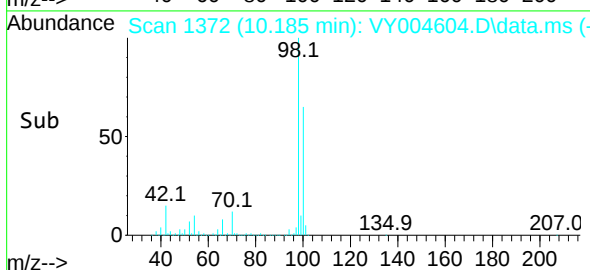
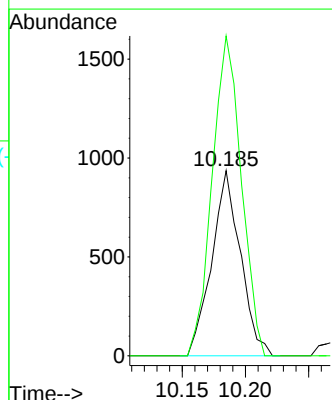
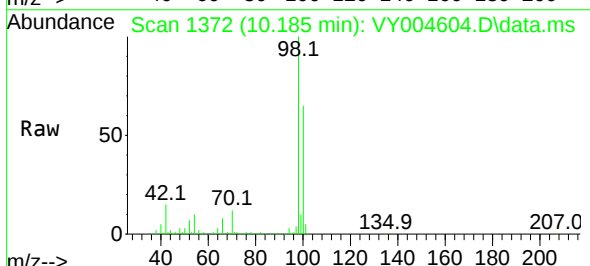
Instrument :
MSVOA_Y
ClientSampled :

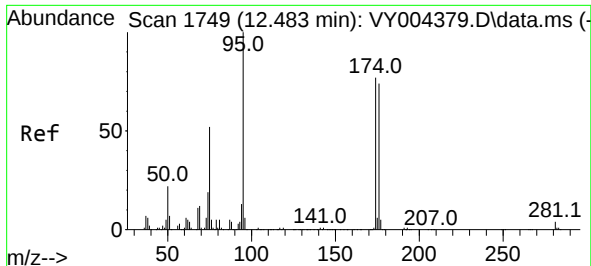
Tgt Ion: 98 Resp: 282575
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.04 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004604.D
Acq: 23 Apr 2021 14:49

Tgt Ion: 43 Resp: 1478
Ion Ratio Lower Upper
43 100
58 175.1 29.2 43.8#

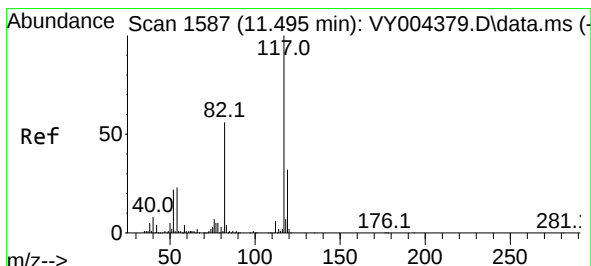
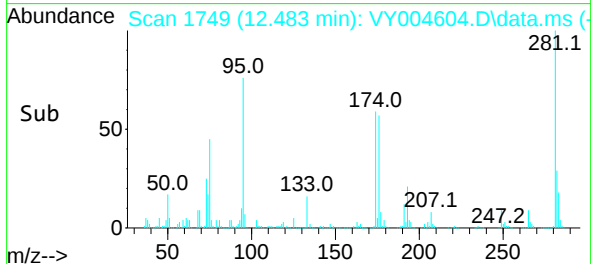
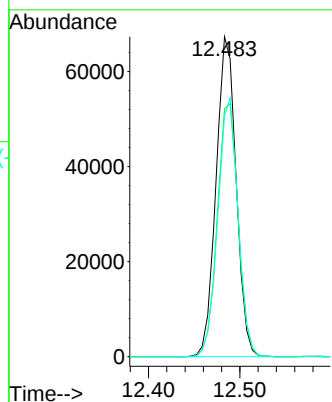
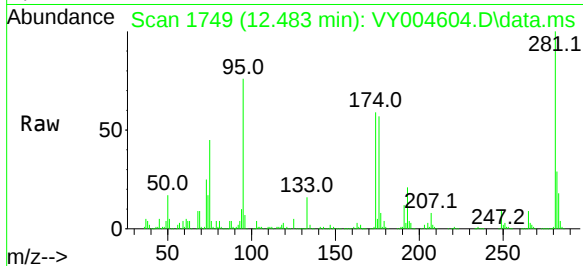




#62
4-Bromofluorobenzene
Concen: 55.95 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004604.D
Acq: 23 Apr 2021 14:49

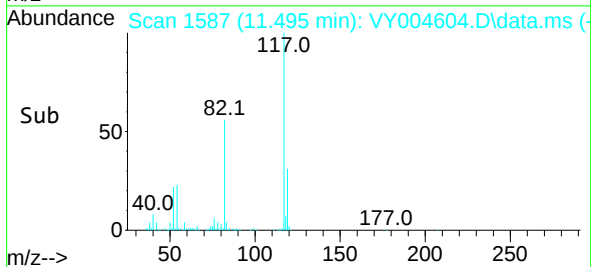
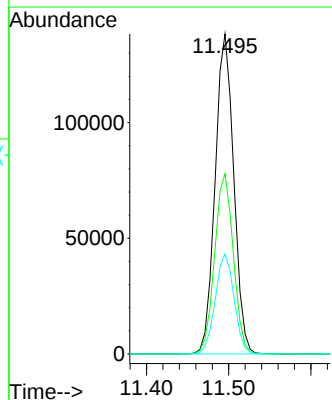
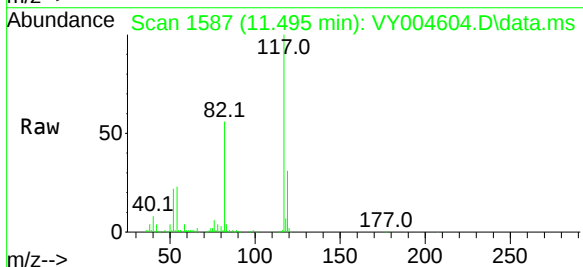
Instrument :
MSVOA_Y
ClientSampleId :

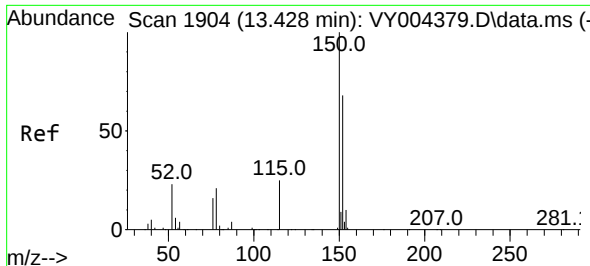
Tgt Ion: 95 Resp: 102683
Ion Ratio Lower Upper
95 100
174 82.2 0.0 162.4
176 81.5 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004604.D
Acq: 23 Apr 2021 14:49

Tgt Ion: 117 Resp: 217219
Ion Ratio Lower Upper
117 100
82 56.4 44.9 67.3
119 31.3 25.4 38.0

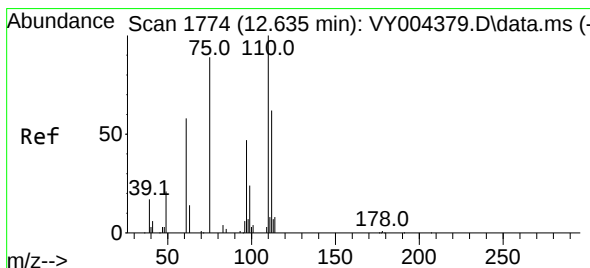
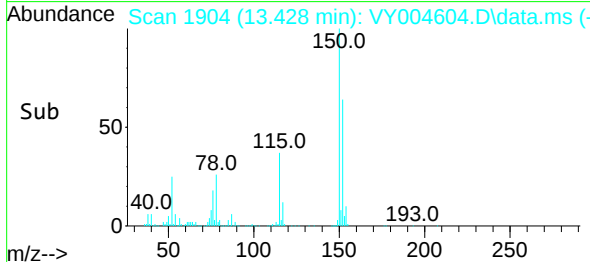
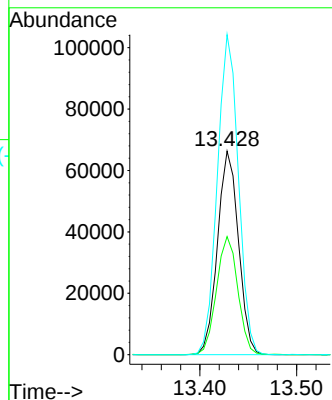
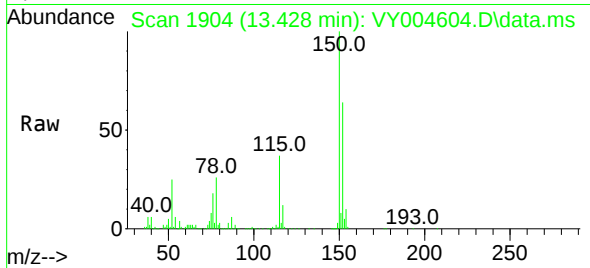




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004604.D
Acq: 23 Apr 2021 14:49

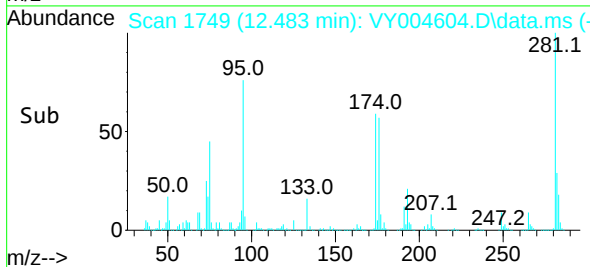
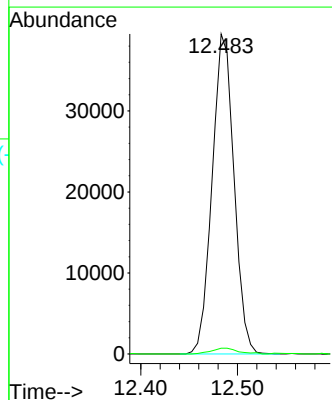
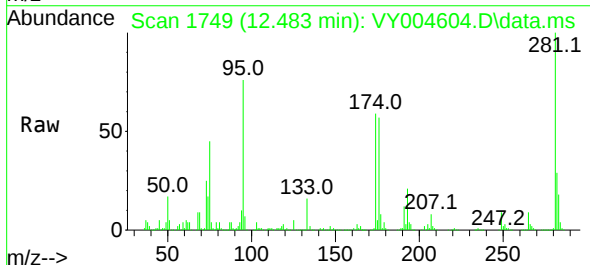
Instrument :
MSVOA_Y
ClientSampled :

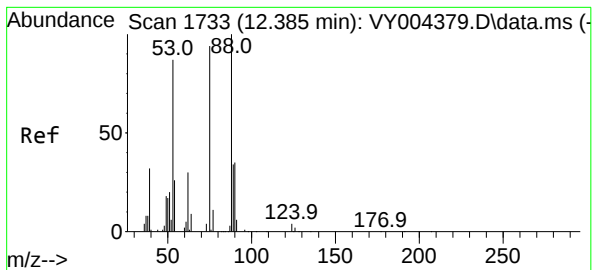
Tgt Ion:152 Resp: 99932
Ion Ratio Lower Upper
152 100
115 59.1 29.6 88.8
150 157.8 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 57.69 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004604.D
Acq: 23 Apr 2021 14:49

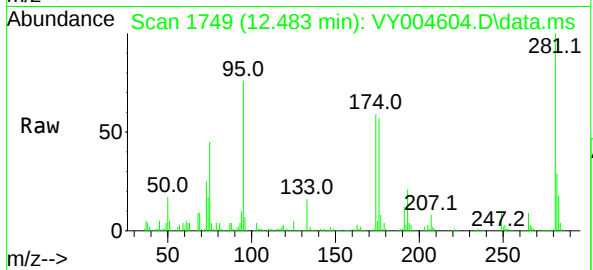
Tgt Ion: 75 Resp: 61873
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.20 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004604.D
 Acq: 23 Apr 2021 14:49

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	61873
Ion	Ratio	Lower	Upper
75	100		
53	0.1	75.0	112.6#
89	3.2	36.1	54.1#

