

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005806.D
 Acq On : 20 Aug 2021 20:20
 Operator : SY/MD
 Sample : M3463-27
 Misc : 5.23G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-23-0204

Quant Time: Aug 23 01:11:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

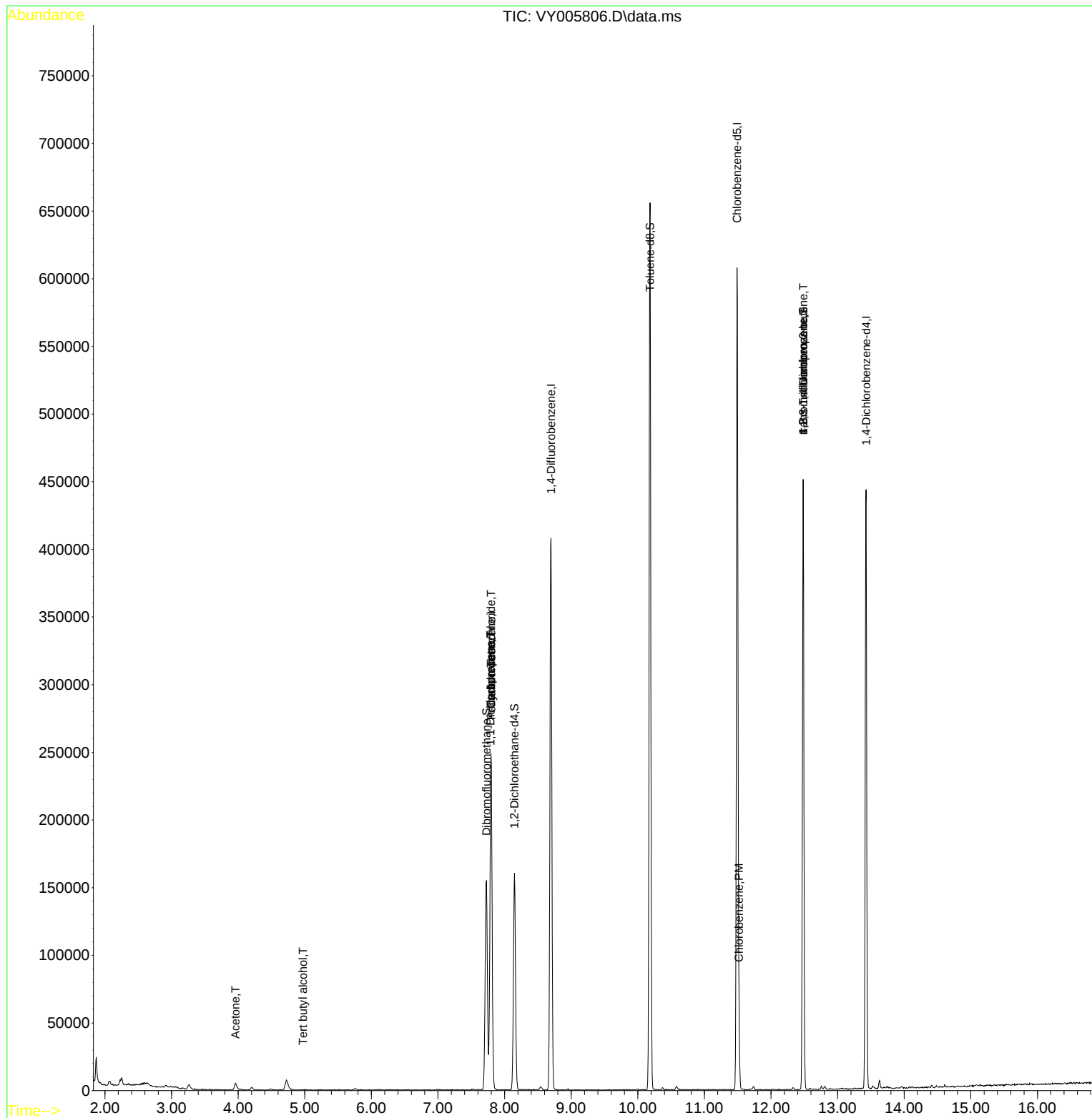
Internal Standards						
1) Pentafluorobenzene	7.801	168	202368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	347739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	319993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	127706	62.342	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.680%	
35) Dibromofluoromethane	7.728	113	104494	53.672	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.340%	
50) Toluene-d8	10.185	98	433641	53.108	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.220%	
62) 4-Bromofluorobenzene	12.483	95	122524	45.314	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	670	3.309	ug/l #	73
16) Acetone	3.960	43	8459	16.379	ug/l	99
20) Methylene Chloride	4.722	84	4972	Below Cal		93
31) Cyclohexane	7.795	56	4025	1.146	ug/l #	13
36) 1,1-Dichloropropene	7.789	75	14704	4.508	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18576	5.240	ug/l #	17
65) Chlorobenzene	11.520	112	22491	3.493	ug/l	95
76) 1,2,3-Trichloropropane	12.483	75	68042	56.792	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68042	114.485	ug/l #	11

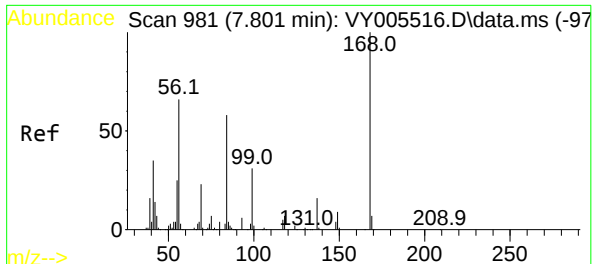
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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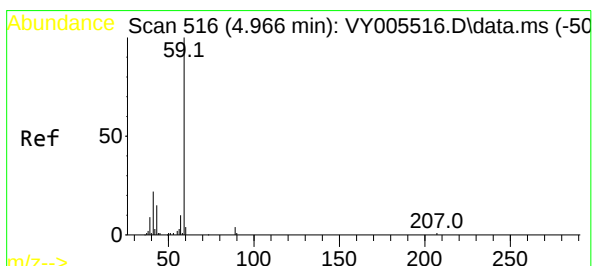
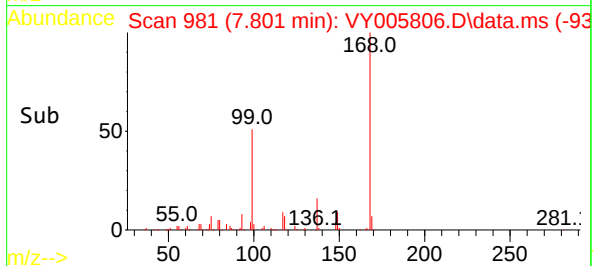
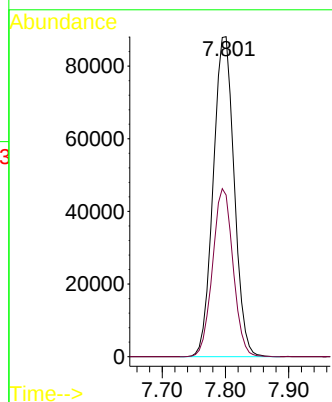
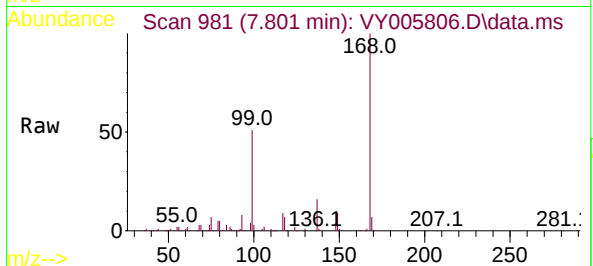




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005806.D
Acq: 20 Aug 2021 20:20

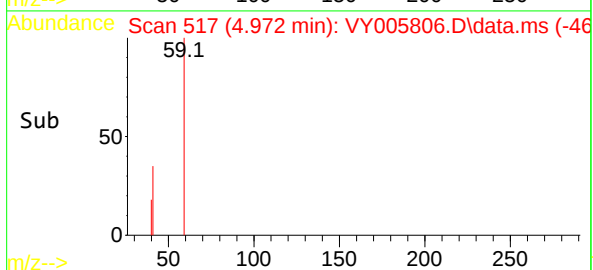
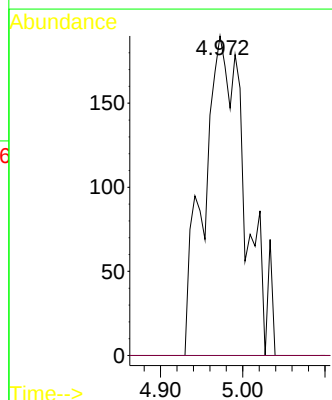
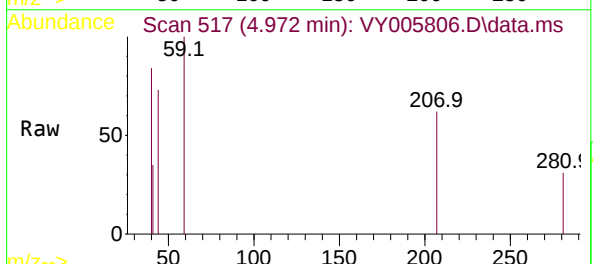
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MSVOA_Y
ClientSampleId :
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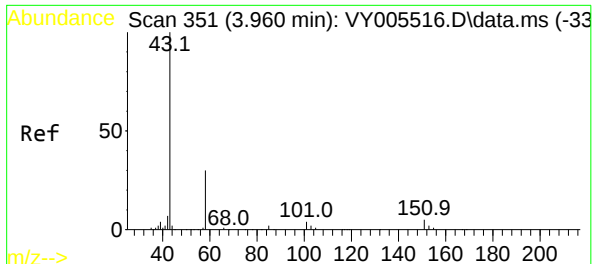
Tgt Ion:168 Resp: 202368
Ion Ratio Lower Upper
168 100
99 50.5 38.9 58.3



#11
Tert butyl alcohol
Concen: 3.309 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY005806.D
Acq: 20 Aug 2021 20:20

Tgt Ion: 59 Resp: 670
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

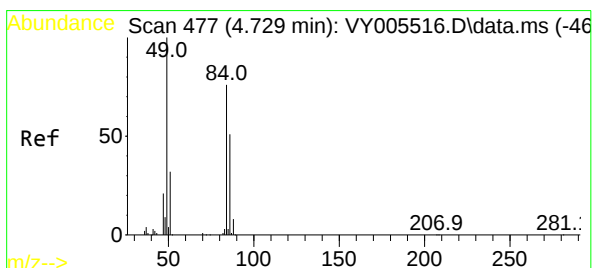
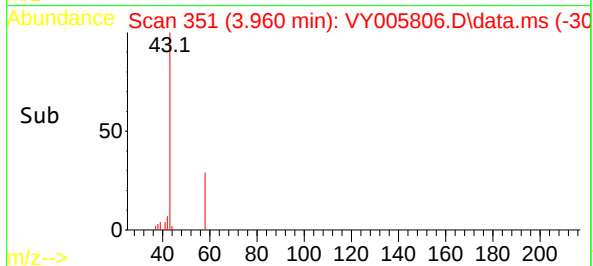
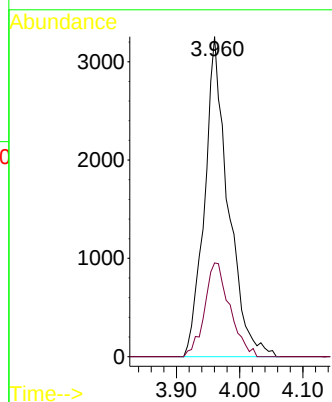
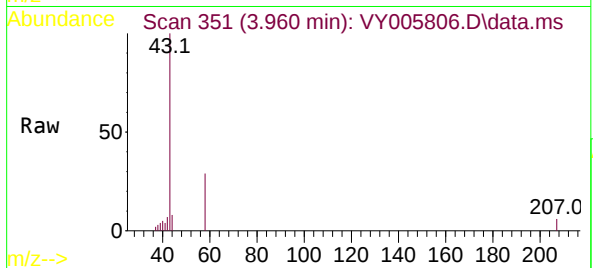




#16
Acetone
Concen: 16.379 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005806.D
Acq: 20 Aug 2021 20:20

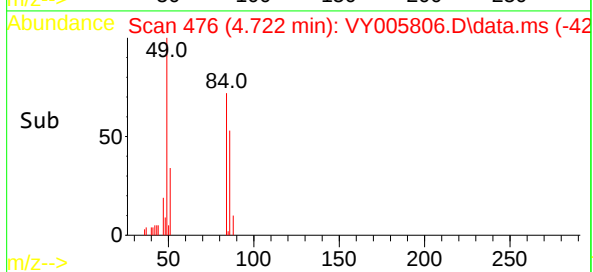
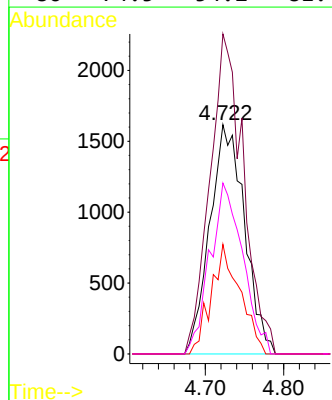
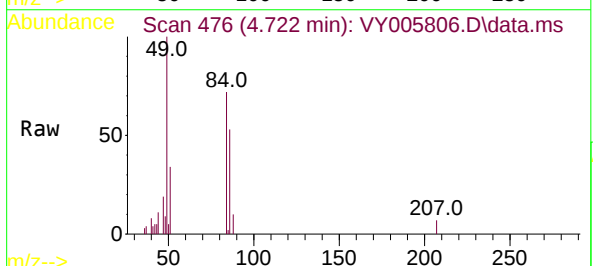
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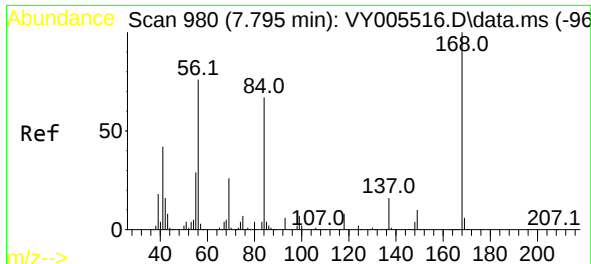
Tgt Ion: 43 Resp: 8459
Ion Ratio Lower Upper
43 100
58 29.3 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005806.D
Acq: 20 Aug 2021 20:20

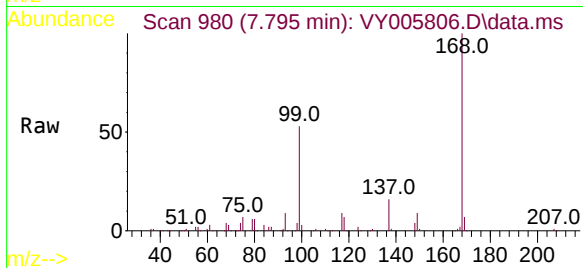
Tgt Ion: 84 Resp: 4972
Ion Ratio Lower Upper
84 100
49 139.6 105.8 158.6
51 47.8 33.4 50.2
86 74.5 54.2 81.4



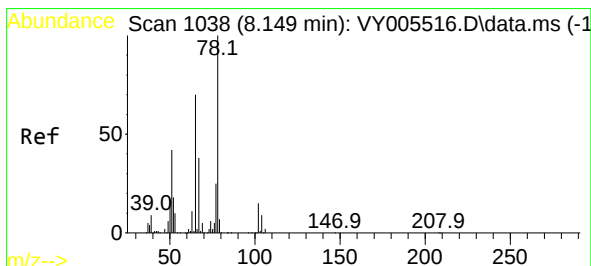
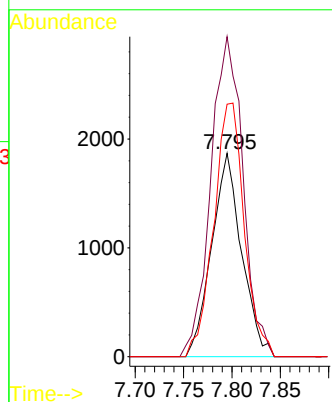
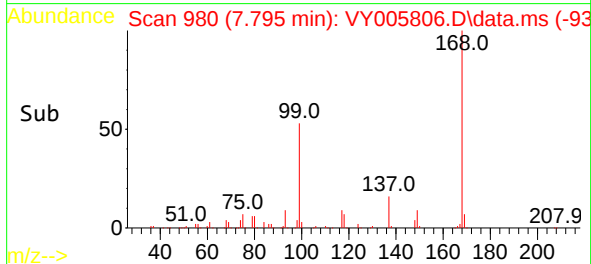


#31
Cyclohexane
Concen: 1.146 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005806.D
Acq: 20 Aug 2021 20:20

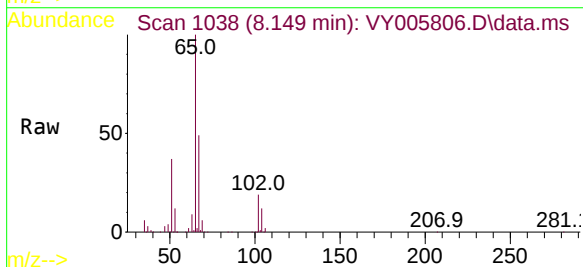
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-23-0204



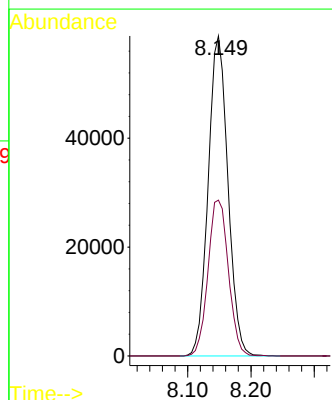
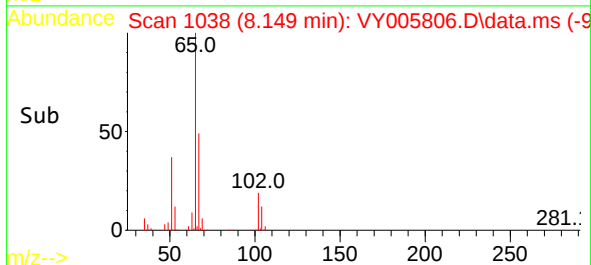
Tgt Ion: 56 Resp: 4025
Ion Ratio Lower Upper
56 100
69 157.4 27.7 41.5#
84 124.2 70.9 106.3#

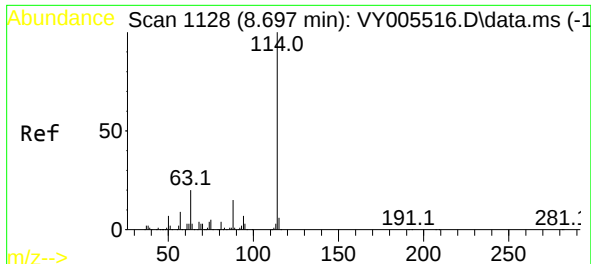


#33
1,2-Dichloroethane-d4
Concen: 62.342 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005806.D
Acq: 20 Aug 2021 20:20



Tgt Ion: 65 Resp: 127706
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.4

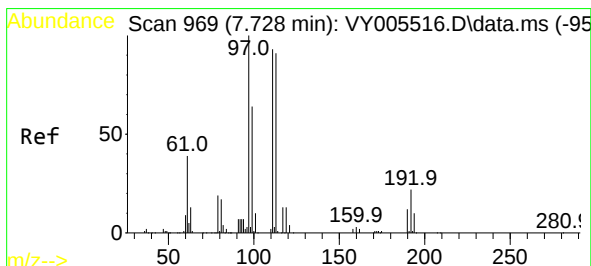
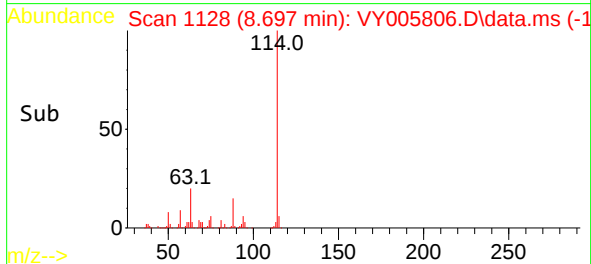
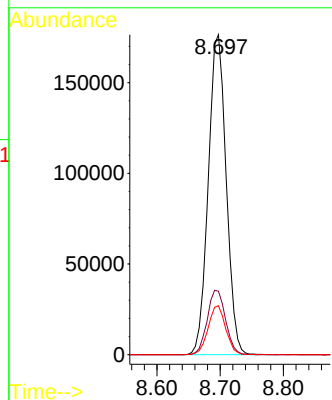
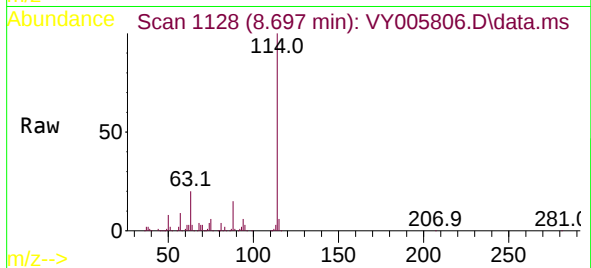




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005806.D
Acq: 20 Aug 2021 20:20

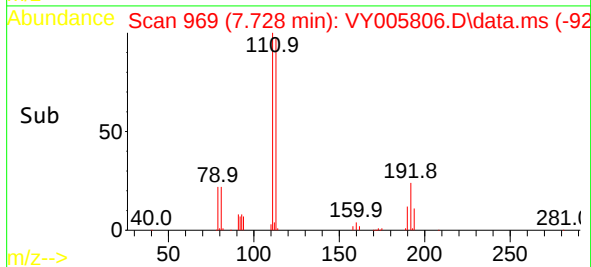
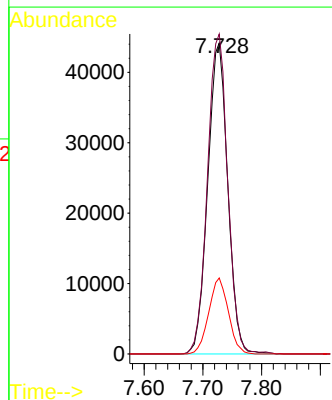
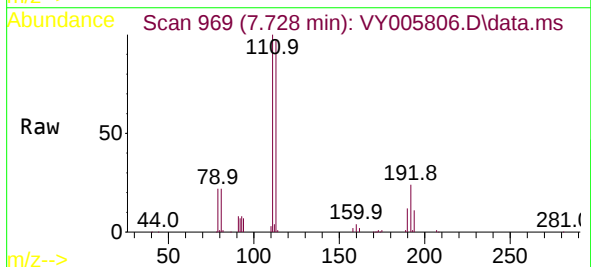
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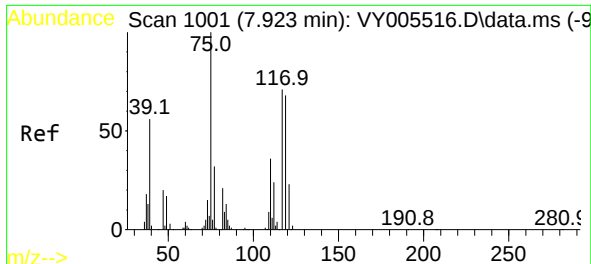
Tgt Ion:114 Resp: 347739
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.2
88 15.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.672 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005806.D
Acq: 20 Aug 2021 20:20

Tgt Ion:113 Resp: 104494
Ion Ratio Lower Upper
113 100
111 104.2 81.9 122.9
192 23.9 19.2 28.8

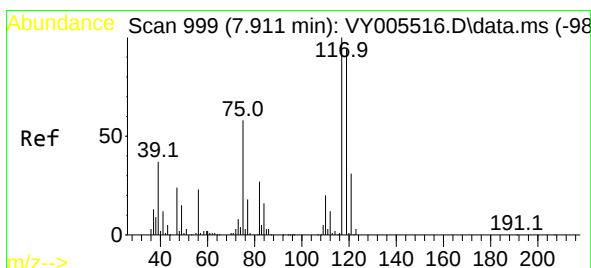
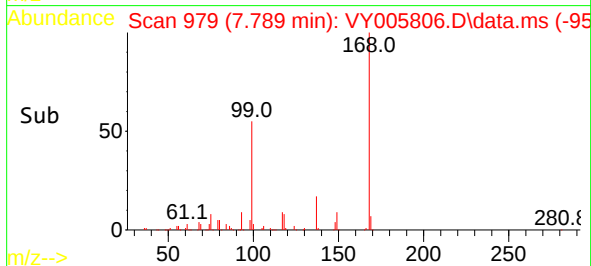
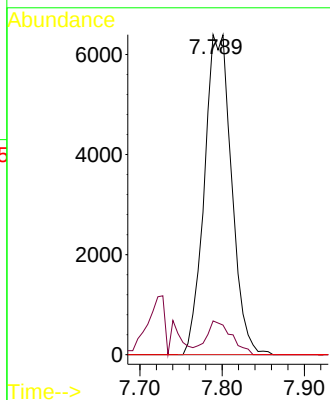
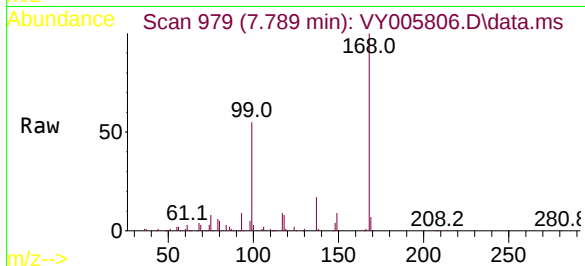




#36
1,1-Dichloropropene
Concen: 4.508 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY005806.D
Acq: 20 Aug 2021 20:20

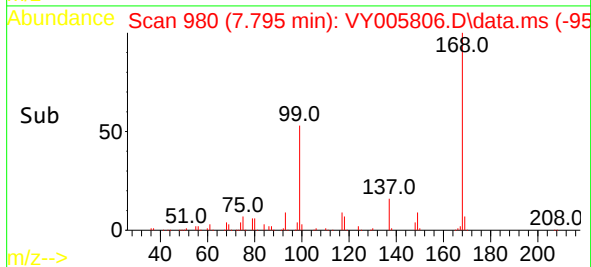
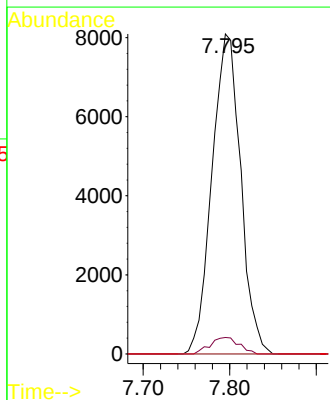
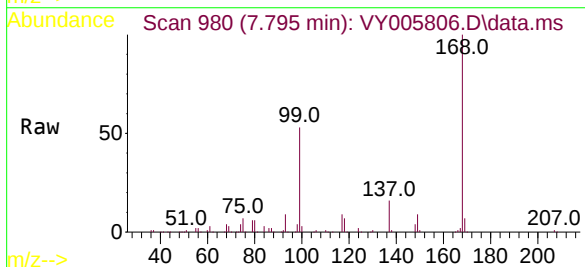
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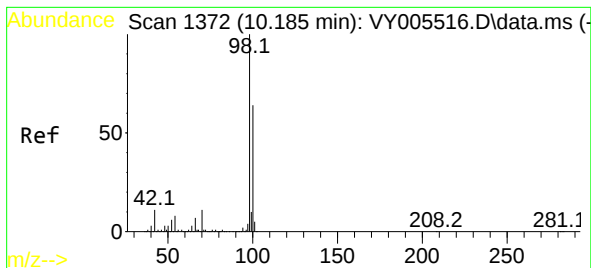
Tgt Ion:	75	Resp:	14704
Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.1#
77	0.0	25.1	37.7#



#38
Carbon Tetrachloride
Concen: 5.240 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005806.D
Acq: 20 Aug 2021 20:20

Tgt Ion:	117	Resp:	18576
Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.4	113.0#
121	0.0	25.1	37.7#

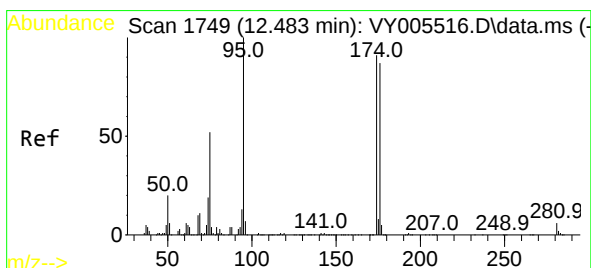
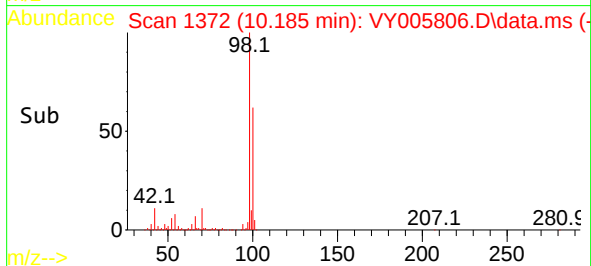
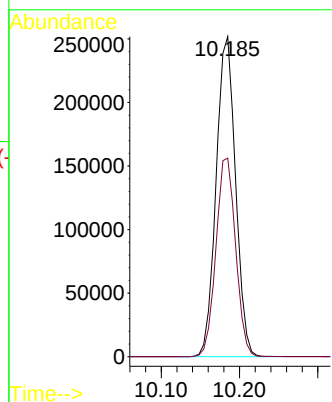
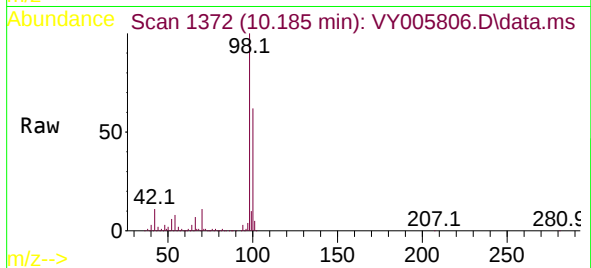




#50
Toluene-d8
Concen: 53.108 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005806.D
Acq: 20 Aug 2021 20:20

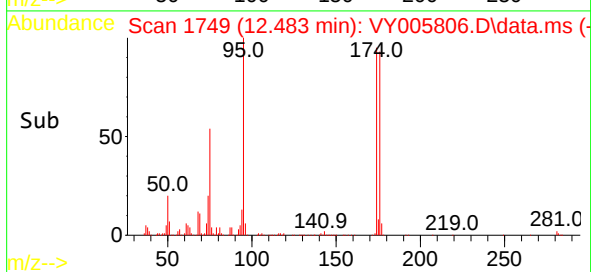
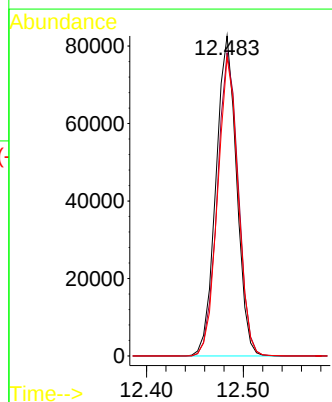
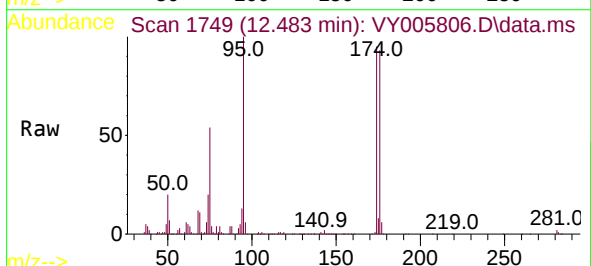
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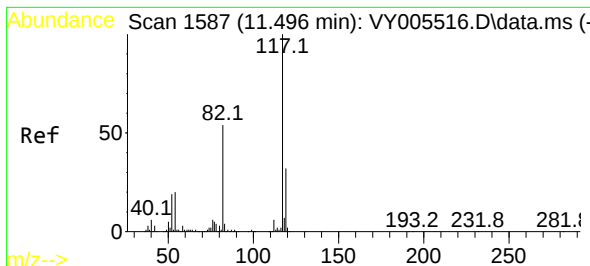
Tgt Ion: 98 Resp: 433641
Ion Ratio Lower Upper
98 100
100 62.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 45.314 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005806.D
Acq: 20 Aug 2021 20:20

Tgt Ion: 95 Resp: 122524
Ion Ratio Lower Upper
95 100
174 96.0 0.0 191.4
176 92.5 0.0 183.6

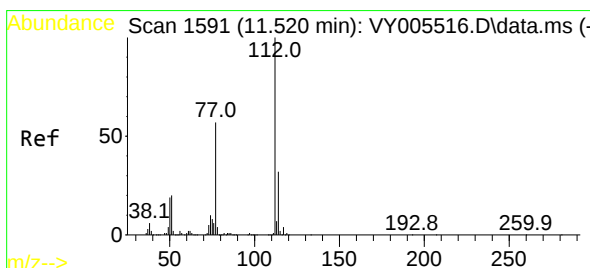
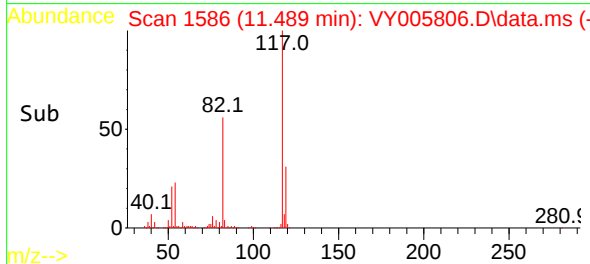
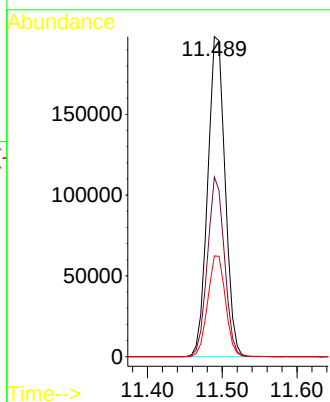
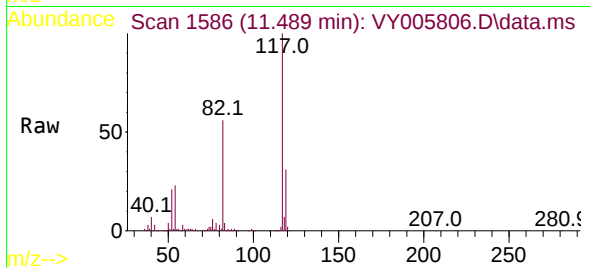




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005806.D
Acq: 20 Aug 2021 20:20

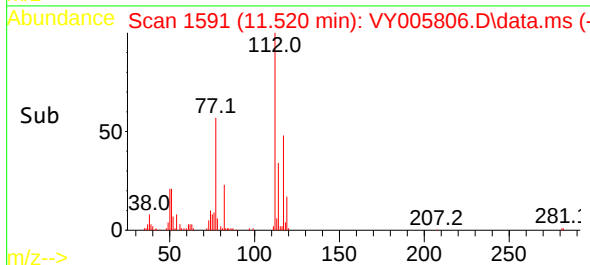
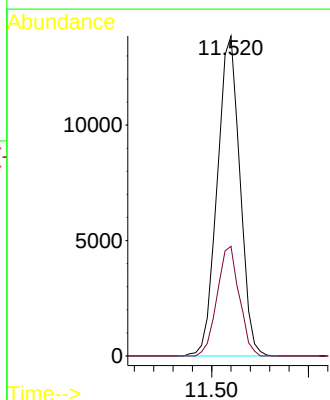
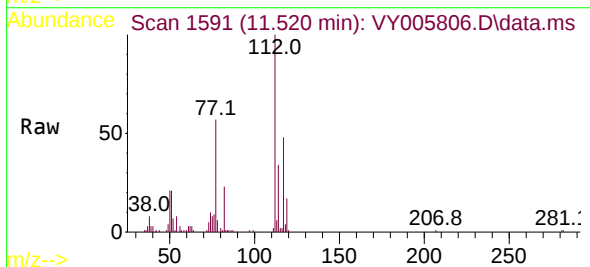
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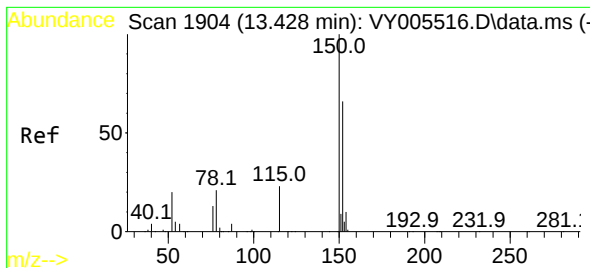
Tgt Ion:117 Resp: 319993
Ion Ratio Lower Upper
117 100
82 56.1 43.5 65.3
119 31.5 25.5 38.3



#65
Chlorobenzene
Concen: 3.493 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY005806.D
Acq: 20 Aug 2021 20:20

Tgt Ion:112 Resp: 22491
Ion Ratio Lower Upper
112 100
114 34.3 25.2 37.8

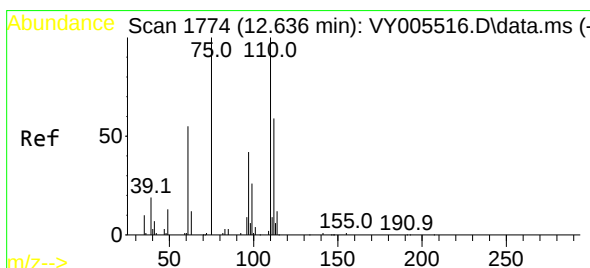
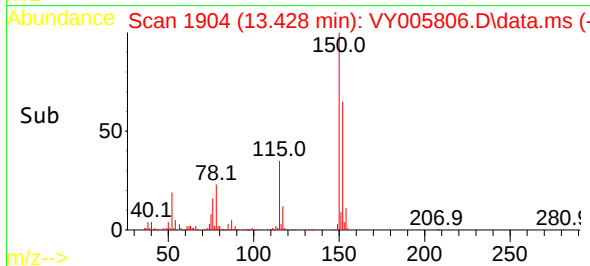
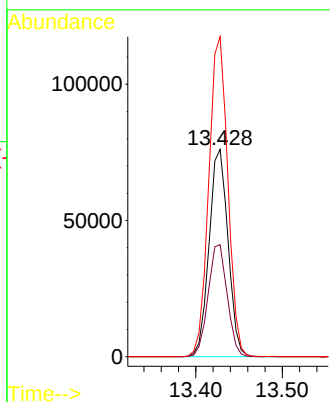
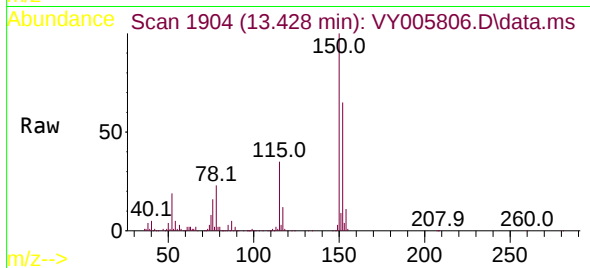




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005806.D
 Acq: 20 Aug 2021 20:20

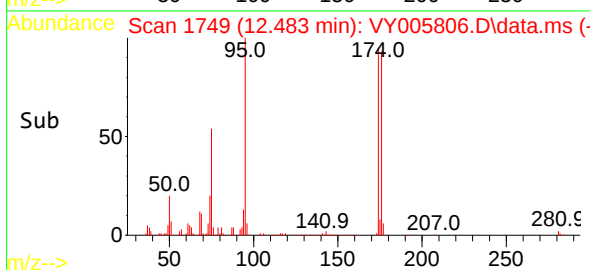
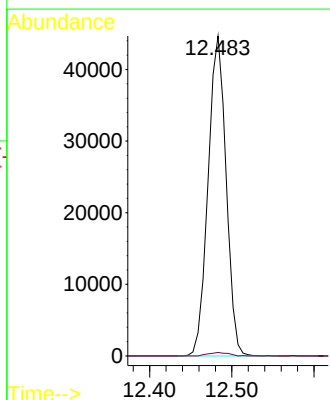
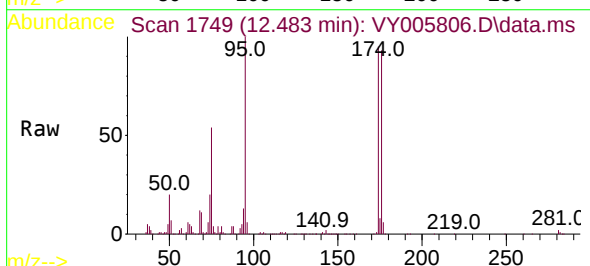
Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-23-0204

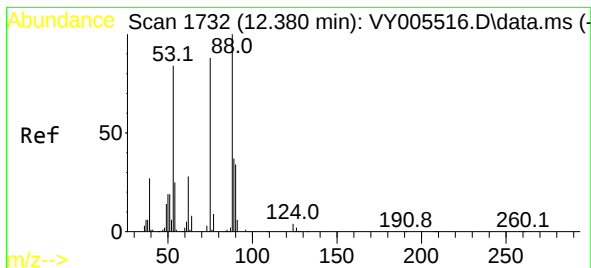
Tgt Ion:152 Resp: 115614
 Ion Ratio Lower Upper
 152 100
 115 54.4 27.3 81.9
 150 154.9 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 56.792 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005806.D
 Acq: 20 Aug 2021 20:20

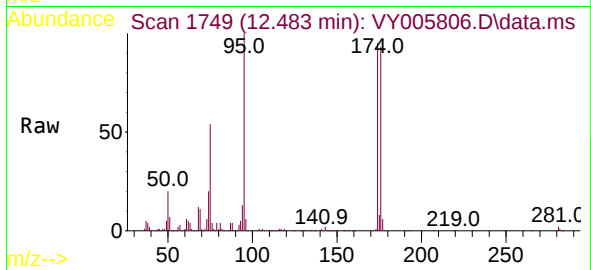
Tgt Ion: 75 Resp: 68042
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.485 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005806.D
 Acq: 20 Aug 2021 20:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-23-0204



Tgt Ion: 75 Resp: 68042
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.7 115.1#
 89 0.3 38.4 57.6#

