

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004454.D
 Acq On : 15 Apr 2021 20:23
 Operator : SY/MD
 Sample : M2048-19
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 16 05:07:13 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)

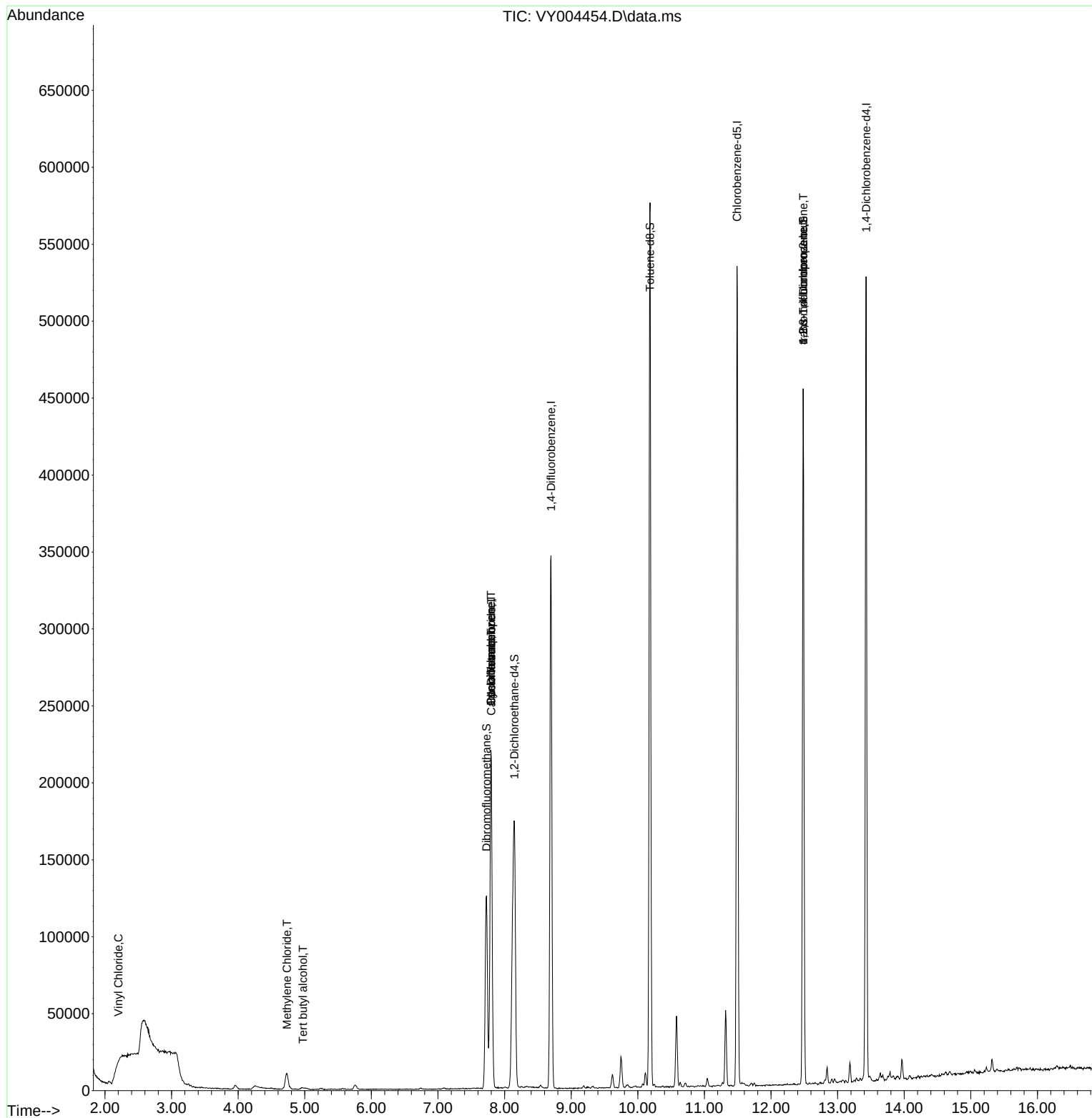
Internal Standards						
1) Pentafluorobenzene	7.795	168	167158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	290660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	277122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127213	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108548	58.45	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.90%
35) Dibromofluoromethane	7.728	113	88506	54.87	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.74%
50) Toluene-d8	10.185	98	361074	52.63	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.26%
62) 4-Bromofluorobenzene	12.483	95	125463	53.89	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.78%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.205	62	7956	3.36	ug/l #	43
11) Tert butyl alcohol	4.972	59	2354	12.86	ug/l #	80
16) Acetone	3.954	43	4254	Below Cal	#	85
20) Methylene Chloride	4.735	84	7219	4.02	ug/l #	82
31) Cyclohexane	7.795	56	3884	1.14	ug/l #	13
36) 1,1-Dichloropropene	7.795	75	13563	4.70	ug/l #	50
38) Carbon Tetrachloride	7.801	117	16895	6.77	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	69226	50.70	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69226	90.70	ug/l #	12

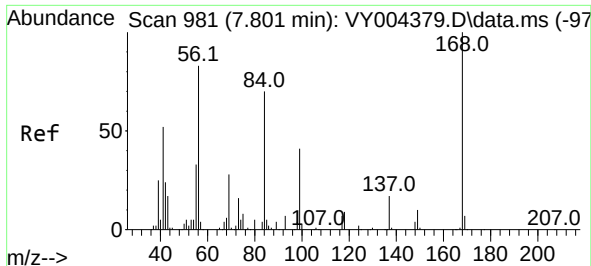
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :

Quant Time: Apr 16 05:07:13 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

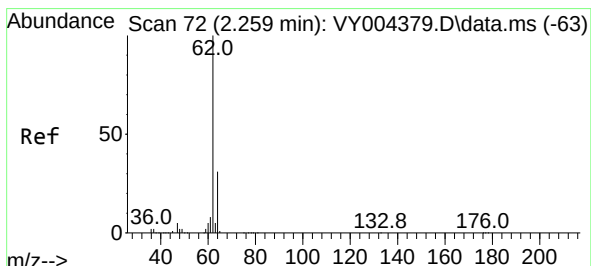
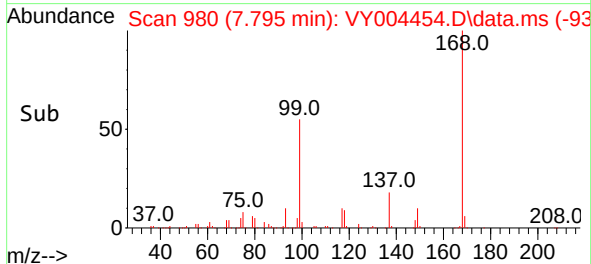
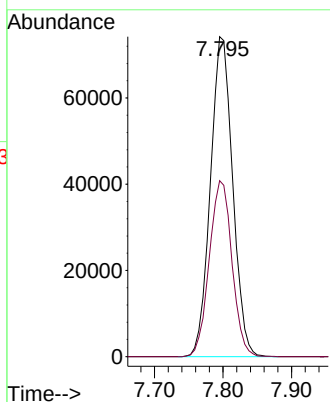
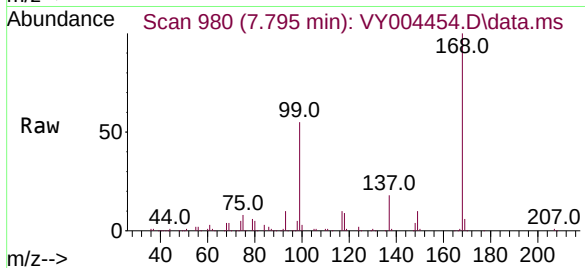




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004454.D
Acq: 15 Apr 2021 20:23

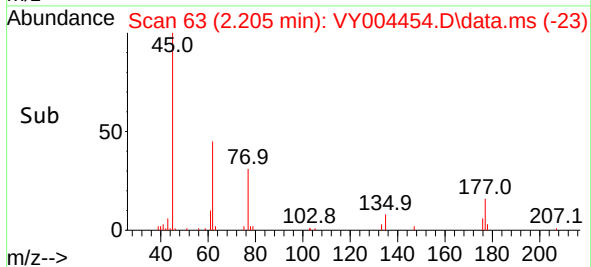
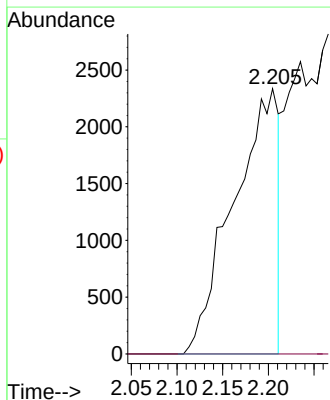
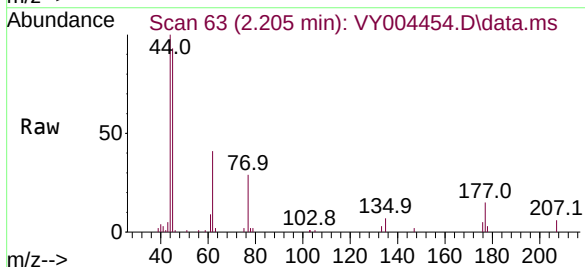
Instrument :
MSVOA_Y
ClientSampleId :

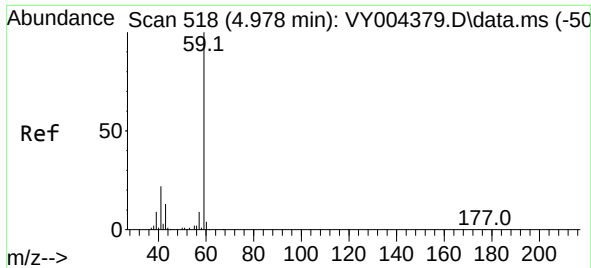
Tgt Ion:168 Resp: 167158
Ion Ratio Lower Upper
168 100
99 55.0 45.5 68.3



#4
Vinyl Chloride
Concen: 3.36 ug/l
RT: 2.205 min Scan# 63
Delta R.T. -0.055 min
Lab File: VY004454.D
Acq: 15 Apr 2021 20:23

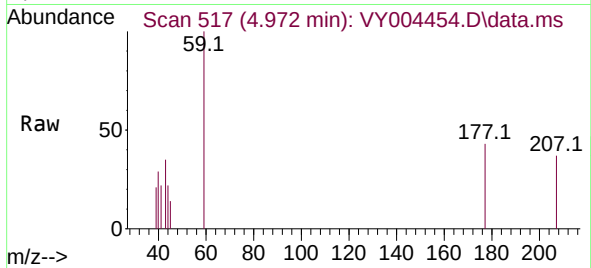
Tgt Ion: 62 Resp: 7956
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



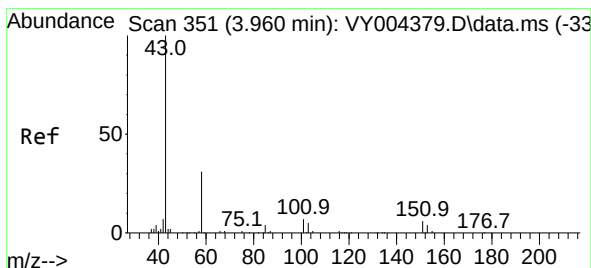
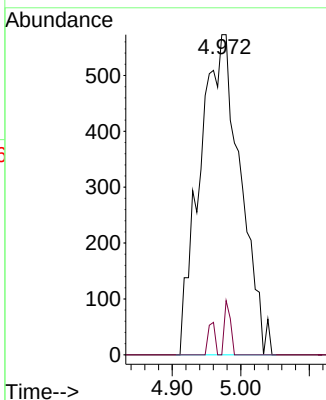
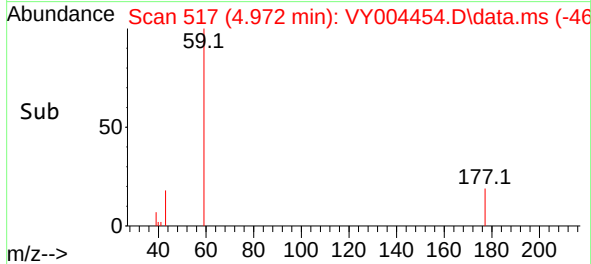


#11
Tert butyl alcohol
Concen: 12.86 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004454.D
Acq: 15 Apr 2021 20:23

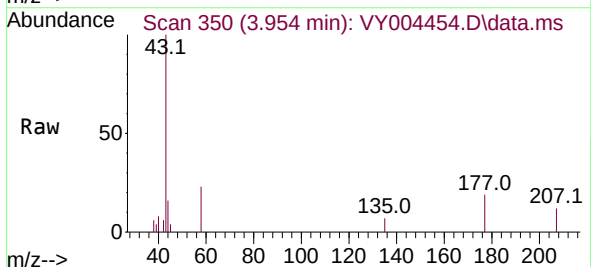
Instrument :
MSVOA_Y
ClientSampleId :



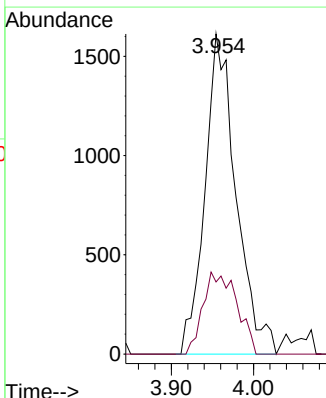
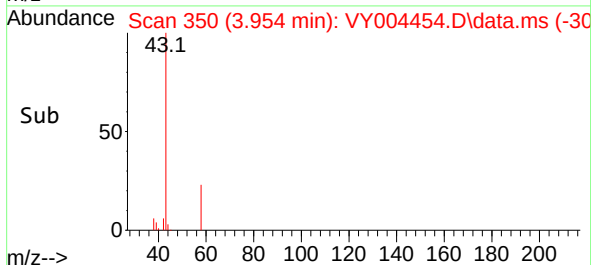
Tgt Ion: 59 Resp: 2354
Ion Ratio Lower Upper
59 100
57 2.5 8.1 12.1#

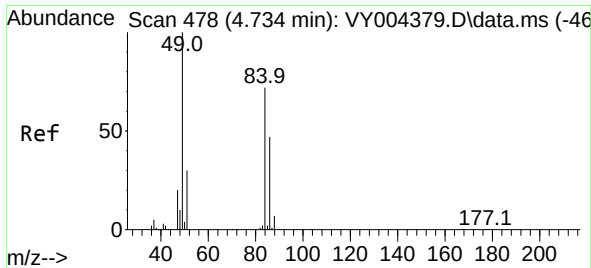


#16
Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004454.D
Acq: 15 Apr 2021 20:23



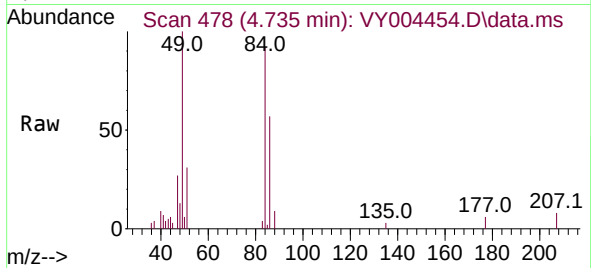
Tgt Ion: 43 Resp: 4254
Ion Ratio Lower Upper
43 100
58 22.5 24.6 37.0#



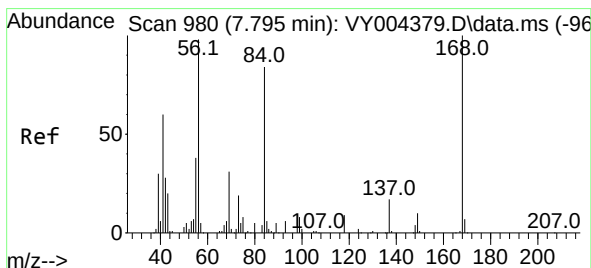
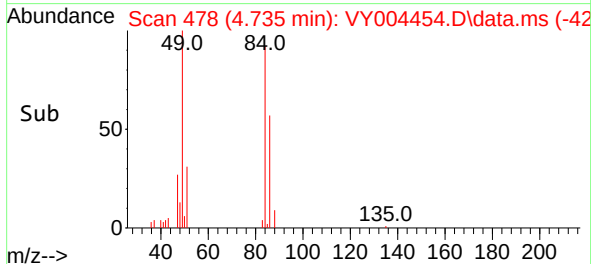
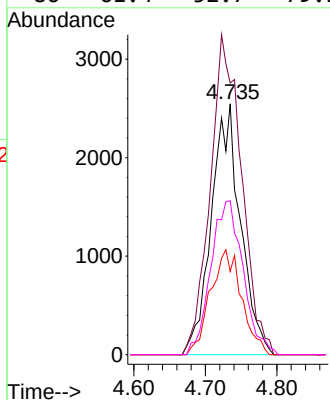


#20
Methylene Chloride
Concen: 4.02 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004454.D
Acq: 15 Apr 2021 20:23

Instrument :
MSVOA_Y
ClientSampled :

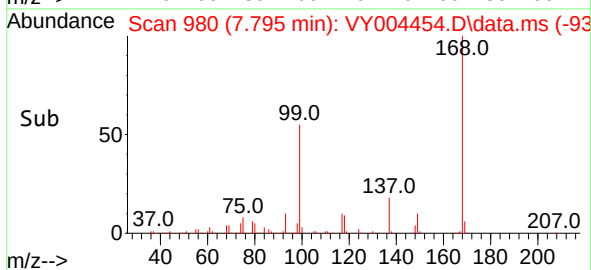
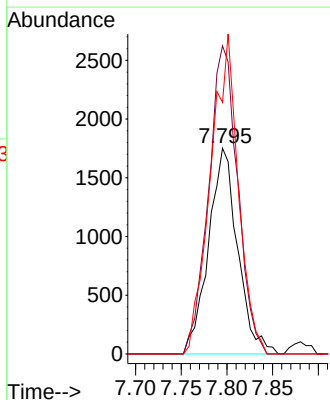
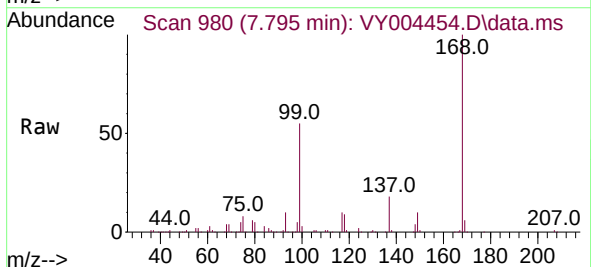


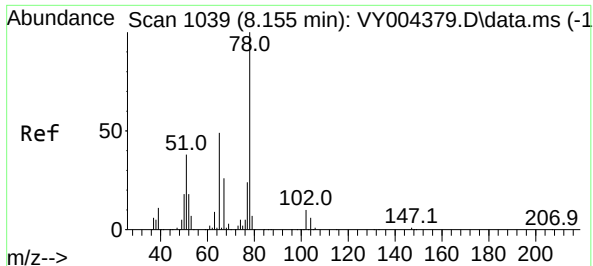
Tgt Ion:	84	Resp:	7219
Ion	Ratio	Lower	Upper
84	100		
49	108.3	111.2	166.8#
51	33.2	33.4	50.2#
86	61.4	52.7	79.1



#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004454.D
Acq: 15 Apr 2021 20:23

Tgt Ion:	56	Resp:	3884
Ion	Ratio	Lower	Upper
56	100		
69	149.8	25.8	38.6#
84	122.3	68.2	102.4#

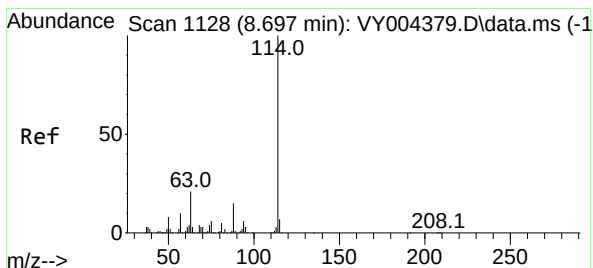
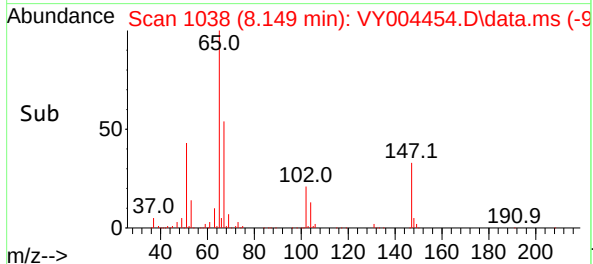
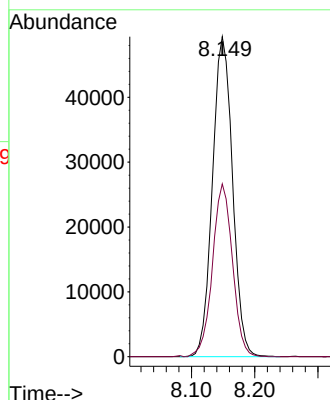
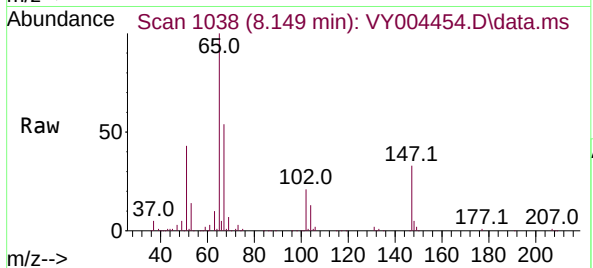




#33
1,2-Dichloroethane-d4
Concen: 58.45 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004454.D
Acq: 15 Apr 2021 20:23

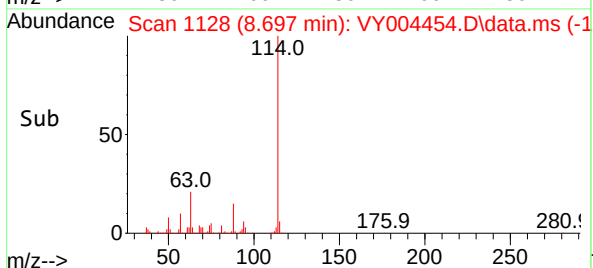
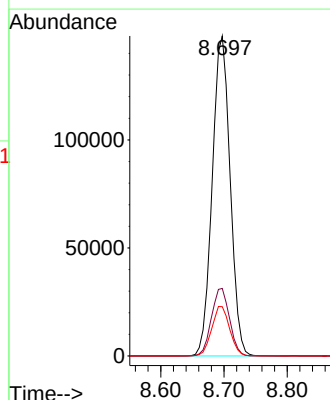
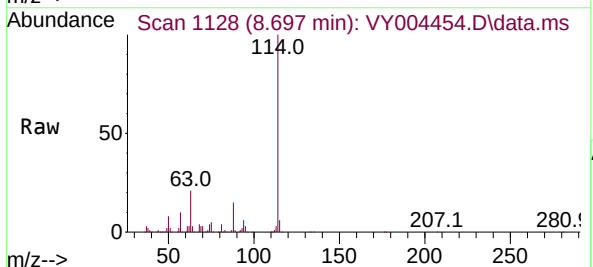
Instrument :
MSVOA_Y
ClientSampled :

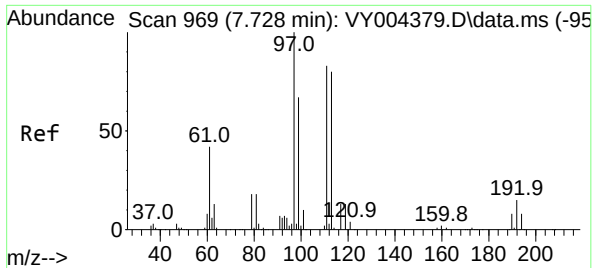
Tgt Ion: 65 Resp: 108548
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004454.D
Acq: 15 Apr 2021 20:23

Tgt Ion:114 Resp: 290660
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 15.4 0.0 30.8

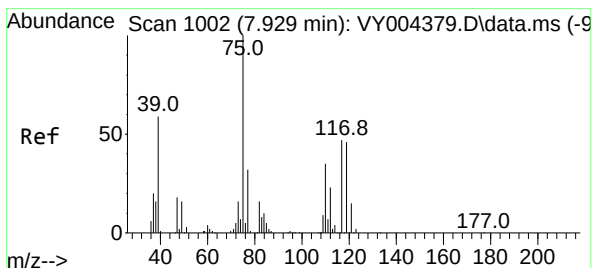
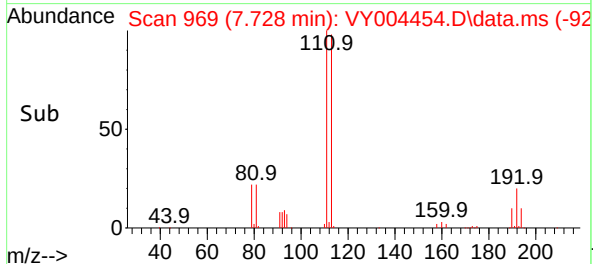
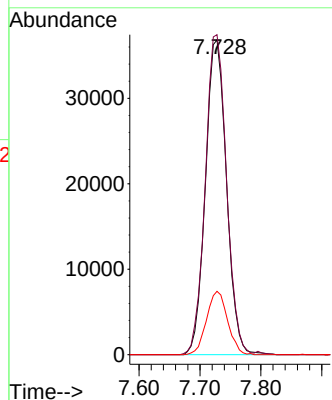
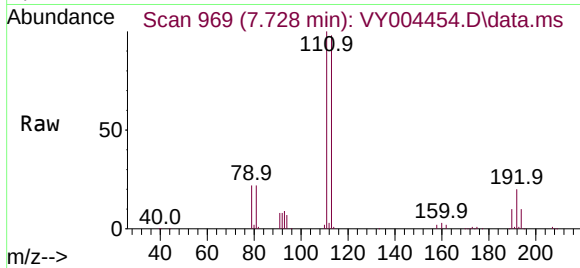




#35
Dibromofluoromethane
Concen: 54.87 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004454.D
Acq: 15 Apr 2021 20:23

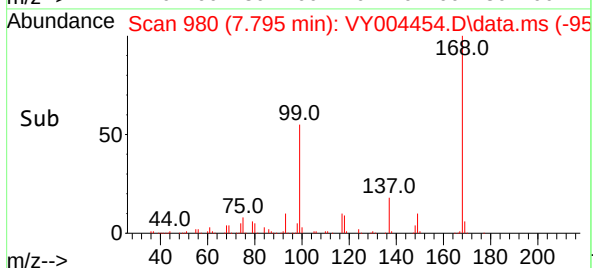
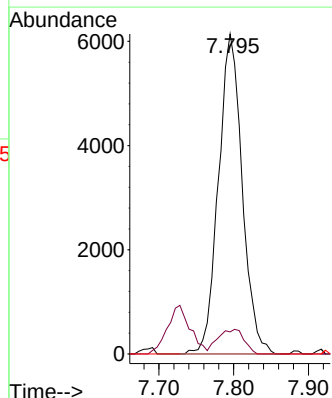
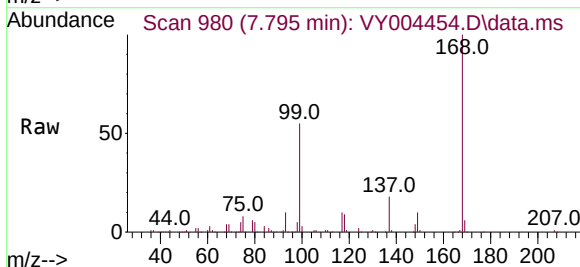
Instrument :
MSVOA_Y
ClientSampled :

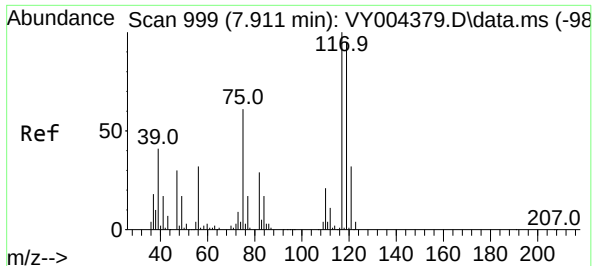
Tgt Ion:	113	Resp:	88506
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	20.1	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004454.D
Acq: 15 Apr 2021 20:23

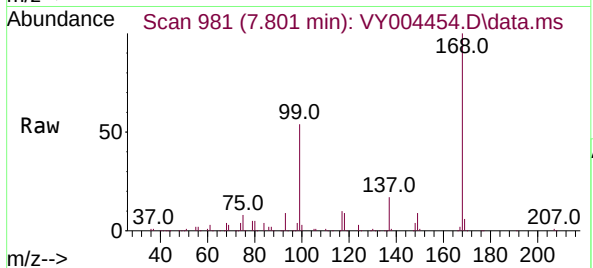
Tgt Ion:	75	Resp:	13563
Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.3	51.7#
77	0.0	24.3	36.5#



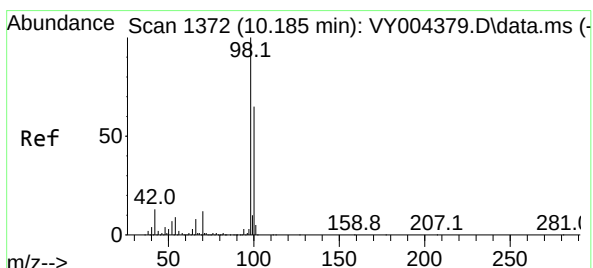
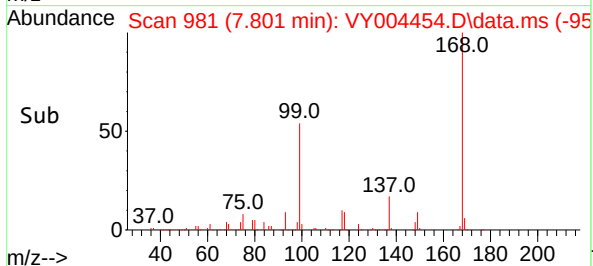
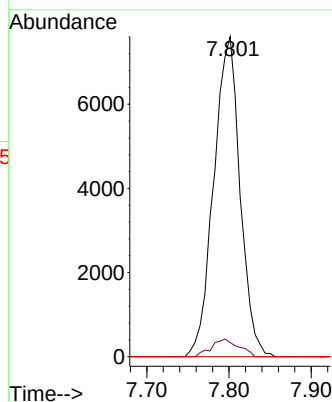


#38
Carbon Tetrachloride
Concen: 6.77 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004454.D
Acq: 15 Apr 2021 20:23

Instrument :
MSVOA_Y
ClientSampled :

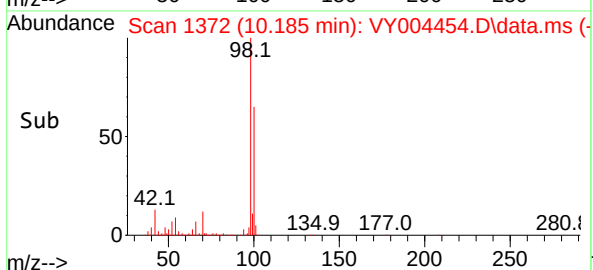
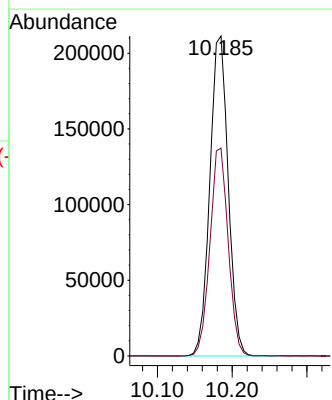
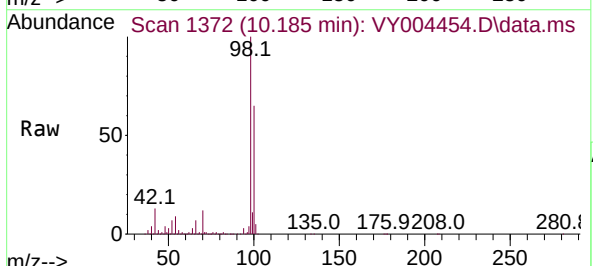


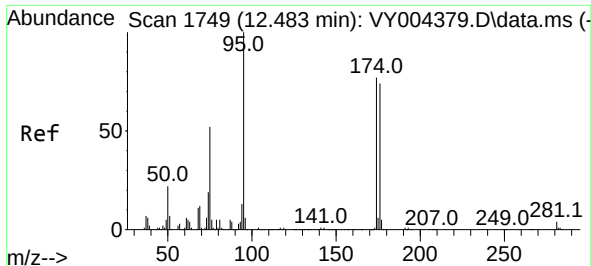
Tgt Ion:117 Resp: 16895
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.63 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004454.D
Acq: 15 Apr 2021 20:23

Tgt Ion: 98 Resp: 361074
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

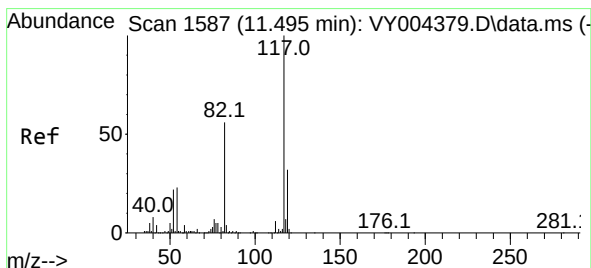
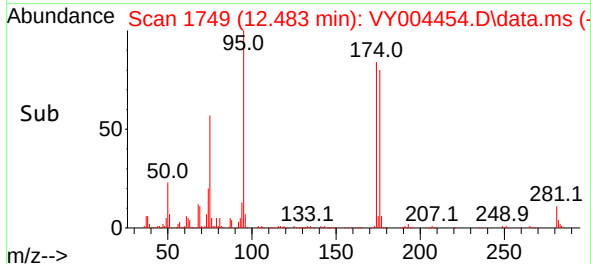
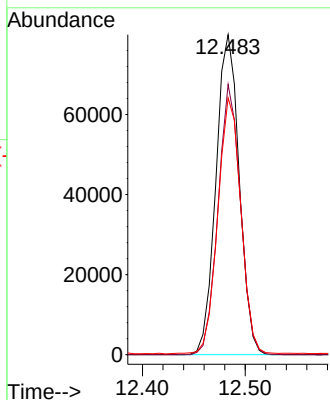
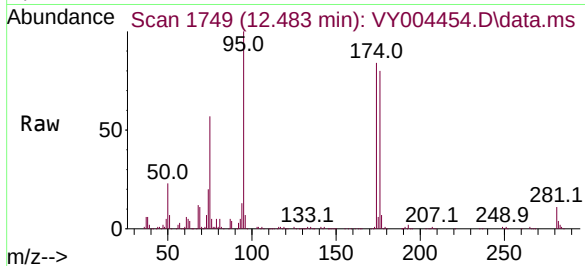




#62
4-Bromofluorobenzene
Concen: 53.89 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004454.D
Acq: 15 Apr 2021 20:23

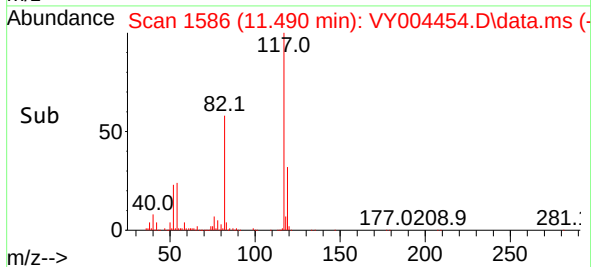
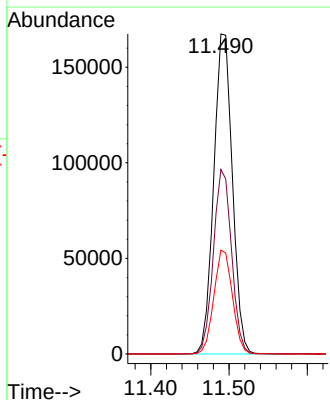
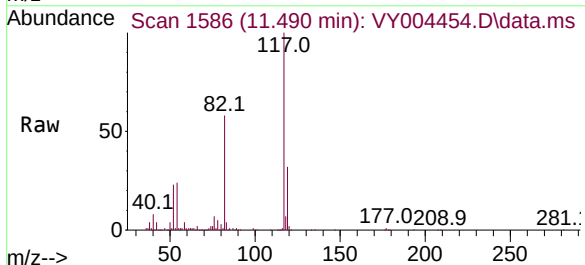
Instrument :
MSVOA_Y
ClientSampleId :

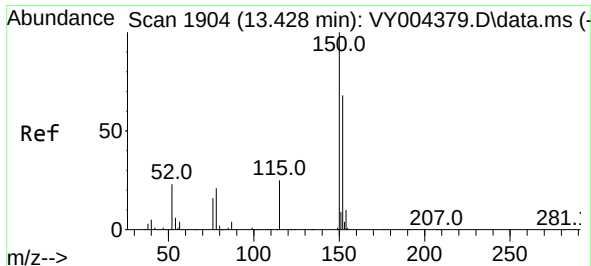
Tgt Ion: 95 Resp: 125463
Ion Ratio Lower Upper
95 100
174 81.1 0.0 162.4
176 79.3 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004454.D
Acq: 15 Apr 2021 20:23

Tgt Ion: 117 Resp: 277122
Ion Ratio Lower Upper
117 100
82 57.7 44.9 67.3
119 32.4 25.4 38.0

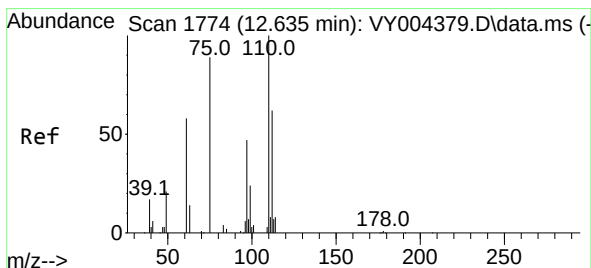
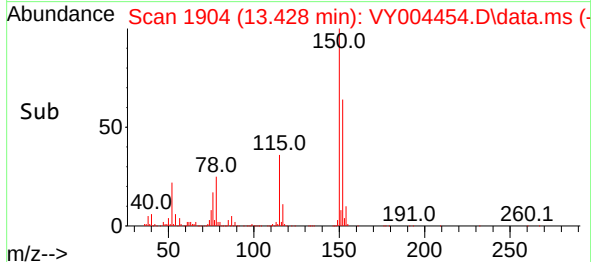
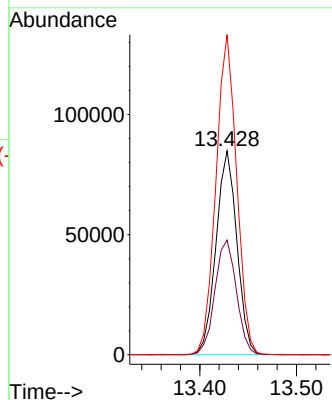
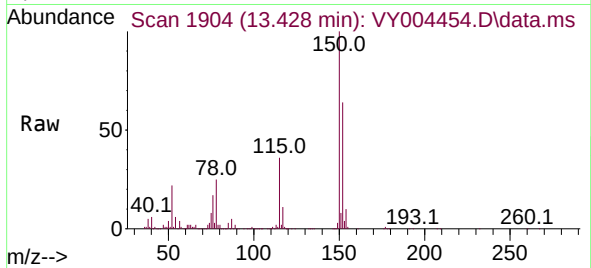




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004454.D
Acq: 15 Apr 2021 20:23

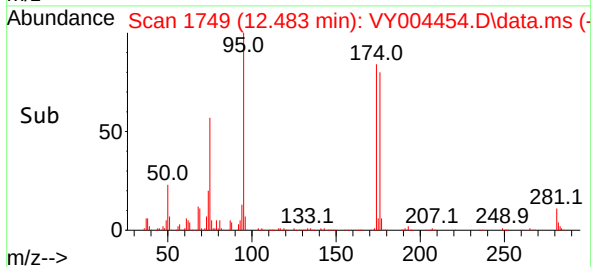
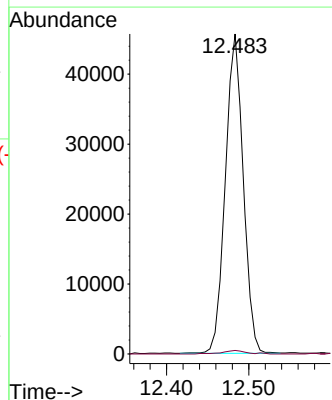
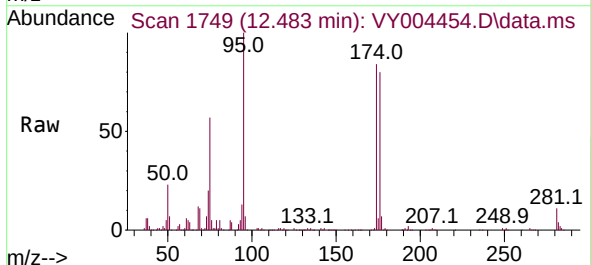
Instrument :
MSVOA_Y
ClientSampled :

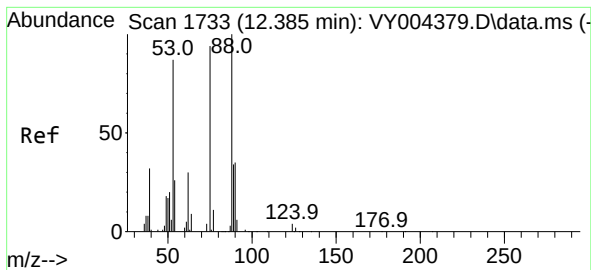
Tgt Ion:152 Resp: 127213
Ion Ratio Lower Upper
152 100
115 58.1 29.6 88.8
150 156.1 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 50.70 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004454.D
Acq: 15 Apr 2021 20:23

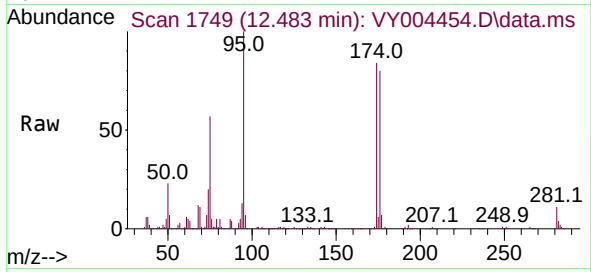
Tgt Ion: 75 Resp: 69226
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.70 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004454.D
 Acq: 15 Apr 2021 20:23

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 69226
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 0.3 36.1 54.1#

