

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004609.D
 Acq On : 23 Apr 2021 16:45
 Operator : SY/MD
 Sample : M2149-06
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 26 10:20:03 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)

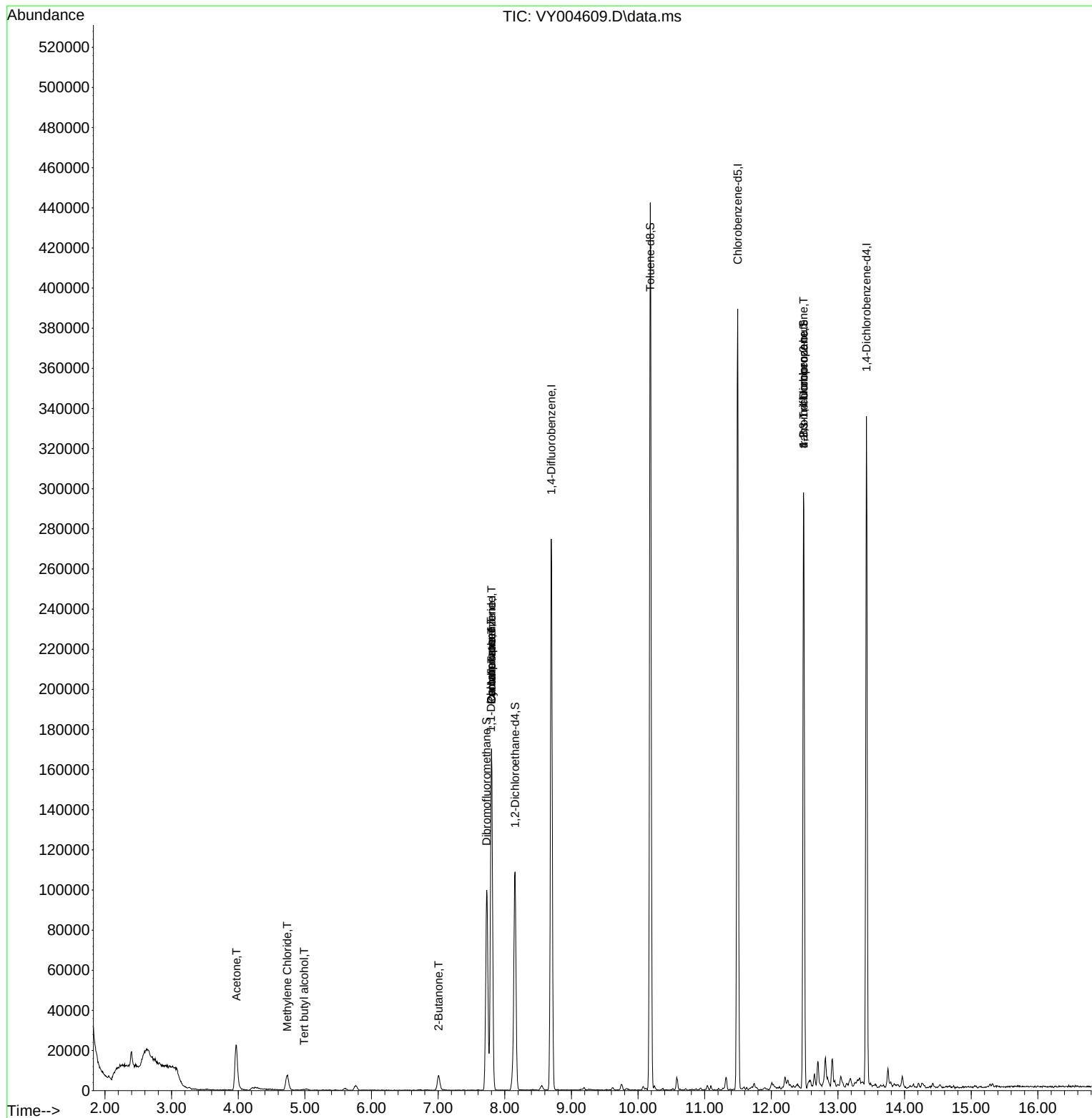
Internal Standards						
1) Pentafluorobenzene	7.801	168	126815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	220244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	200647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	82582	58.61	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.22%
35) Dibromofluoromethane	7.728	113	68474	56.02	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.04%
50) Toluene-d8	10.185	98	273718	52.65	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.30%
62) 4-Bromofluorobenzene	12.483	95	84431	47.86	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.72%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.990	59	837	6.03	ug/l #	73
16) Acetone	3.972	43	43506	136.77	ug/l	96
20) Methylene Chloride	4.734	84	5131	3.77	ug/l	97
25) 2-Butanone	7.008	43	13606	25.35	ug/l	98
31) Cyclohexane	7.801	56	3271	1.27	ug/l #	9
36) 1,1-Dichloropropene	7.795	75	10786	4.93	ug/l #	51
38) Carbon Tetrachloride	7.801	117	12702	6.71	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	47617	57.06	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47617	102.07	ug/l #	12

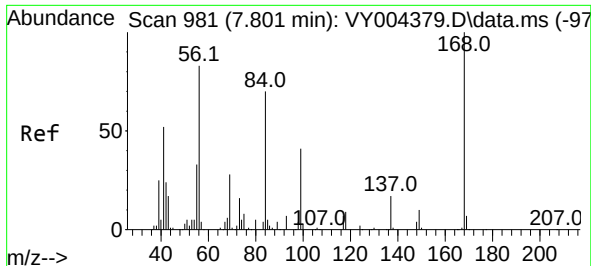
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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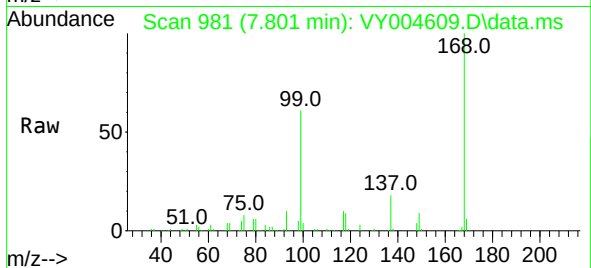
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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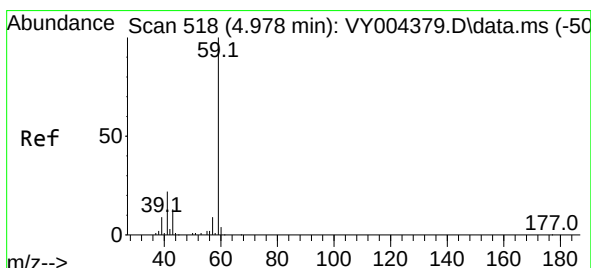
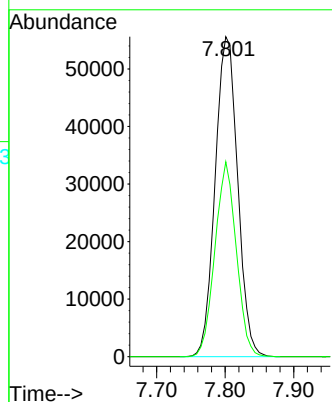
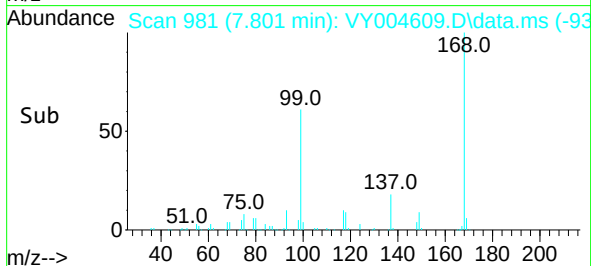


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004609.D
Acq: 23 Apr 2021 16:45

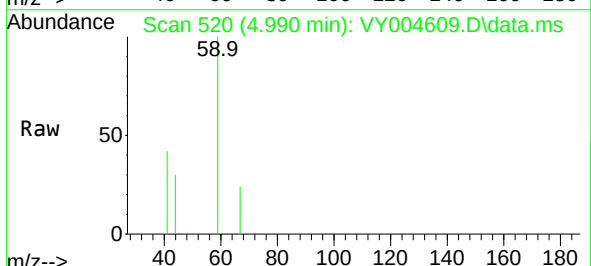
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MSVOA_Y
ClientSampleId :



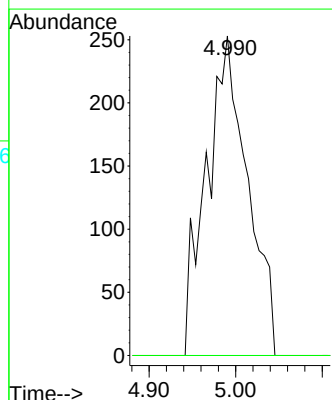
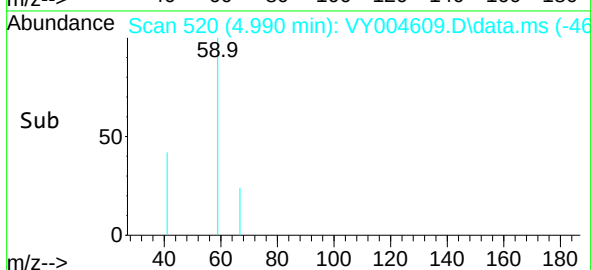
Tgt Ion:168 Resp: 126815
Ion Ratio Lower Upper
168 100
99 60.9 45.5 68.3

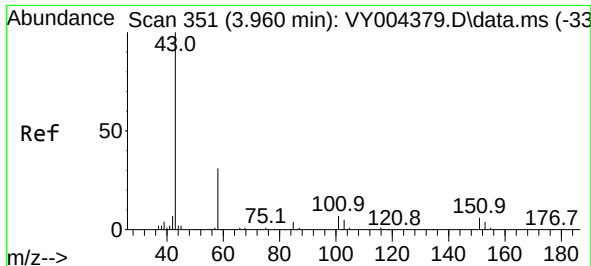


#11
Tert butyl alcohol
Concen: 6.03 ug/l
RT: 4.990 min Scan# 520
Delta R.T. 0.012 min
Lab File: VY004609.D
Acq: 23 Apr 2021 16:45



Tgt Ion: 59 Resp: 837
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

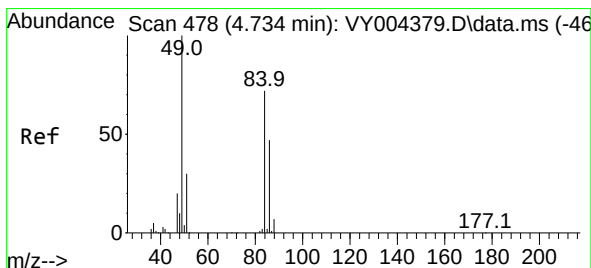
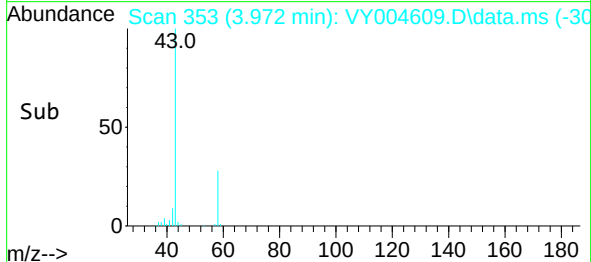
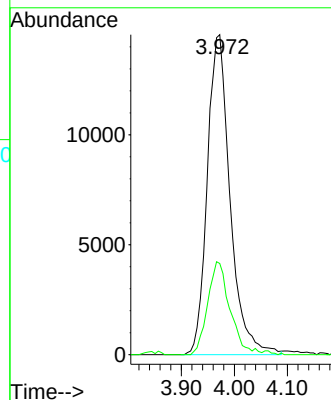
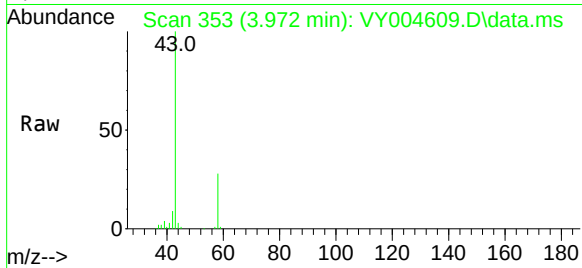




#16
Acetone
Concen: 136.77 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY004609.D
Acq: 23 Apr 2021 16:45

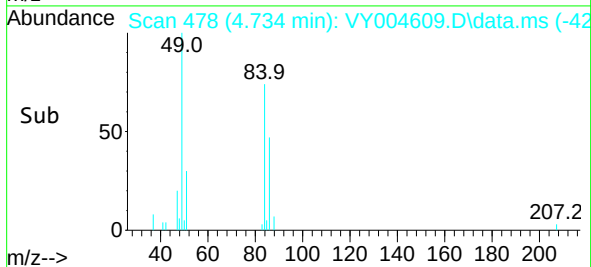
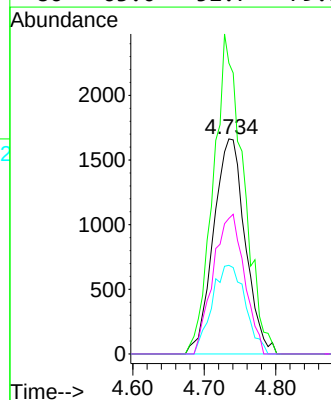
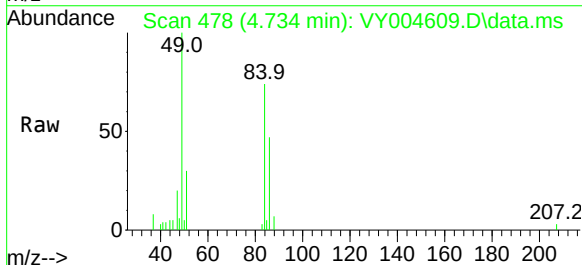
Instrument :
MSVOA_Y
ClientSampled :

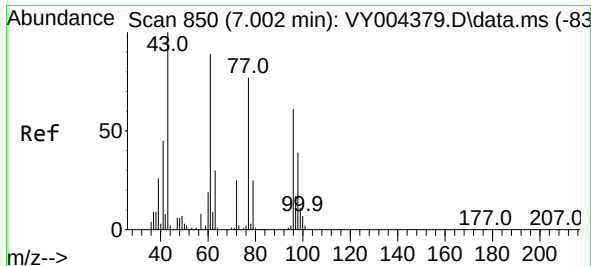
Tgt Ion: 43 Resp: 43506
Ion Ratio Lower Upper
43 100
58 28.5 24.6 37.0



#20
Methylene Chloride
Concen: 3.77 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004609.D
Acq: 23 Apr 2021 16:45

Tgt Ion: 84 Resp: 5131
Ion Ratio Lower Upper
84 100
49 135.3 111.2 166.8
51 41.3 33.4 50.2
86 63.0 52.7 79.1

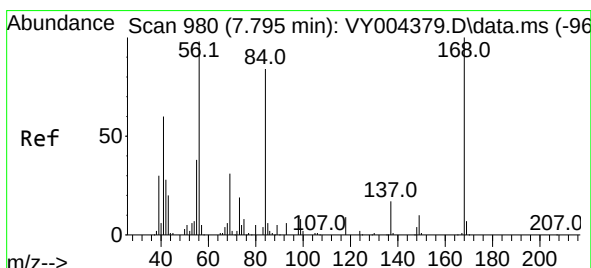
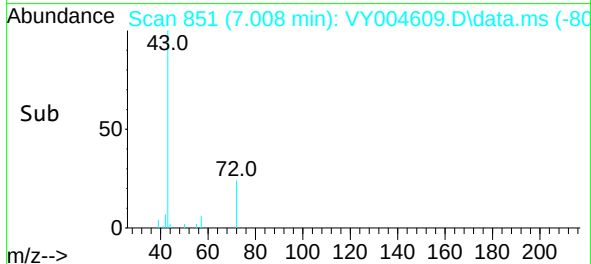
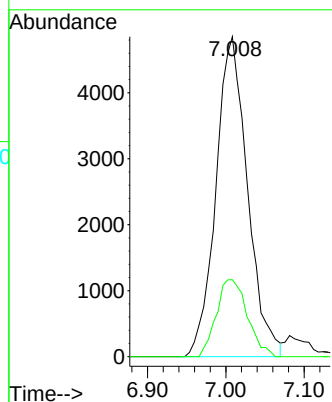
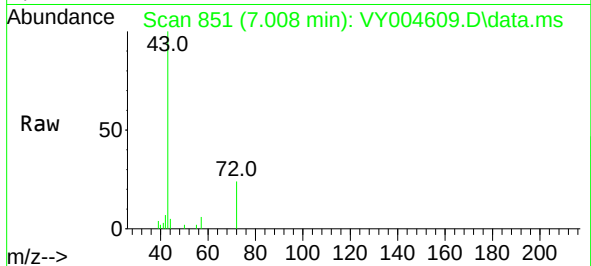




#25
2-Butanone
Concen: 25.35 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY004609.D
Acq: 23 Apr 2021 16:45

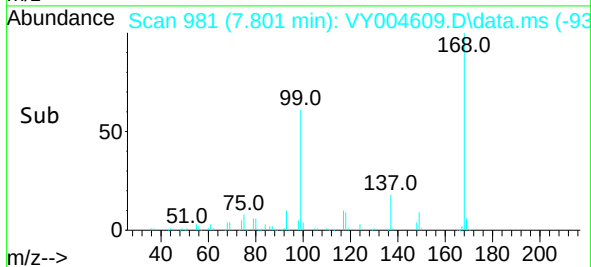
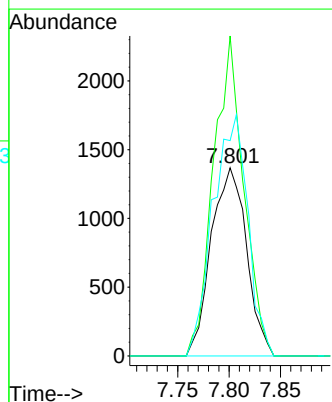
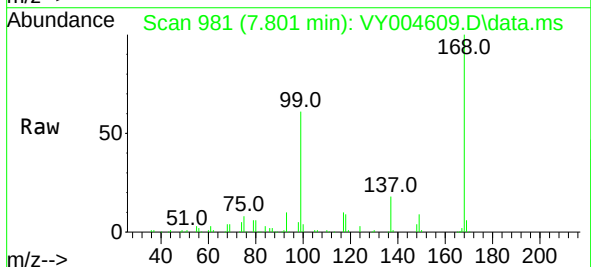
Instrument :
MSVOA_Y
ClientSampled :

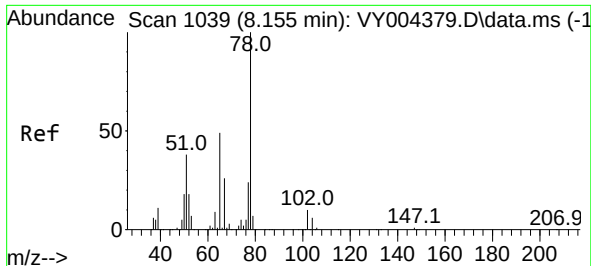
Tgt Ion: 43 Resp: 13606
Ion Ratio Lower Upper
43 100
72 24.0 20.2 30.2



#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004609.D
Acq: 23 Apr 2021 16:45

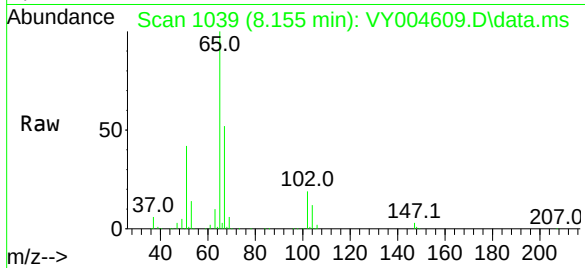
Tgt Ion: 56 Resp: 3271
Ion Ratio Lower Upper
56 100
69 170.1 25.8 38.6#
84 114.5 68.2 102.4#



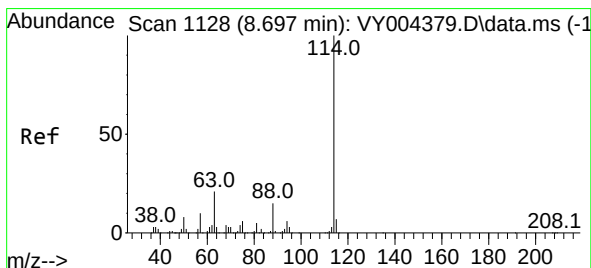
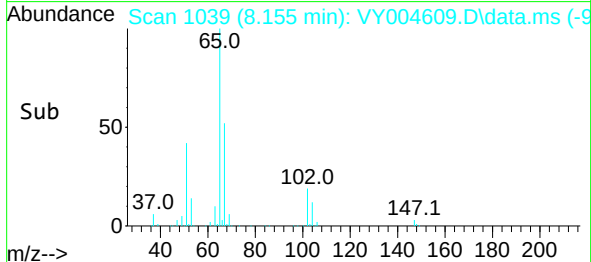
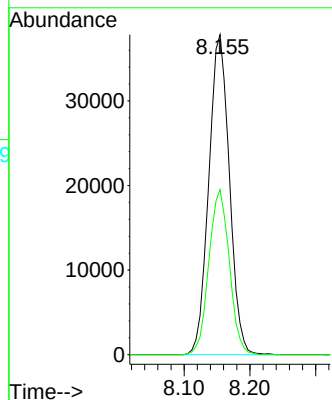


#33
 1,2-Dichloroethane-d4
 Concen: 58.61 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VY004609.D
 Acq: 23 Apr 2021 16:45

Instrument :
 MSVOA_Y
 ClientSampled :

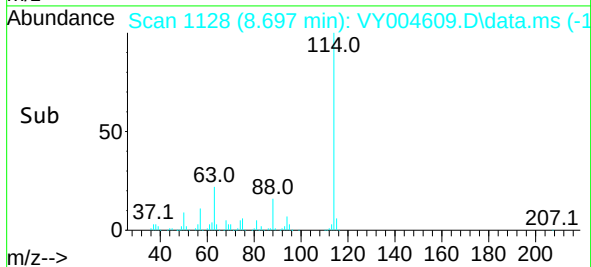
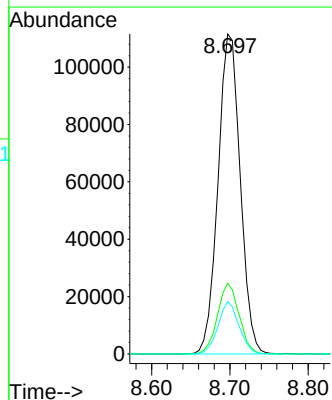
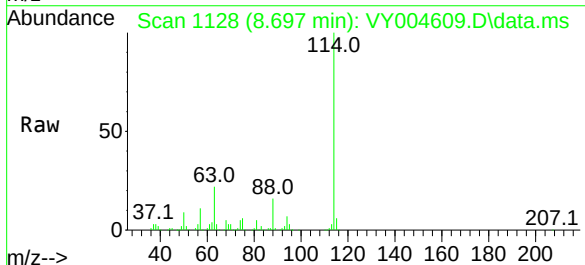


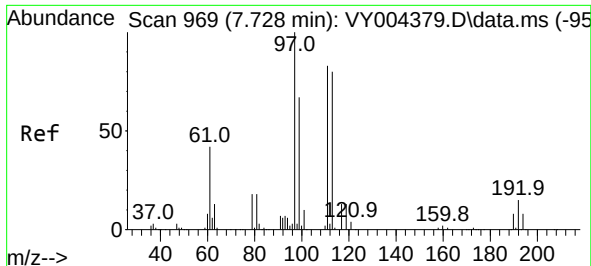
Tgt Ion: 65 Resp: 82582
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004609.D
 Acq: 23 Apr 2021 16:45

Tgt Ion: 114 Resp: 220244
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 42.4
 88 16.3 0.0 30.8

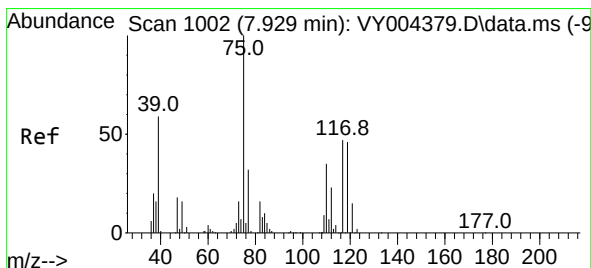
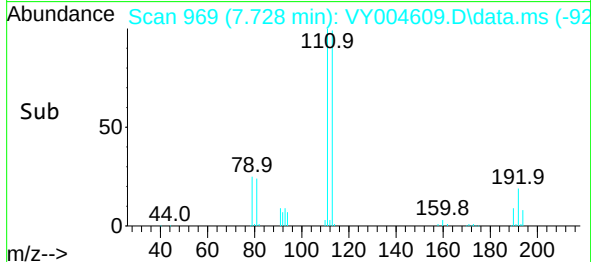
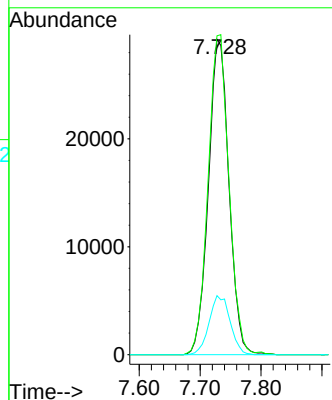
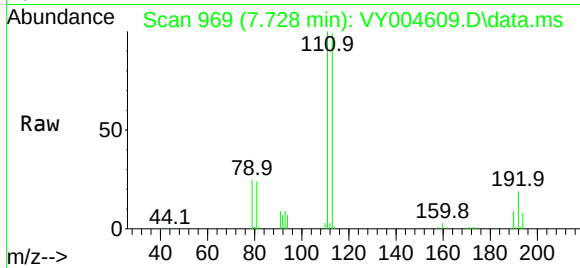




#35
Dibromofluoromethane
Concen: 56.02 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004609.D
Acq: 23 Apr 2021 16:45

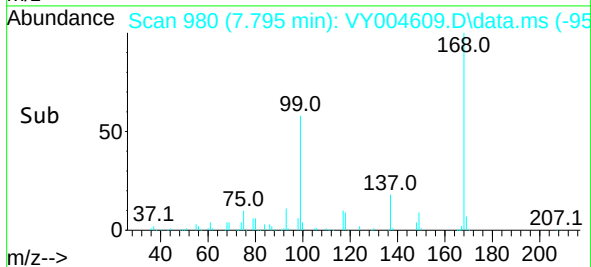
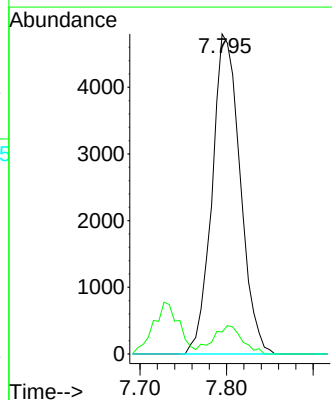
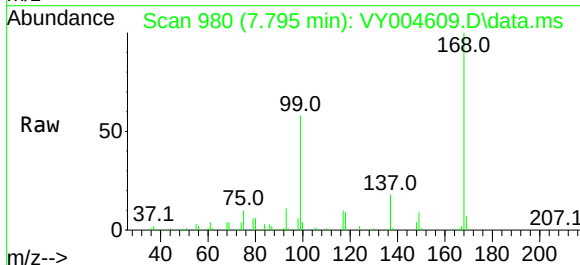
Instrument :
MSVOA_Y
ClientSampled :

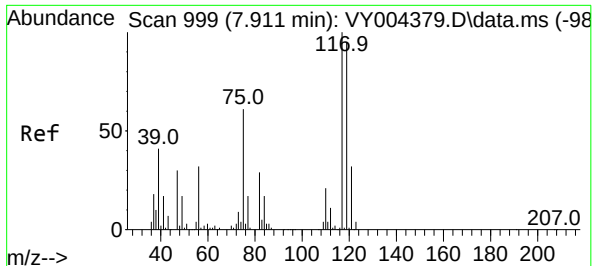
Tgt Ion:113 Resp: 68474
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 19.2 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.93 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004609.D
Acq: 23 Apr 2021 16:45

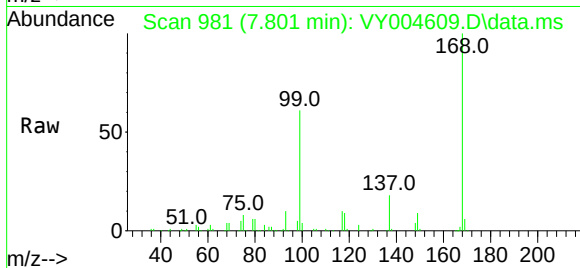
Tgt Ion: 75 Resp: 10786
Ion Ratio Lower Upper
75 100
110 9.2 17.3 51.7#
77 0.0 24.3 36.5#



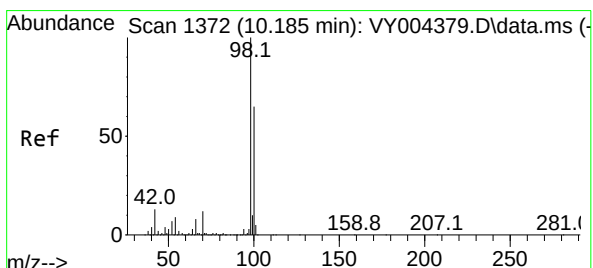
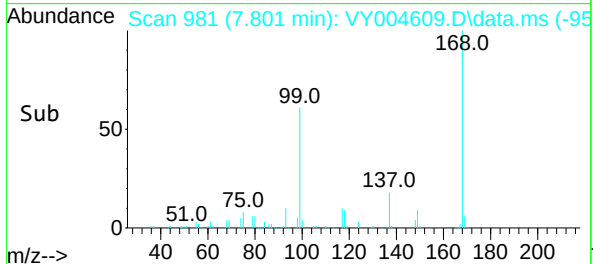
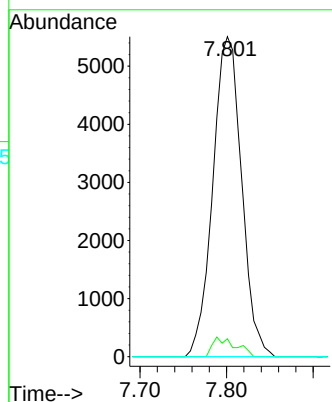


#38
Carbon Tetrachloride
Concen: 6.71 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004609.D
Acq: 23 Apr 2021 16:45

Instrument :
MSVOA_Y
ClientSampled :

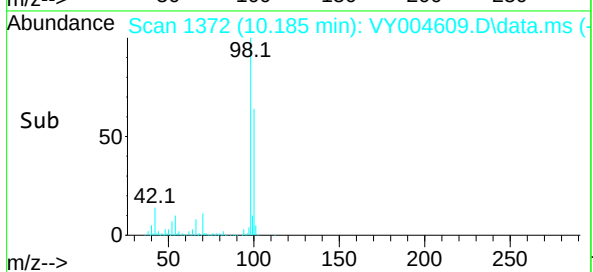
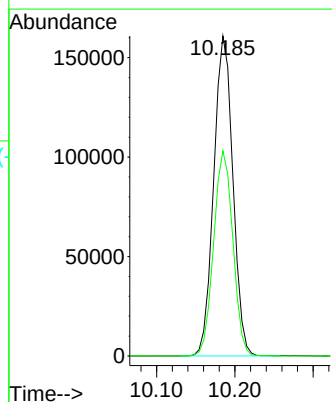
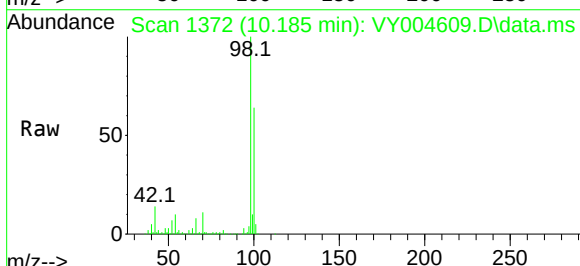


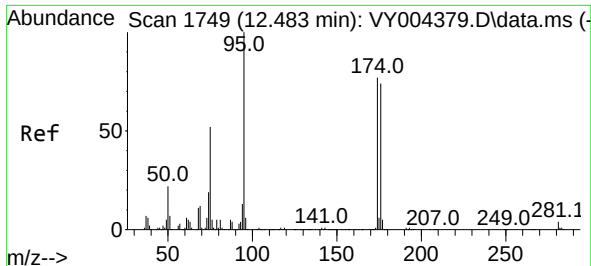
Tgt Ion:117 Resp: 12702
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.65 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004609.D
Acq: 23 Apr 2021 16:45

Tgt Ion: 98 Resp: 273718
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6

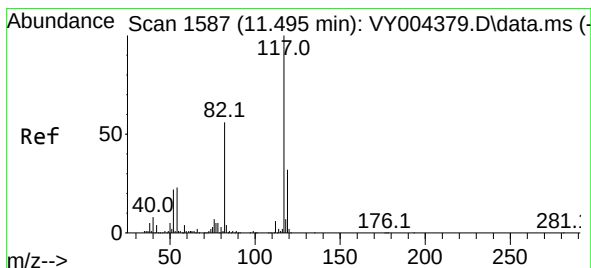
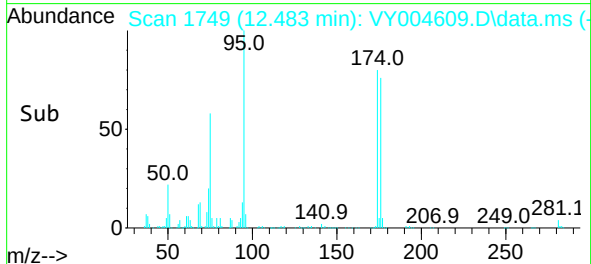
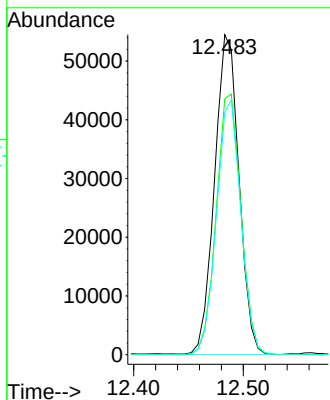
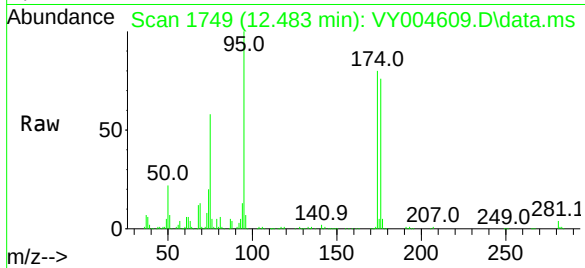




#62
4-Bromofluorobenzene
Concen: 47.86 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004609.D
Acq: 23 Apr 2021 16:45

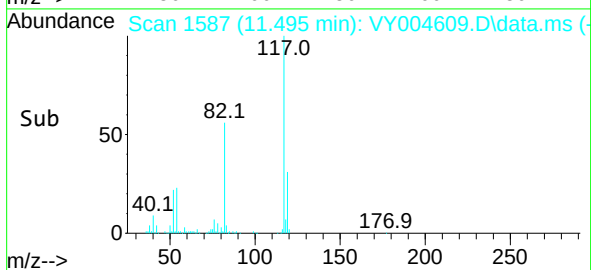
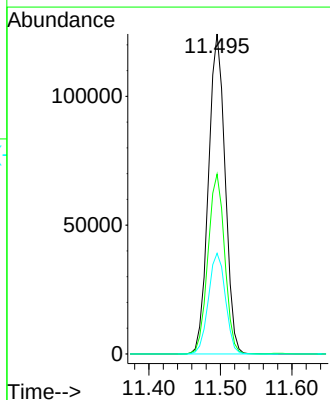
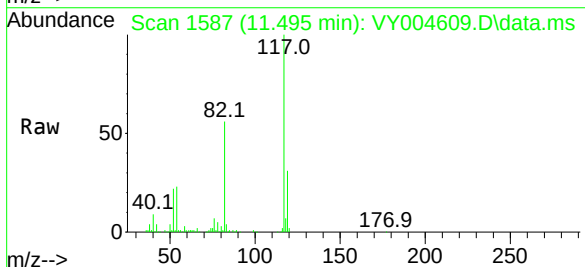
Instrument :
MSVOA_Y
ClientSampleId :

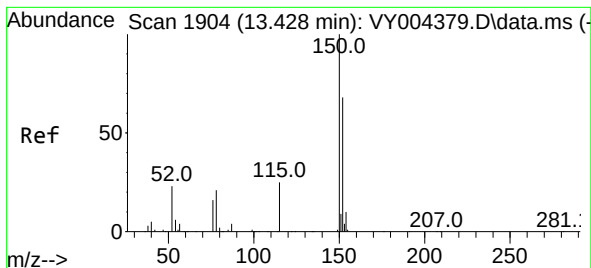
Tgt Ion: 95 Resp: 84431
Ion Ratio Lower Upper
95 100
174 82.6 0.0 162.4
176 79.4 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004609.D
Acq: 23 Apr 2021 16:45

Tgt Ion: 117 Resp: 200647
Ion Ratio Lower Upper
117 100
82 56.2 44.9 67.3
119 31.5 25.4 38.0

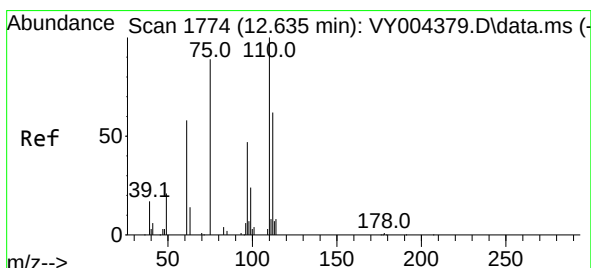
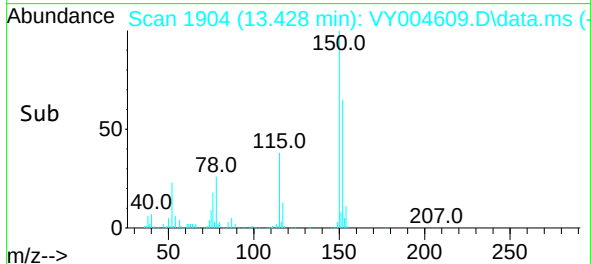
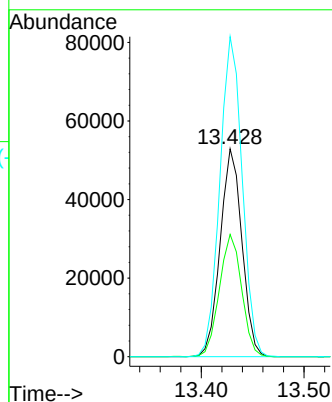
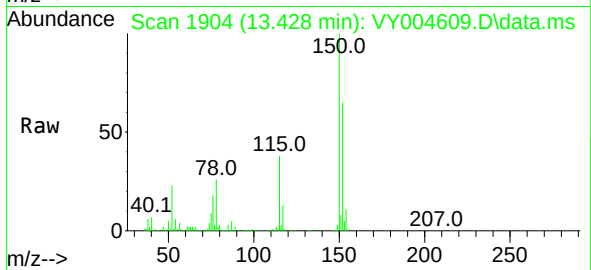




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004609.D
 Acq: 23 Apr 2021 16:45

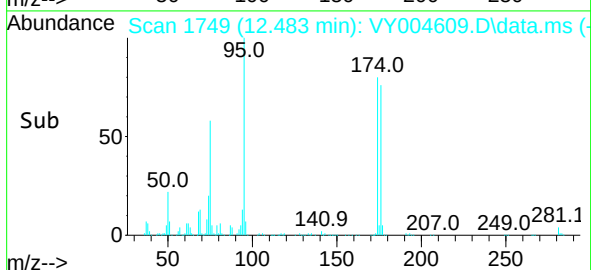
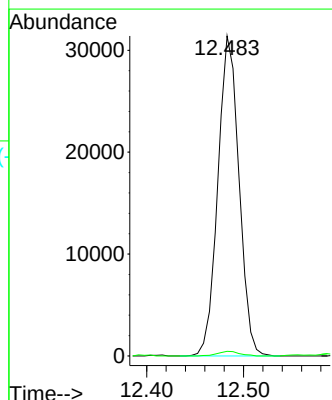
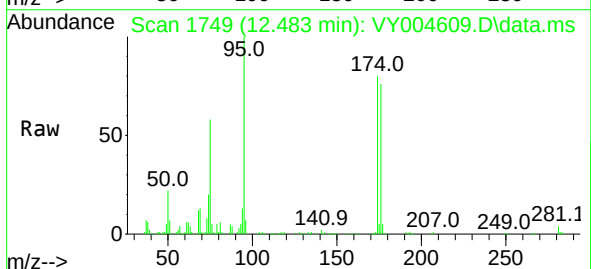
Instrument :
 MSVOA_Y
 ClientSampled :

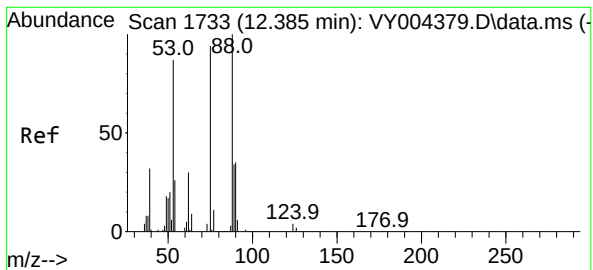
Tgt Ion:152 Resp: 77758
 Ion Ratio Lower Upper
 152 100
 115 60.2 29.6 88.8
 150 158.2 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 57.06 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004609.D
 Acq: 23 Apr 2021 16:45

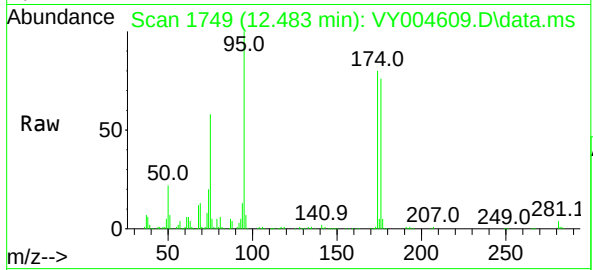
Tgt Ion: 75 Resp: 47617
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.07 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004609.D
 Acq: 23 Apr 2021 16:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	47617
Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	0.1	36.1	54.1#

