

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
 Data File : VY004184.D
 Acq On : 24 Mar 2021 13:38
 Operator : SY/MD
 Sample : M1777-02
 Misc : 4.99g/5mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 25 01:19:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	193377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	331934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	321426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169368	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	112946	59.19	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.38%
35) Dibromofluoromethane	7.728	113	101312	54.12	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.24%
50) Toluene-d8	10.185	98	394938	53.82	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.64%
62) 4-Bromofluorobenzene	12.483	95	152109	56.12	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.24%

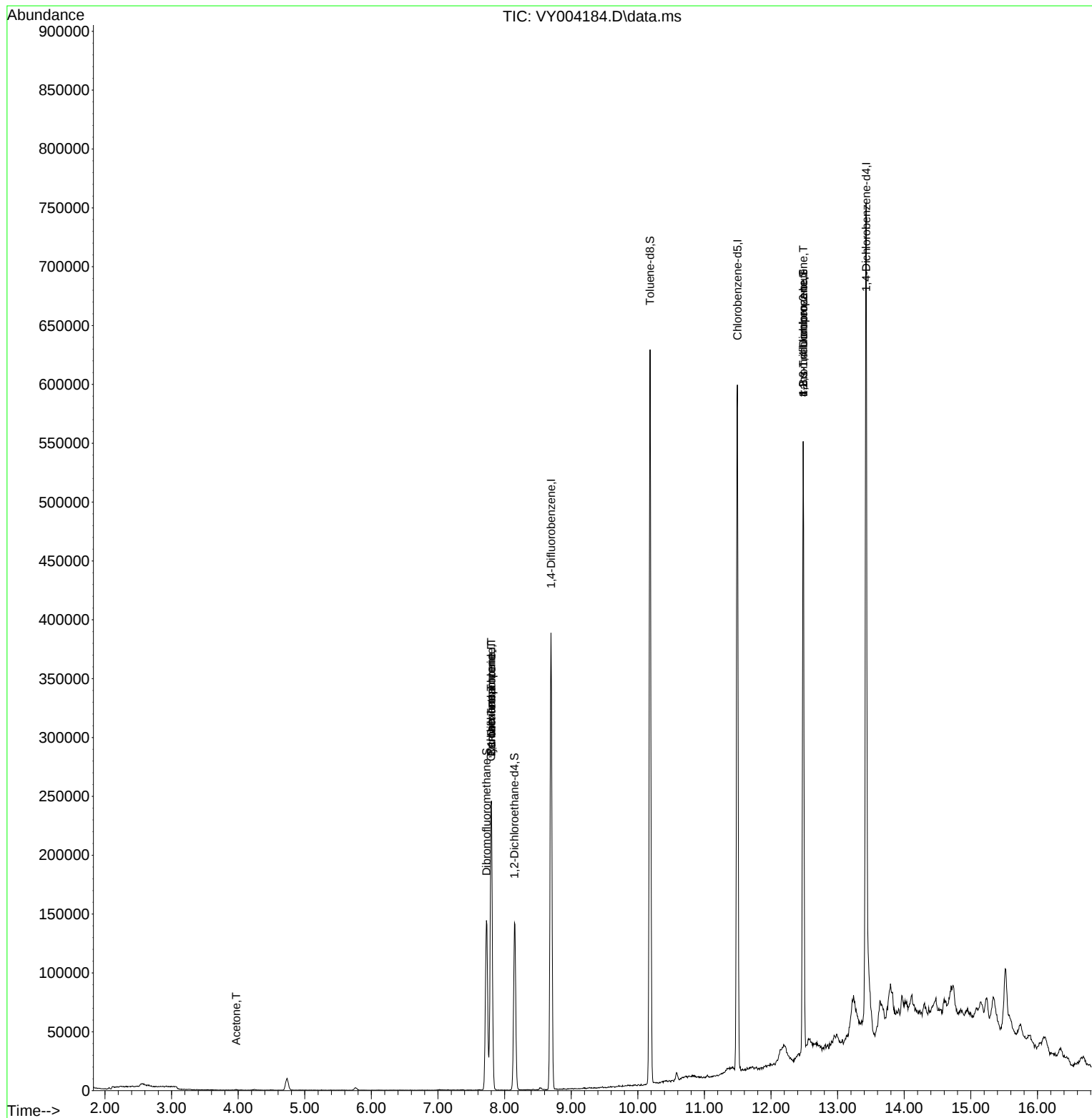
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	56	Below Cal	#	41
3) Chloromethane	2.113	50	760	Below Cal	#	83
16) Acetone	3.972	43	815	1.77	ug/l	90
20) Methylene Chloride	4.734	84	7626	Below Cal	#	88
31) Cyclohexane	7.795	56	3800	1.14	ug/l	# 1
36) 1,1-Dichloropropene	7.801	75	14199	4.87	ug/l	# 51
38) Carbon Tetrachloride	7.801	117	19403	6.27	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	79954	49.23	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	79954	97.17	ug/l	# 13

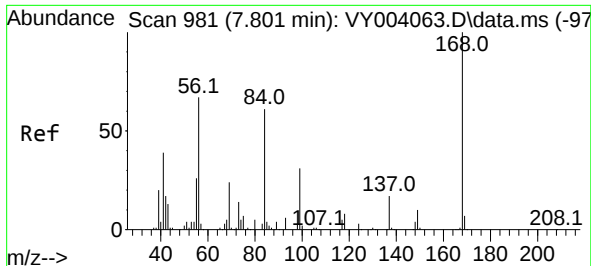
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

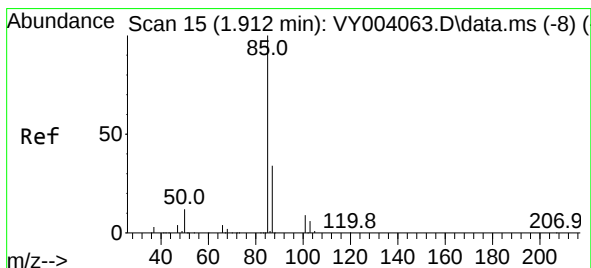
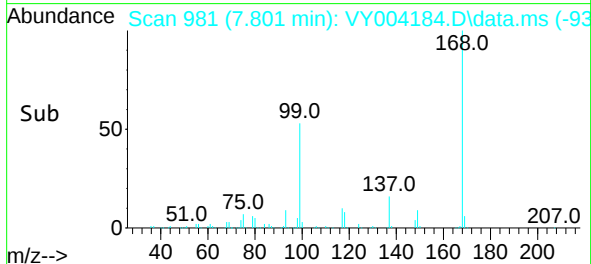
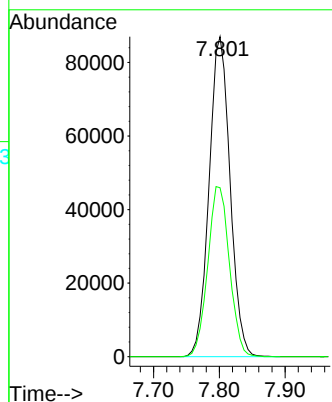
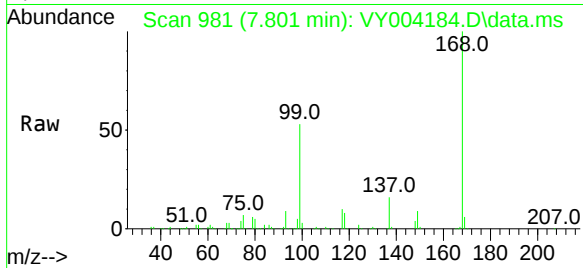




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004184.D
Acq: 24 Mar 2021 13:38

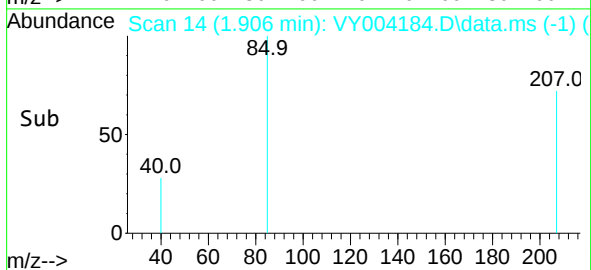
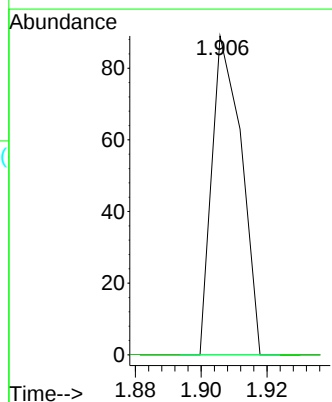
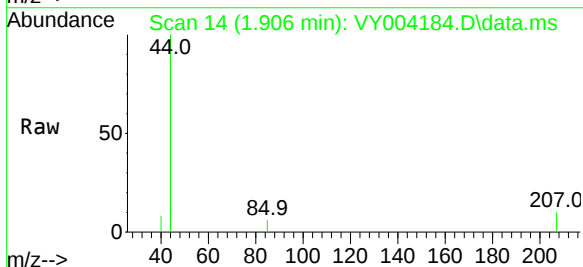
Instrument :
MSVOA_Y
ClientSampled :

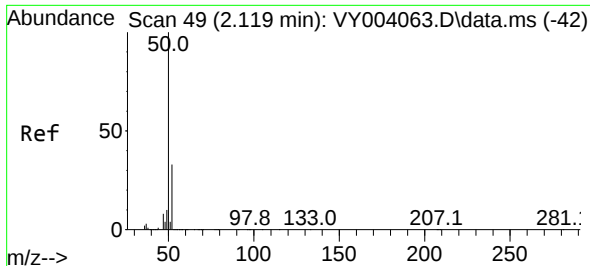
Tgt Ion:168 Resp: 193377
Ion Ratio Lower Upper
168 100
99 52.8 41.2 61.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY004184.D
Acq: 24 Mar 2021 13:38

Tgt Ion: 85 Resp: 56
Ion Ratio Lower Upper
85 100
87 0.0 17.0 51.0#

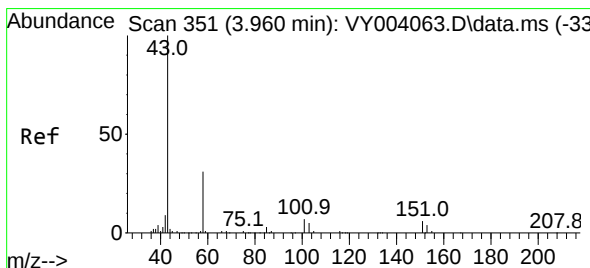
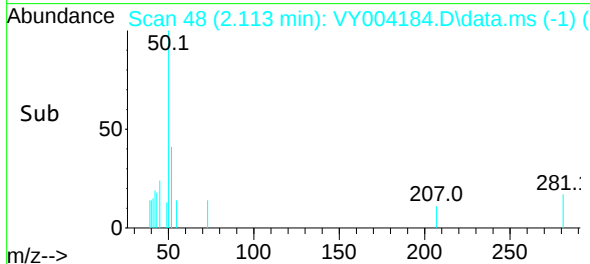
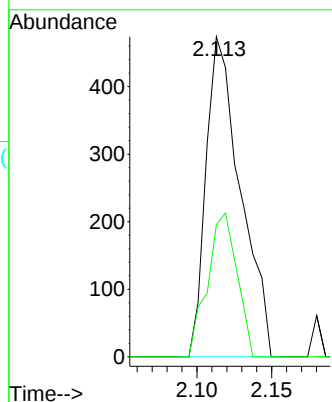
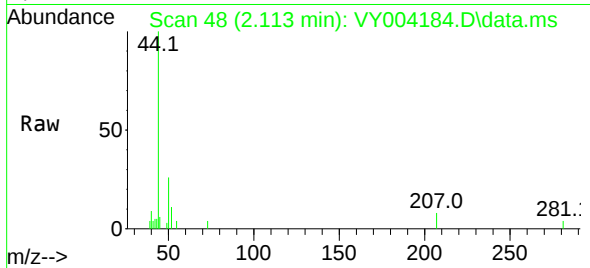




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY004184.D
Acq: 24 Mar 2021 13:38

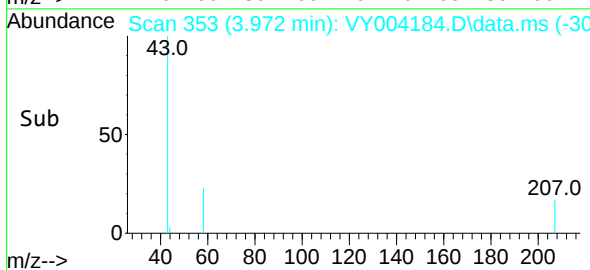
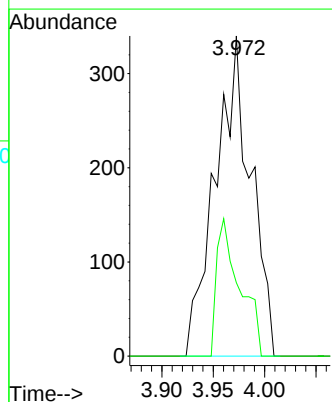
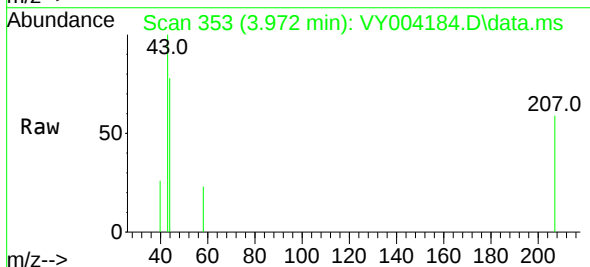
Instrument :
MSVOA_Y
ClientSampleId :

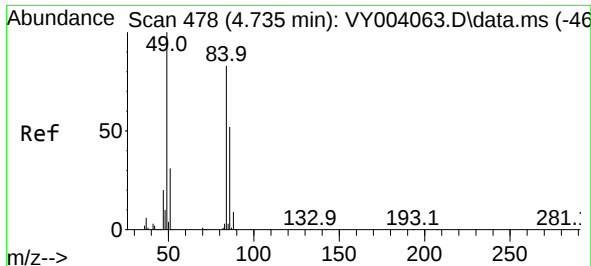
Tgt Ion: 50 Resp: 760
Ion Ratio Lower Upper
50 100
52 41.4 25.4 38.2#



#16
Acetone
Concen: 1.77 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY004184.D
Acq: 24 Mar 2021 13:38

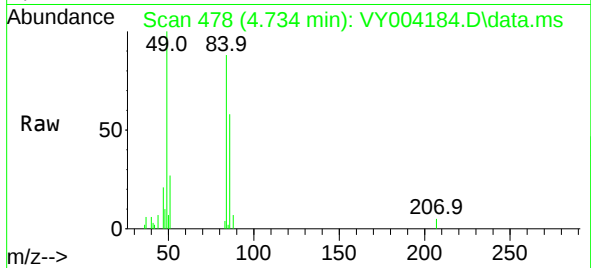
Tgt Ion: 43 Resp: 815
Ion Ratio Lower Upper
43 100
58 22.9 22.6 34.0



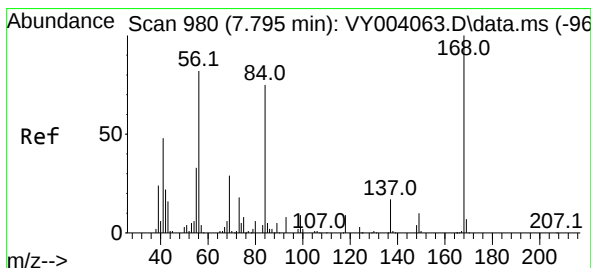
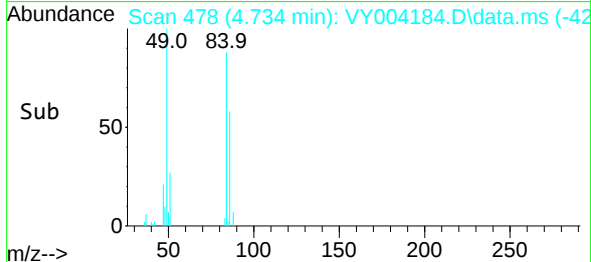
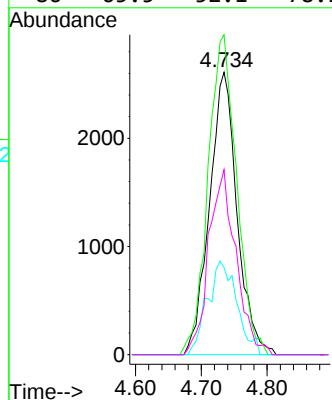


#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. -0.001 min
Lab File: VY004184.D
Acq: 24 Mar 2021 13:38

Instrument :
MSVOA_Y
ClientSampleId :

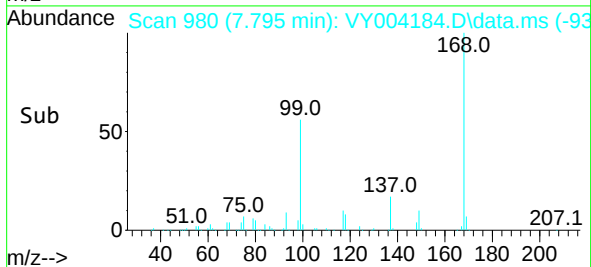
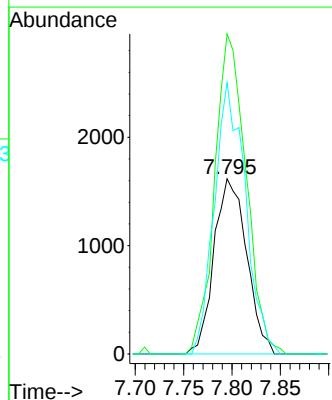
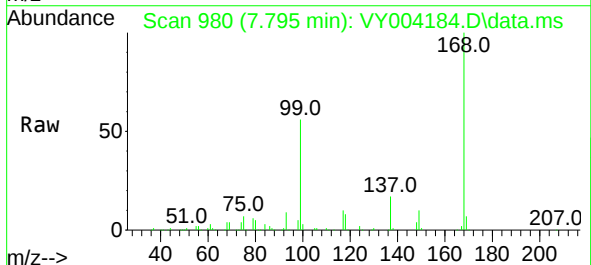


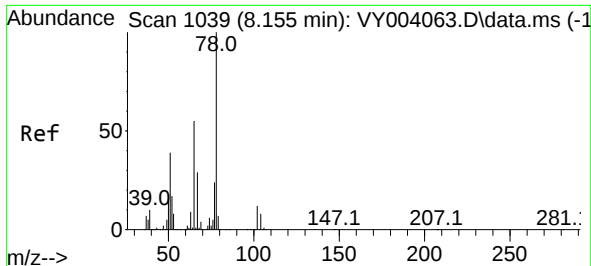
Tgt Ion:	84	Resp:	7626
Ion	Ratio	Lower	Upper
84	100		
49	113.3	105.8	158.6
51	30.9	32.6	48.8#
86	65.5	52.1	78.1



#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004184.D
Acq: 24 Mar 2021 13:38

Tgt Ion:	56	Resp:	3800
Ion	Ratio	Lower	Upper
56	100		
69	182.7	25.3	37.9#
84	154.9	67.3	100.9#

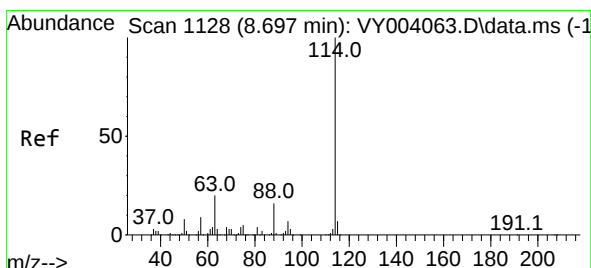
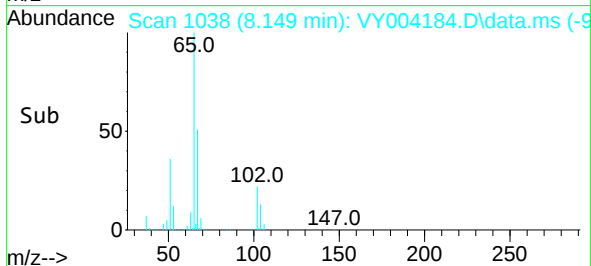
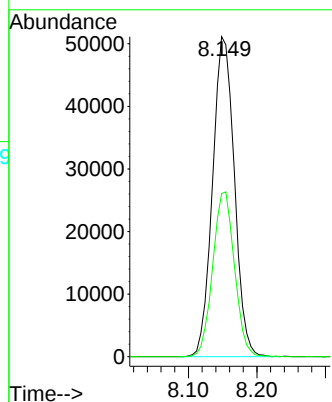
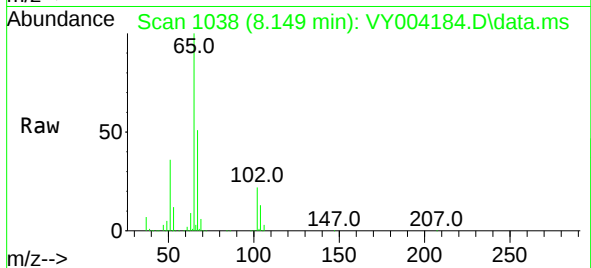




#33
1,2-Dichloroethane-d4
Concen: 59.19 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004184.D
Acq: 24 Mar 2021 13:38

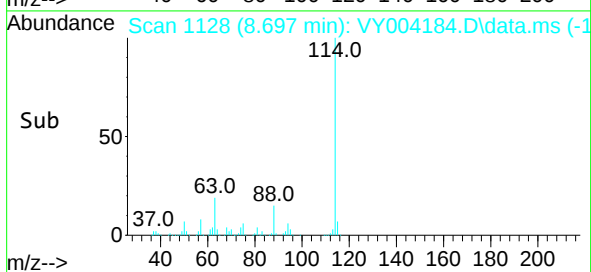
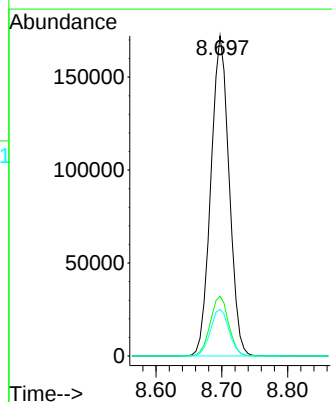
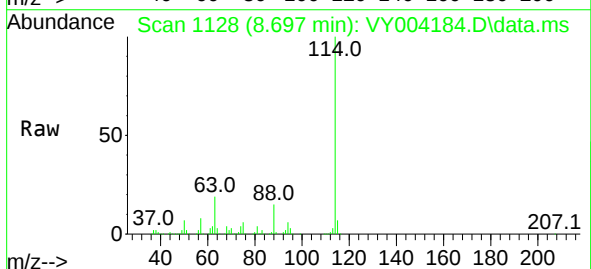
Instrument :
MSVOA_Y
ClientSampleId :

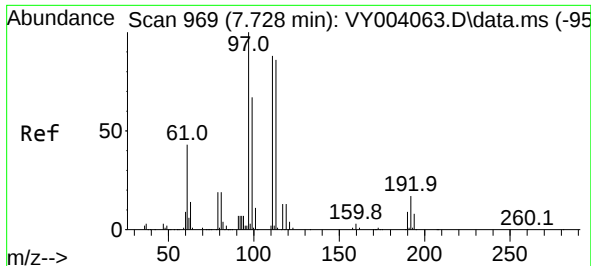
Tgt Ion: 65 Resp: 112946
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004184.D
Acq: 24 Mar 2021 13:38

Tgt Ion: 114 Resp: 331934
Ion Ratio Lower Upper
114 100
63 18.7 0.0 41.6
88 14.6 0.0 31.4

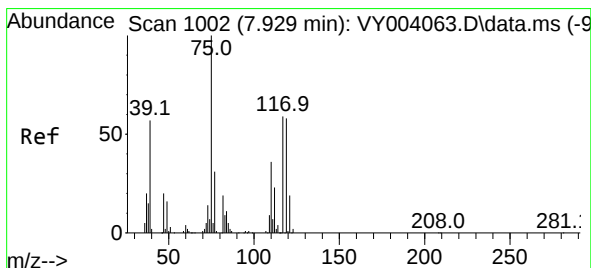
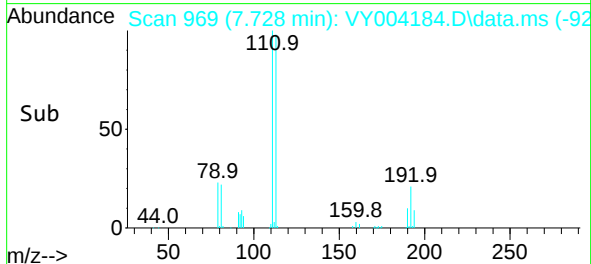
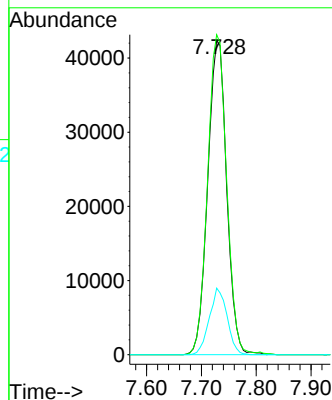
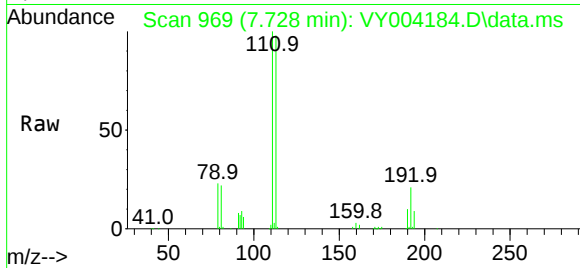




#35
Dibromofluoromethane
Concen: 54.12 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004184.D
Acq: 24 Mar 2021 13:38

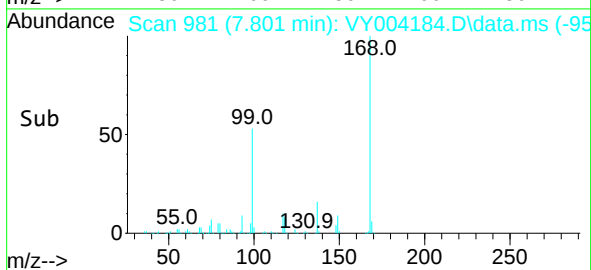
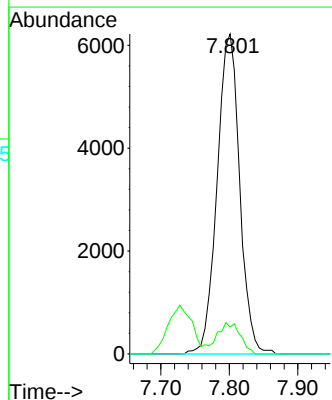
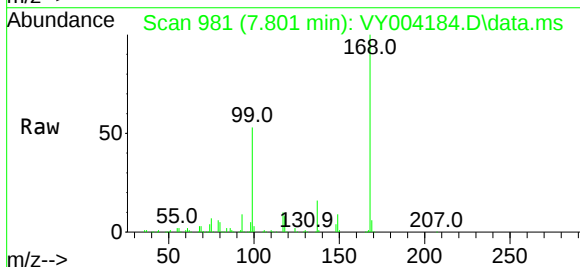
Instrument :
MSVOA_Y
ClientSampled :

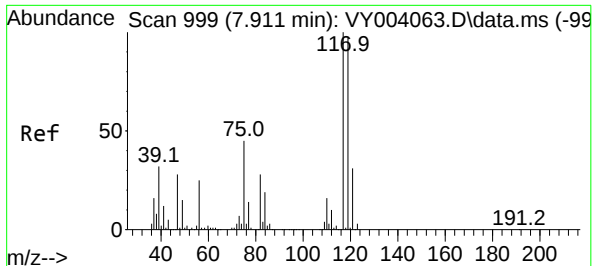
Tgt Ion:113 Resp: 101312
Ion Ratio Lower Upper
113 100
111 102.8 83.2 124.8
192 19.9 18.5 27.7



#36
1,1-Dichloropropene
Concen: 4.87 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004184.D
Acq: 24 Mar 2021 13:38

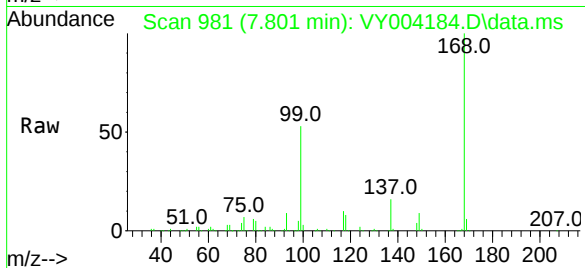
Tgt Ion: 75 Resp: 14199
Ion Ratio Lower Upper
75 100
110 9.6 17.4 52.3#
77 0.0 24.5 36.7#



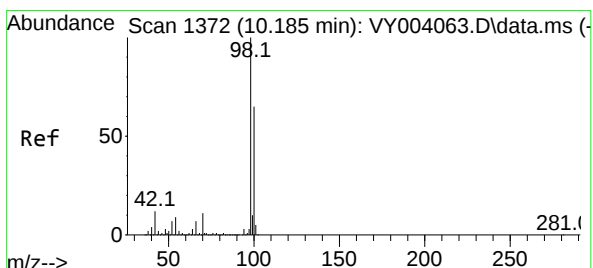
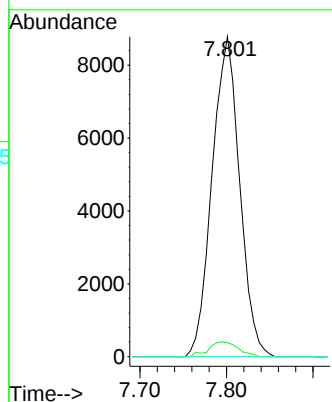
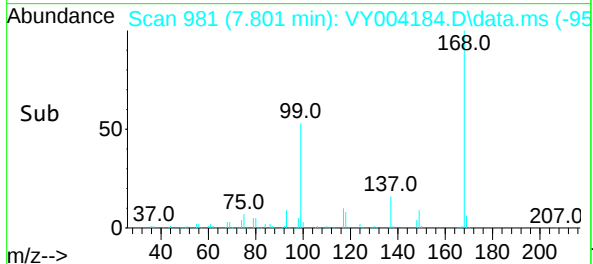


#38
Carbon Tetrachloride
Concen: 6.27 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004184.D
Acq: 24 Mar 2021 13:38

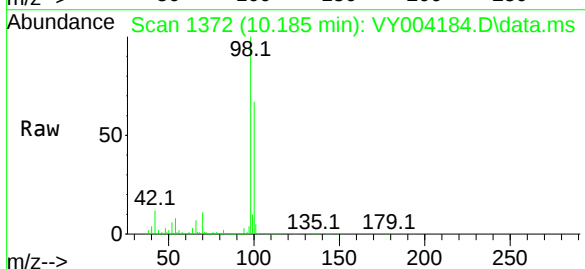
Instrument :
MSVOA_Y
ClientSampleId :



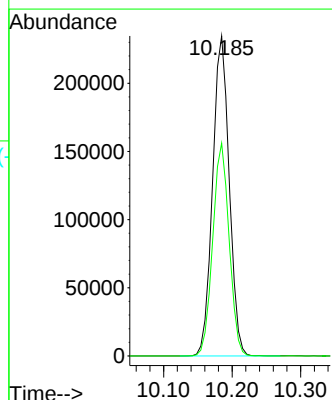
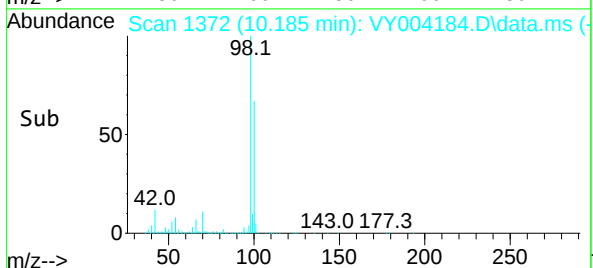
Tgt Ion:117 Resp: 19403
Ion Ratio Lower Upper
117 100
119 4.4 75.4 113.0#
121 0.0 24.2 36.2#

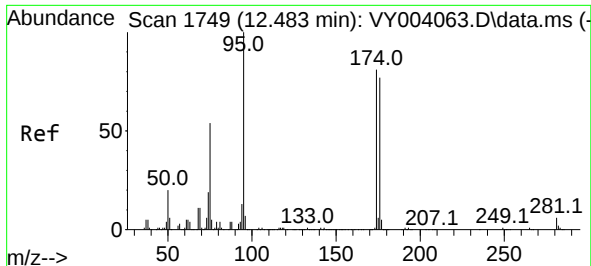


#50
Toluene-d8
Concen: 53.82 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004184.D
Acq: 24 Mar 2021 13:38



Tgt Ion: 98 Resp: 394938
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6

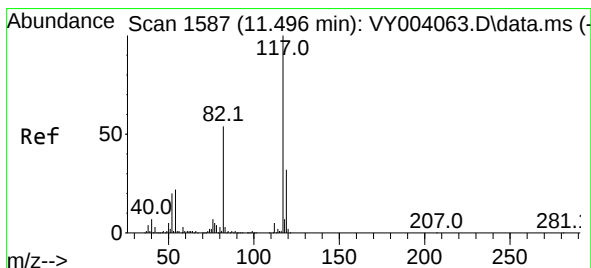
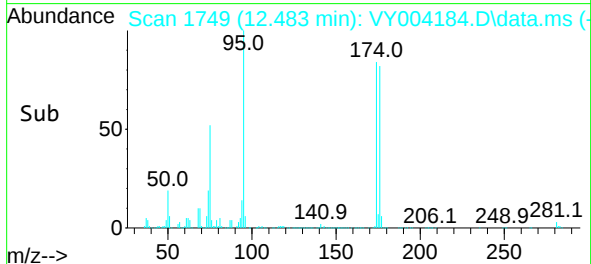
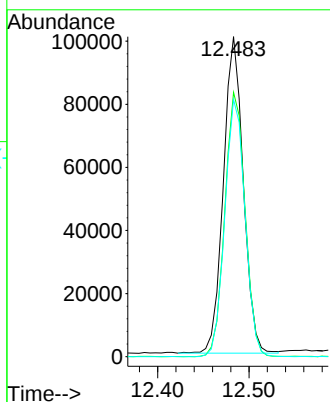
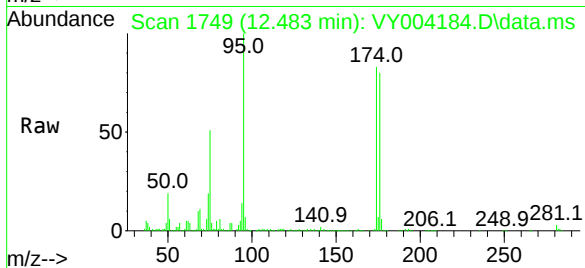




#62
4-Bromofluorobenzene
Concen: 56.12 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004184.D
Acq: 24 Mar 2021 13:38

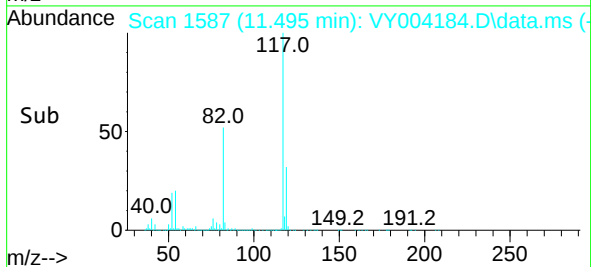
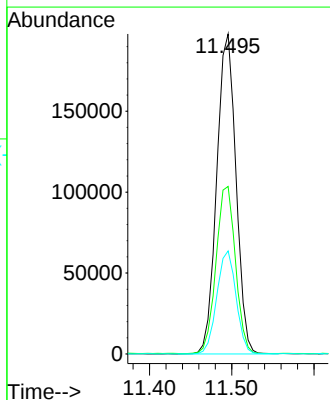
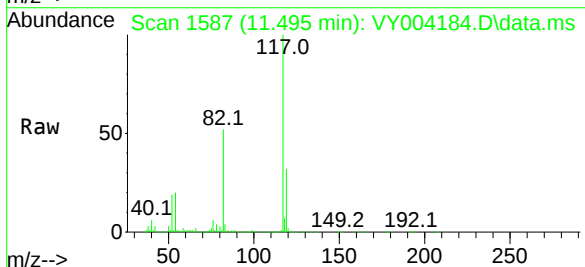
Instrument :
MSVOA_Y
ClientSampled :

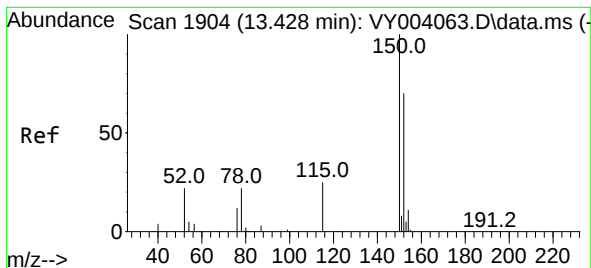
Tgt Ion: 95 Resp: 152109
Ion Ratio Lower Upper
95 100
174 85.0 0.0 179.0
176 82.5 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004184.D
Acq: 24 Mar 2021 13:38

Tgt Ion: 117 Resp: 321426
Ion Ratio Lower Upper
117 100
82 52.2 43.8 65.6
119 32.2 26.2 39.2

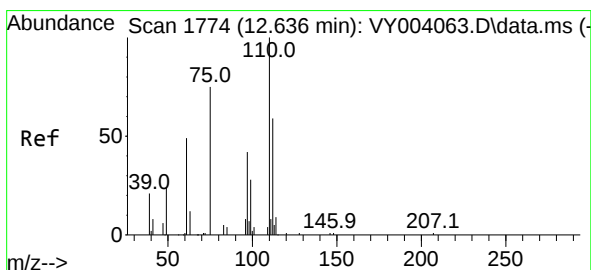
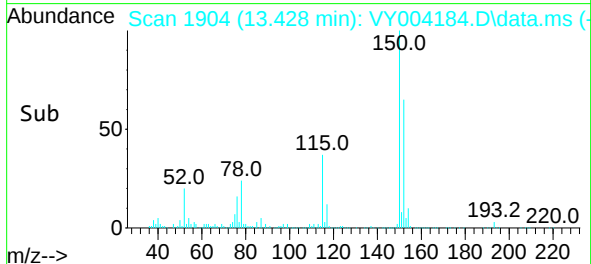
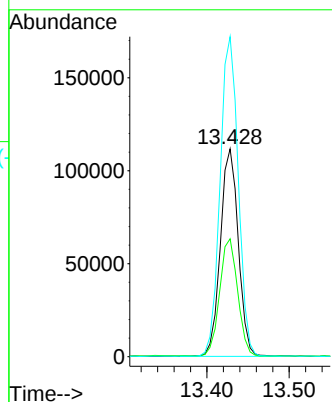
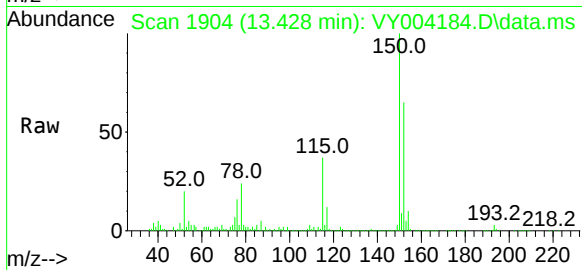




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004184.D
 Acq: 24 Mar 2021 13:38

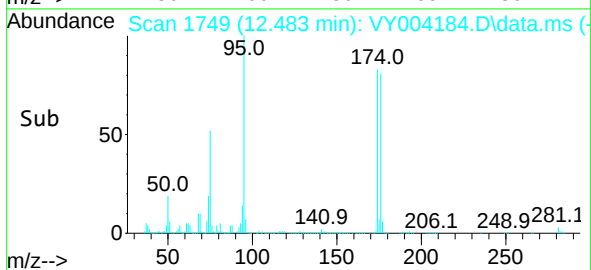
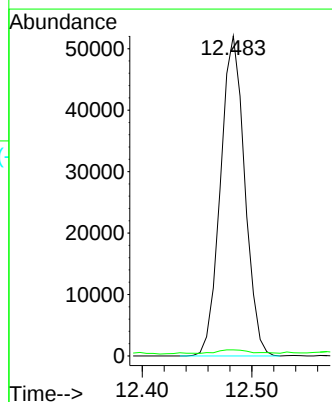
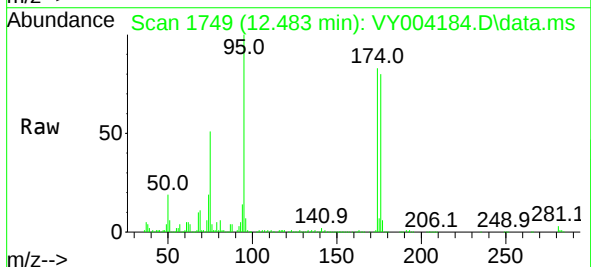
Instrument :
 MSVOA_Y
 ClientSampled :

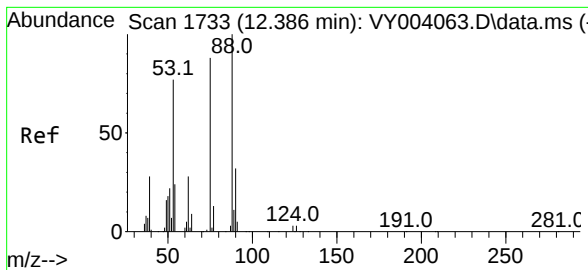
Tgt Ion:152 Resp: 169368
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.2 84.6
 150 155.4 0.0 347.2



#76
 1,2,3-Trichloropropane
 Concen: 49.23 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004184.D
 Acq: 24 Mar 2021 13:38

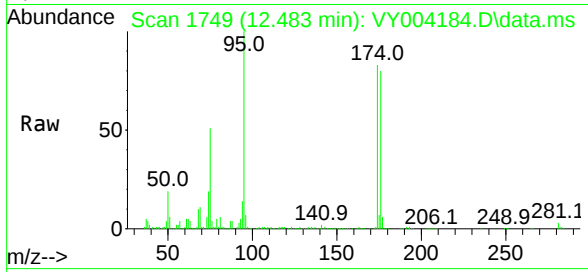
Tgt Ion: 75 Resp: 79954
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.17 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004184.D
 Acq: 24 Mar 2021 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 79954
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.5 110.3#
 89 0.2 35.7 53.5#

