

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
 Data File : VY004992.D
 Acq On : 07 Jun 2021 15:00
 Operator : SY/MD
 Sample : M2612-09
 Misc : 10.60G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 08 02:09:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

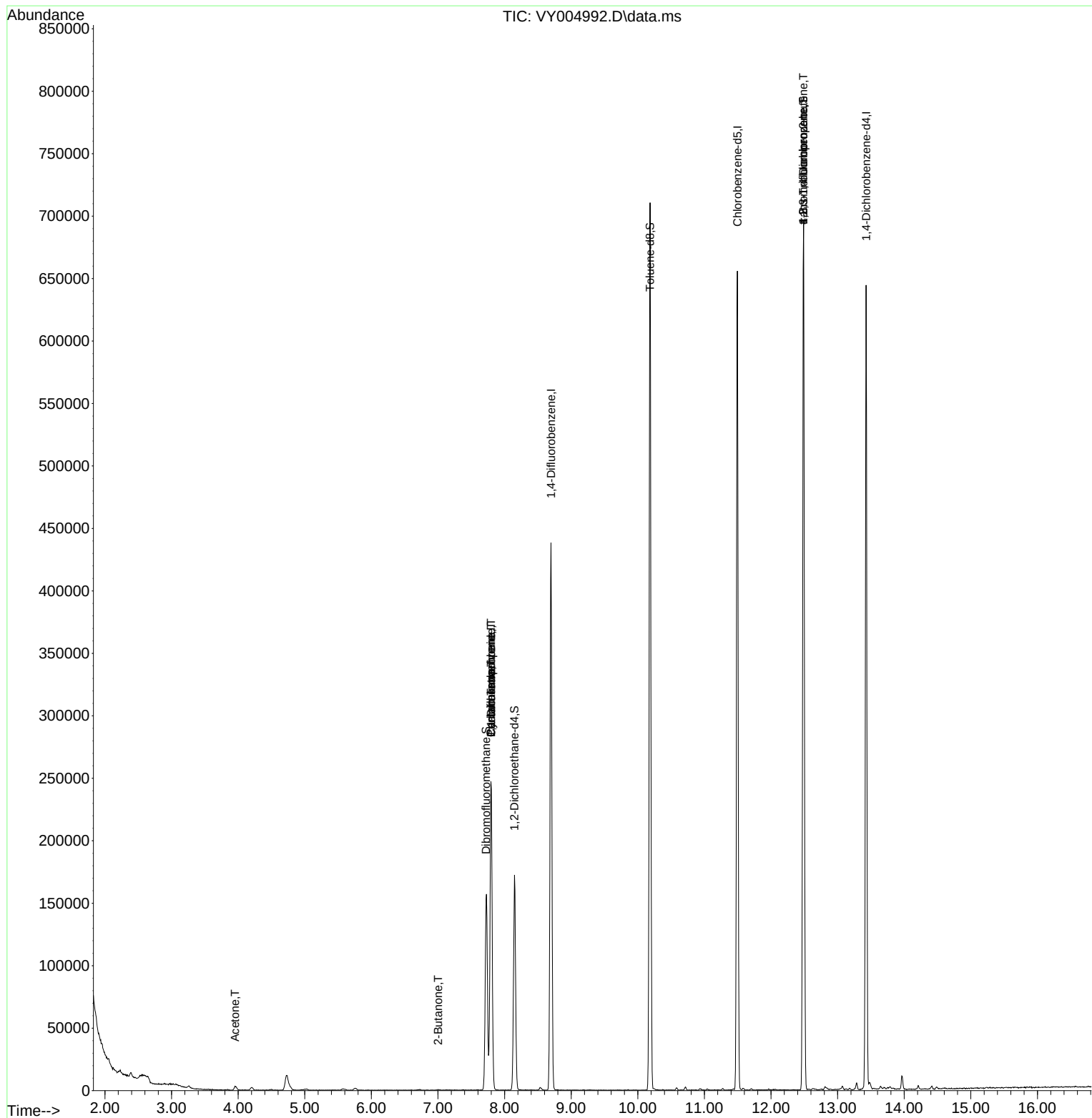
Internal Standards						
1) Pentafluorobenzene	7.795	168	188208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	356226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	349649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156760	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	125535	63.093	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.180%			
35) Dibromofluoromethane	7.722	113	112175	58.530	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.060%			
50) Toluene-d8	10.185	98	449396	56.459	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.920%			
62) 4-Bromofluorobenzene	12.483	95	154118	56.300	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.600%			
Target Compounds						
13) Acrolein	3.729	56	31	Below Cal		98
16) Acetone	3.954	43	5162	10.777	ug/l	95
20) Methylene Chloride	4.722	84	8903	Below Cal		88
25) 2-Butanone	7.002	43	822	1.021	ug/l #	49
31) Cyclohexane	7.795	56	4271	1.219	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15453	4.433	ug/l #	48
38) Carbon Tetrachloride	7.795	117	19042	6.276	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	82441	47.976	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	82441	88.169	ug/l #	15

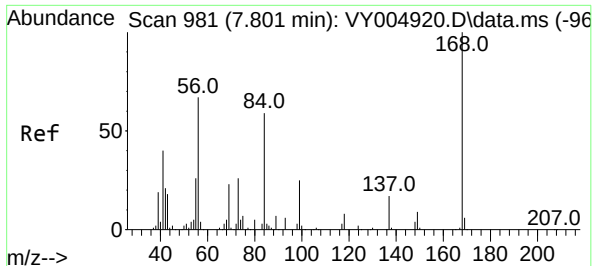
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration

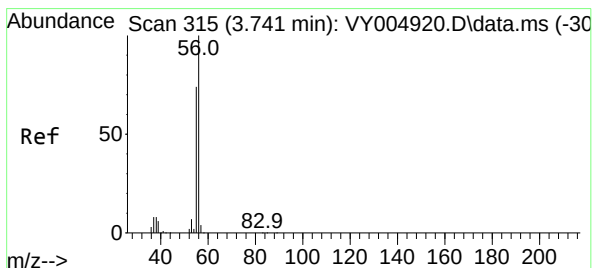
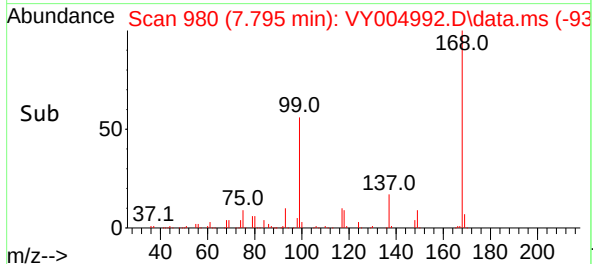
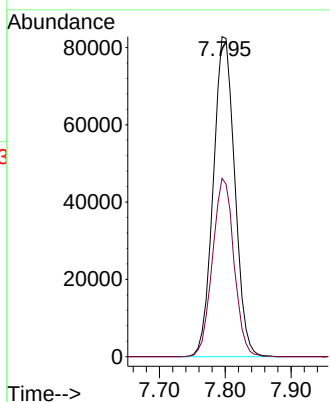
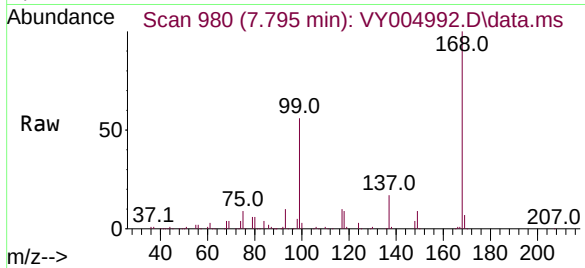




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004992.D
Acq: 07 Jun 2021 15:00

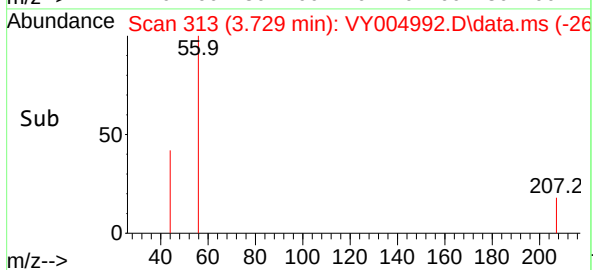
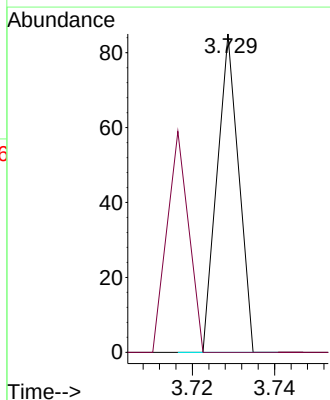
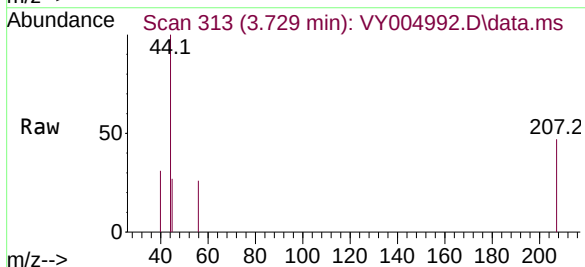
Instrument :
MSVOA_Y
ClientSampleId :

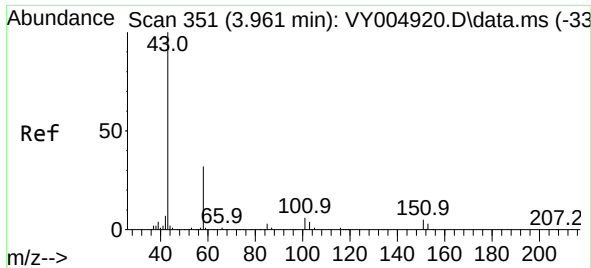
Tgt Ion:168 Resp: 188208
Ion Ratio Lower Upper
168 100
99 55.7 43.9 65.9



#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.012 min
Lab File: VY004992.D
Acq: 07 Jun 2021 15:00

Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 71.0 55.4 83.2

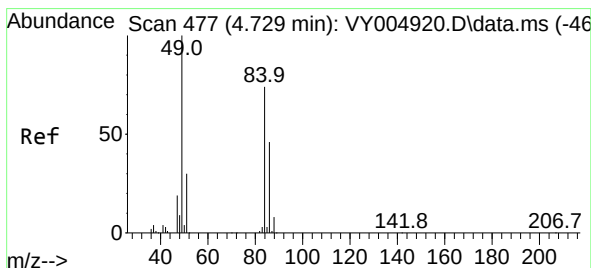
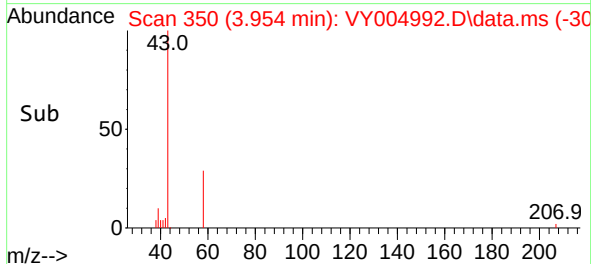
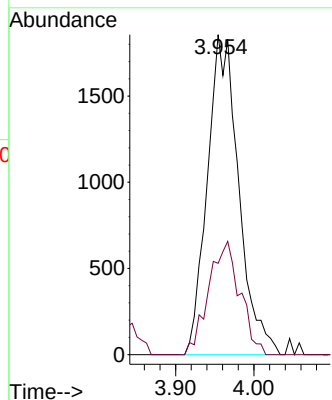
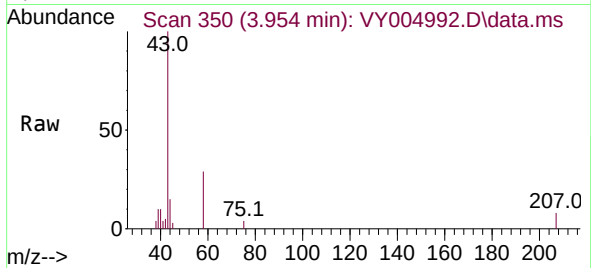




#16
Acetone
Concen: 10.777 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004992.D
Acq: 07 Jun 2021 15:00

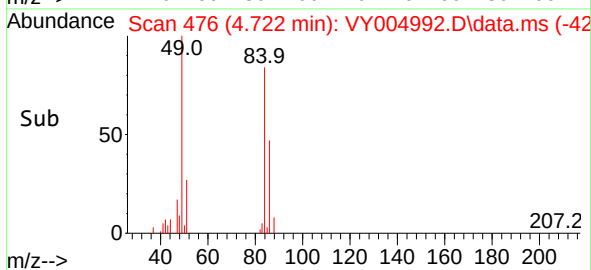
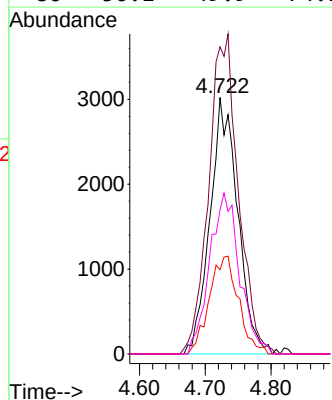
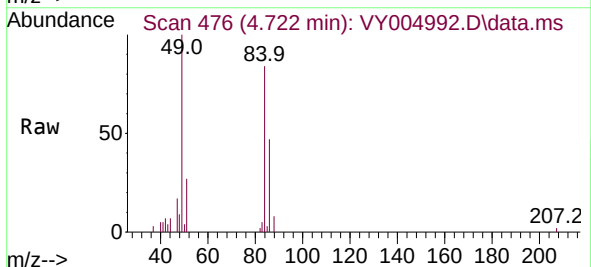
Instrument :
MSVOA_Y
ClientSampleId :

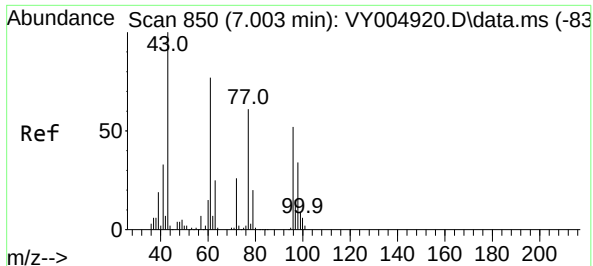
Tgt Ion: 43 Resp: 5162
Ion Ratio Lower Upper
43 100
58 28.6 25.3 37.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY004992.D
Acq: 07 Jun 2021 15:00

Tgt Ion: 84 Resp: 8903
Ion Ratio Lower Upper
84 100
49 119.7 108.0 162.0
51 32.9 32.6 48.8
86 56.1 49.9 74.9

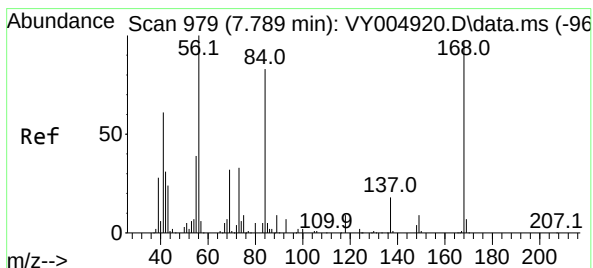
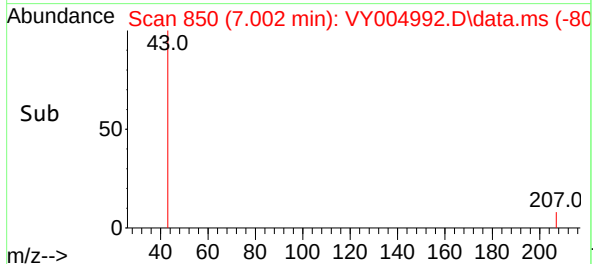
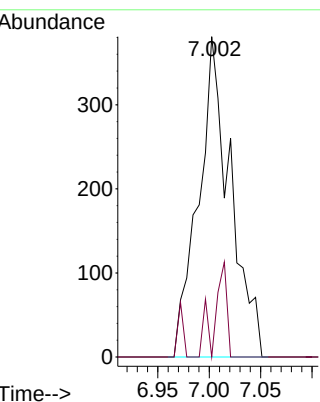
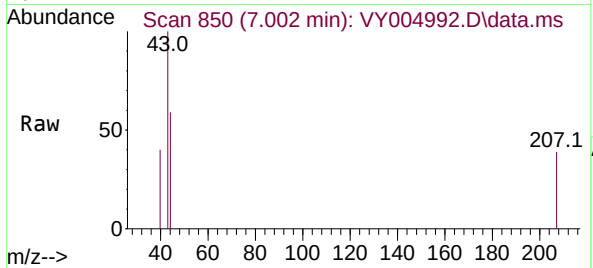




#25
2-Butanone
Concen: 1.021 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY004992.D
Acq: 07 Jun 2021 15:00

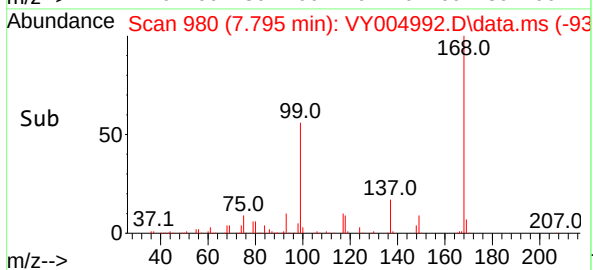
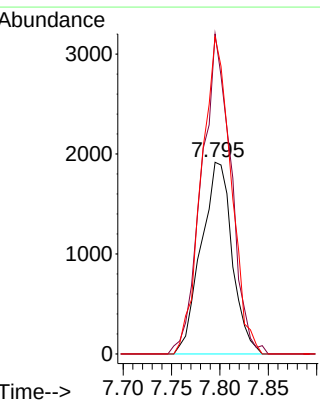
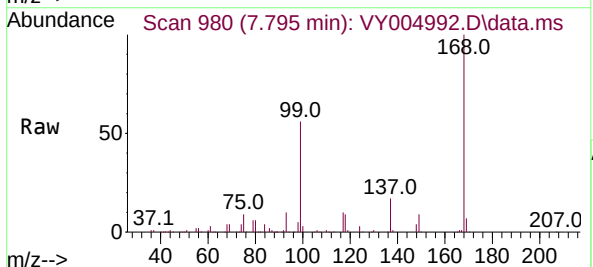
Instrument :
MSVOA_Y
ClientSampled :

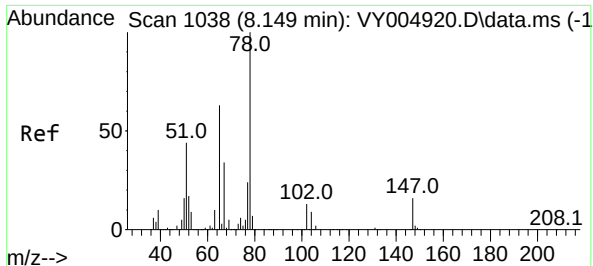
Tgt Ion: 43 Resp: 822
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



#31
Cyclohexane
Concen: 1.219 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004992.D
Acq: 07 Jun 2021 15:00

Tgt Ion: 56 Resp: 4271
Ion Ratio Lower Upper
56 100
69 166.9 25.3 37.9#
84 165.4 66.2 99.4#

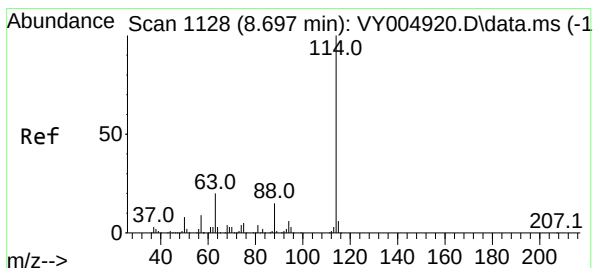
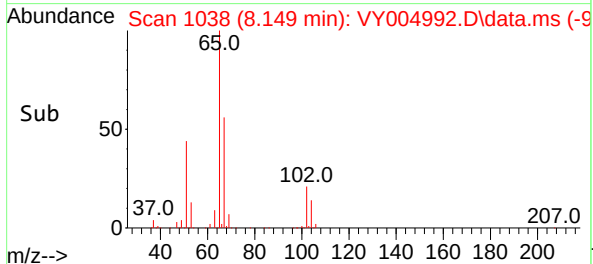
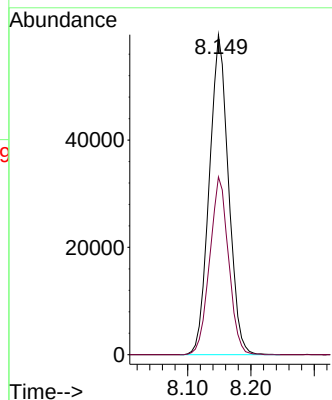
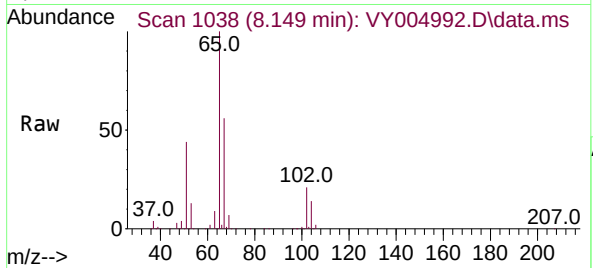




#33
1,2-Dichloroethane-d4
Concen: 63.093 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004992.D
Acq: 07 Jun 2021 15:00

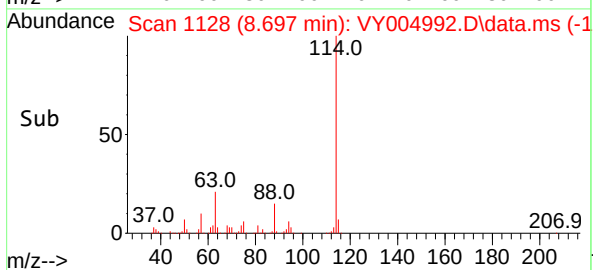
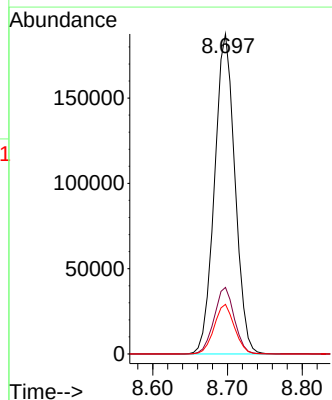
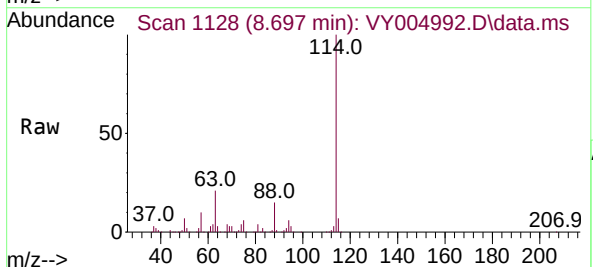
Instrument :
MSVOA_Y
ClientSampled :

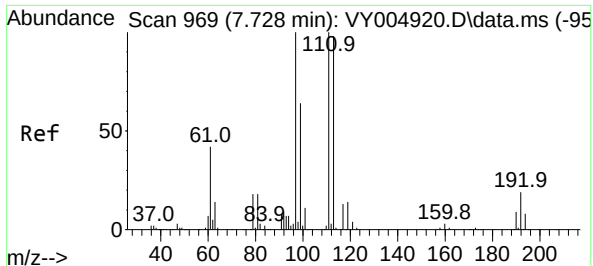
Tgt Ion: 65 Resp: 125535
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004992.D
Acq: 07 Jun 2021 15:00

Tgt Ion:114 Resp: 356226
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.0
88 15.5 0.0 30.6

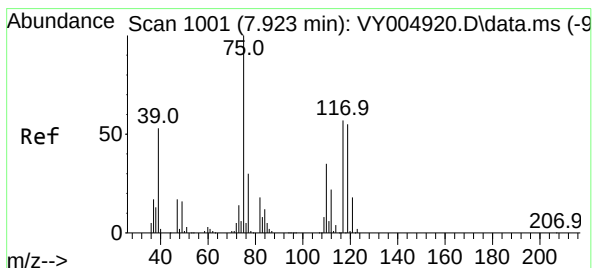
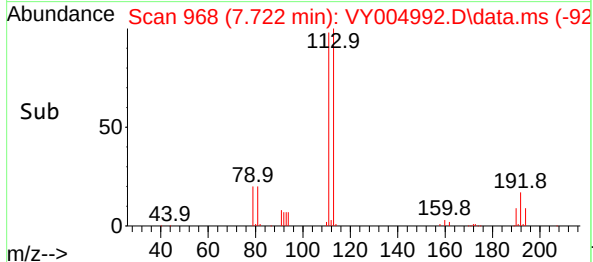
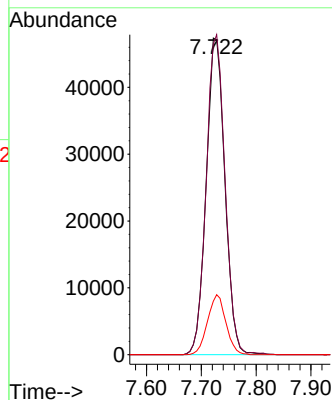
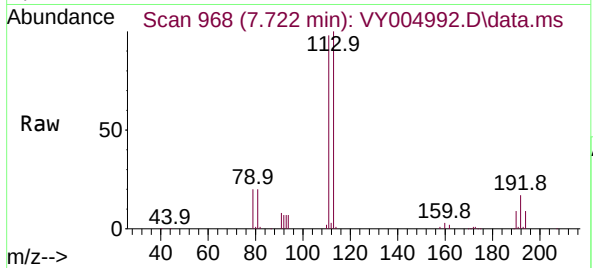




#35
Dibromofluoromethane
Concen: 58.530 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004992.D
Acq: 07 Jun 2021 15:00

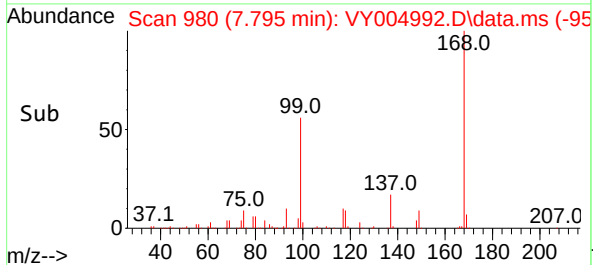
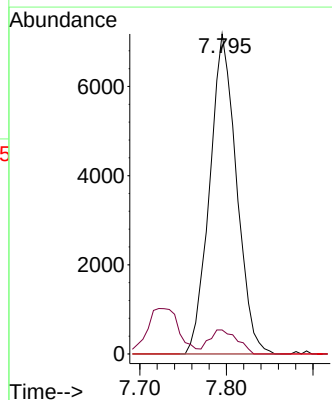
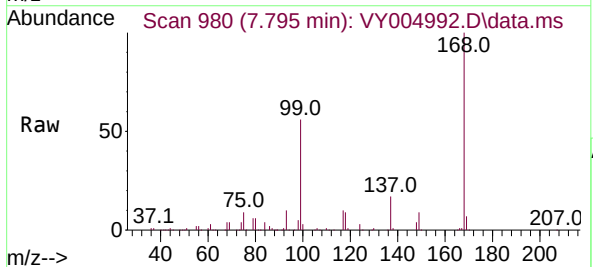
Instrument :
MSVOA_Y
ClientSampleId :

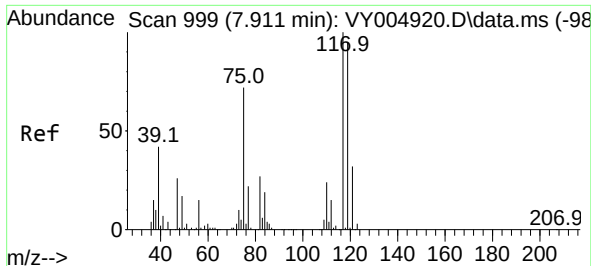
Tgt Ion:113 Resp: 112175
Ion Ratio Lower Upper
113 100
111 101.1 81.8 122.8
192 18.5 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.433 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004992.D
Acq: 07 Jun 2021 15:00

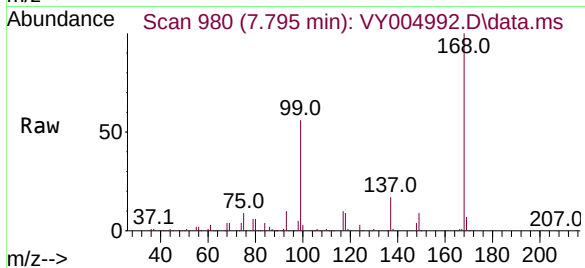
Tgt Ion: 75 Resp: 15453
Ion Ratio Lower Upper
75 100
110 7.7 17.5 52.5#
77 0.0 25.1 37.7#



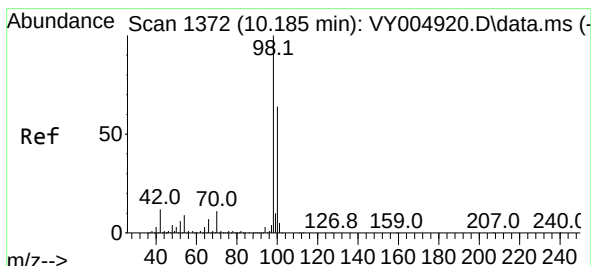
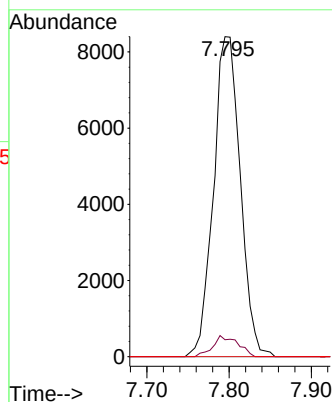
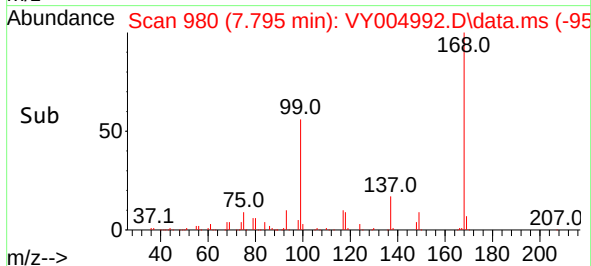


#38
Carbon Tetrachloride
Concen: 6.276 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004992.D
Acq: 07 Jun 2021 15:00

Instrument :
MSVOA_Y
ClientSampleId :

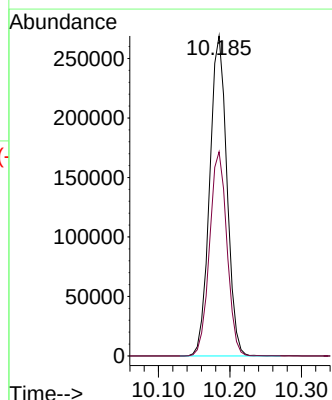
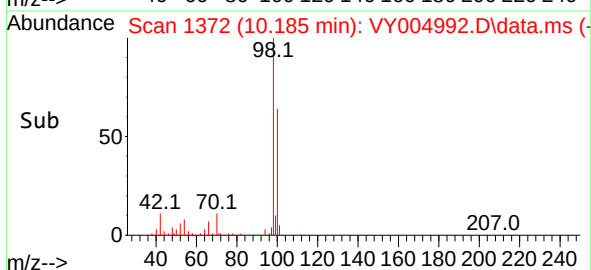
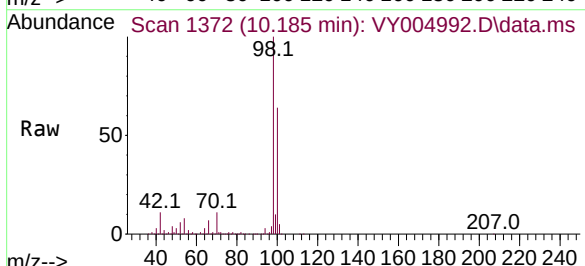


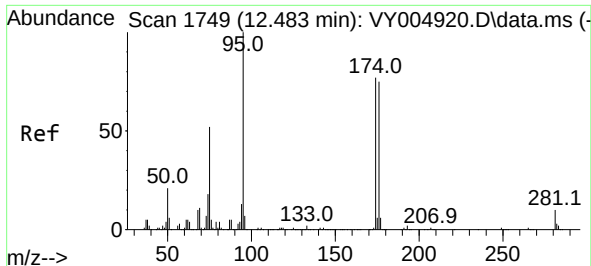
Tgt Ion:117 Resp: 19042
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 56.459 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004992.D
Acq: 07 Jun 2021 15:00

Tgt Ion: 98 Resp: 449396
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

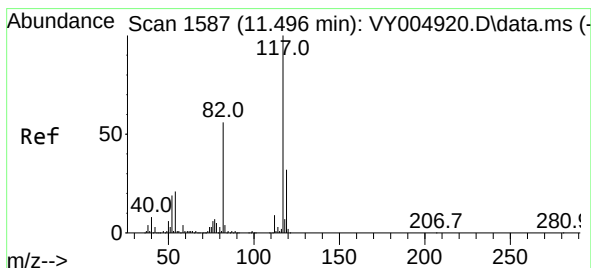
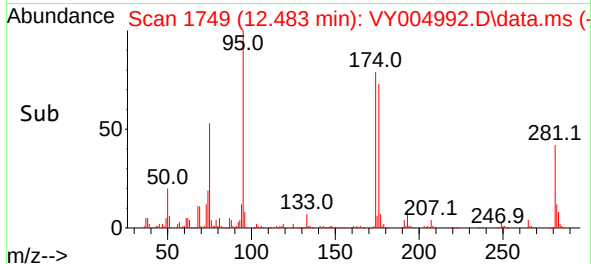
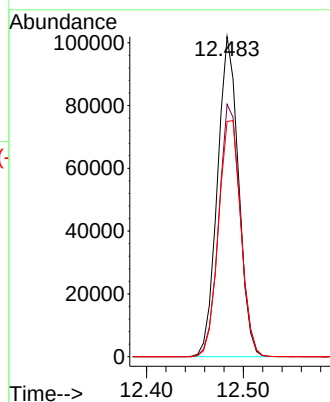
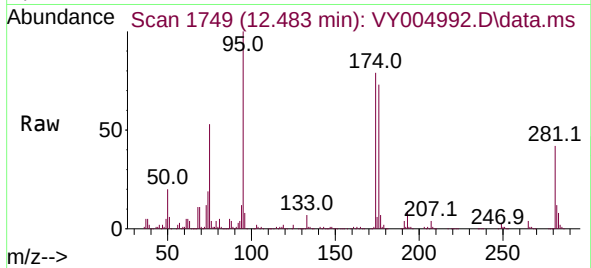




#62
4-Bromofluorobenzene
Concen: 56.300 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004992.D
Acq: 07 Jun 2021 15:00

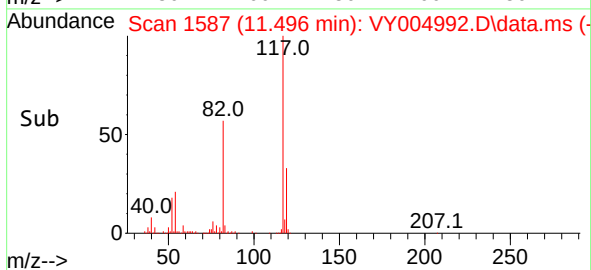
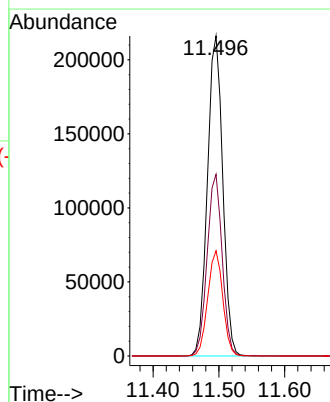
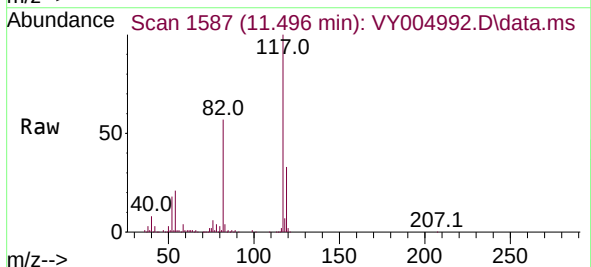
Instrument :
MSVOA_Y
ClientSampleId :

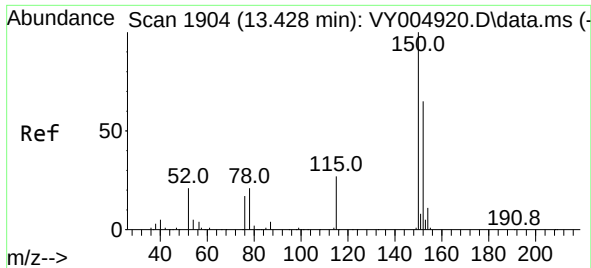
Tgt Ion: 95 Resp: 154118
Ion Ratio Lower Upper
95 100
174 80.5 0.0 160.8
176 78.0 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004992.D
Acq: 07 Jun 2021 15:00

Tgt Ion: 117 Resp: 349649
Ion Ratio Lower Upper
117 100
82 56.7 44.8 67.2
119 32.8 25.2 37.8

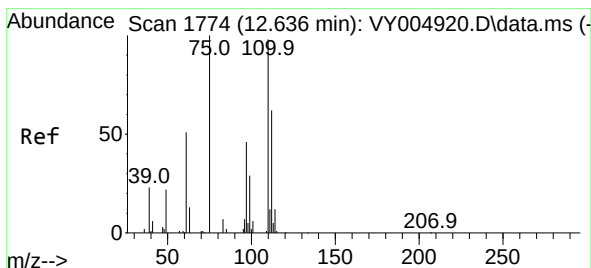
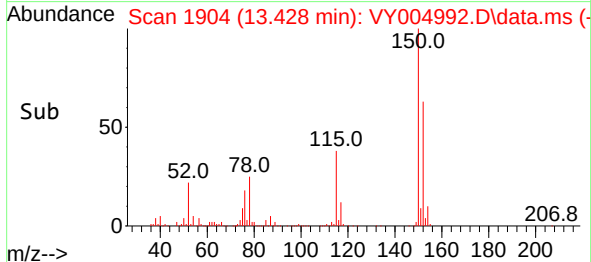
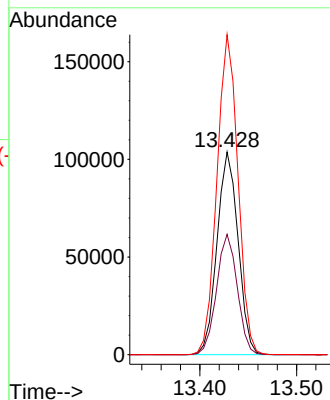
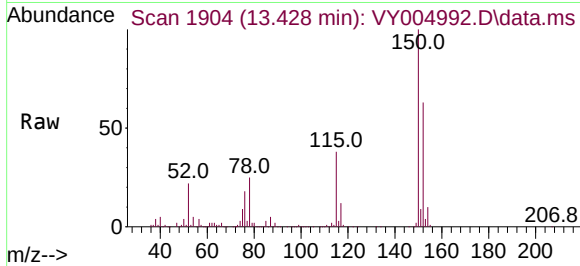




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004992.D
 Acq: 07 Jun 2021 15:00

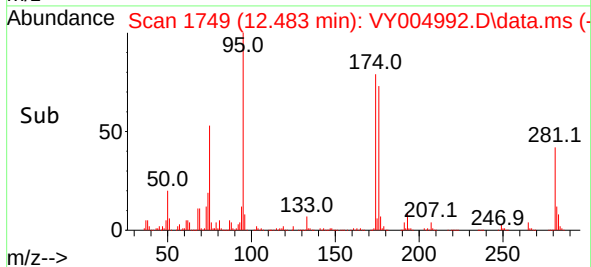
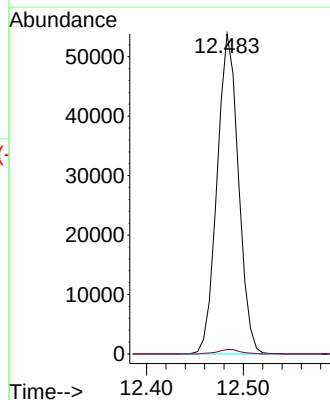
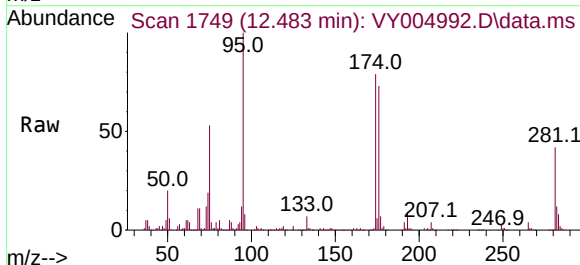
Instrument :
 MSVOA_Y
 ClientSampled :

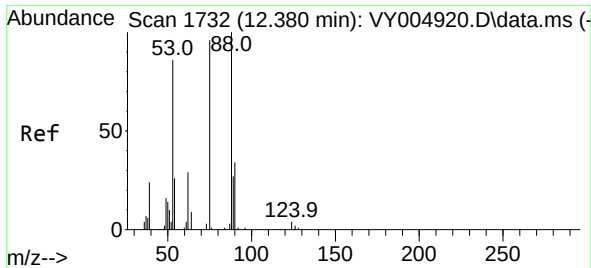
Tgt Ion:152 Resp: 156760
 Ion Ratio Lower Upper
 152 100
 115 58.5 29.9 89.7
 150 157.4 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 47.976 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004992.D
 Acq: 07 Jun 2021 15:00

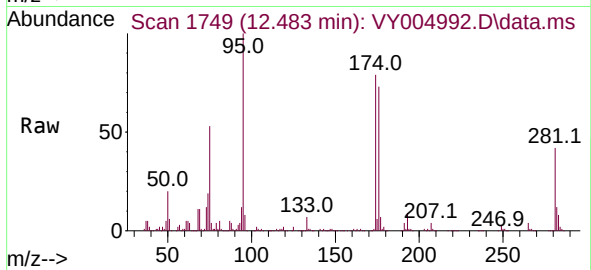
Tgt Ion: 75 Resp: 82441
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.169 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY004992.D
 Acq: 07 Jun 2021 15:00

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 82441
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.3 103.9#
 89 0.4 35.0 52.6#

