

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005643.D
 Acq On : 13 Aug 2021 18:48
 Operator : SY/MD
 Sample : M3368-02RE
 Misc : 9.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-01-0205

Quant Time: Aug 14 03:38:03 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)

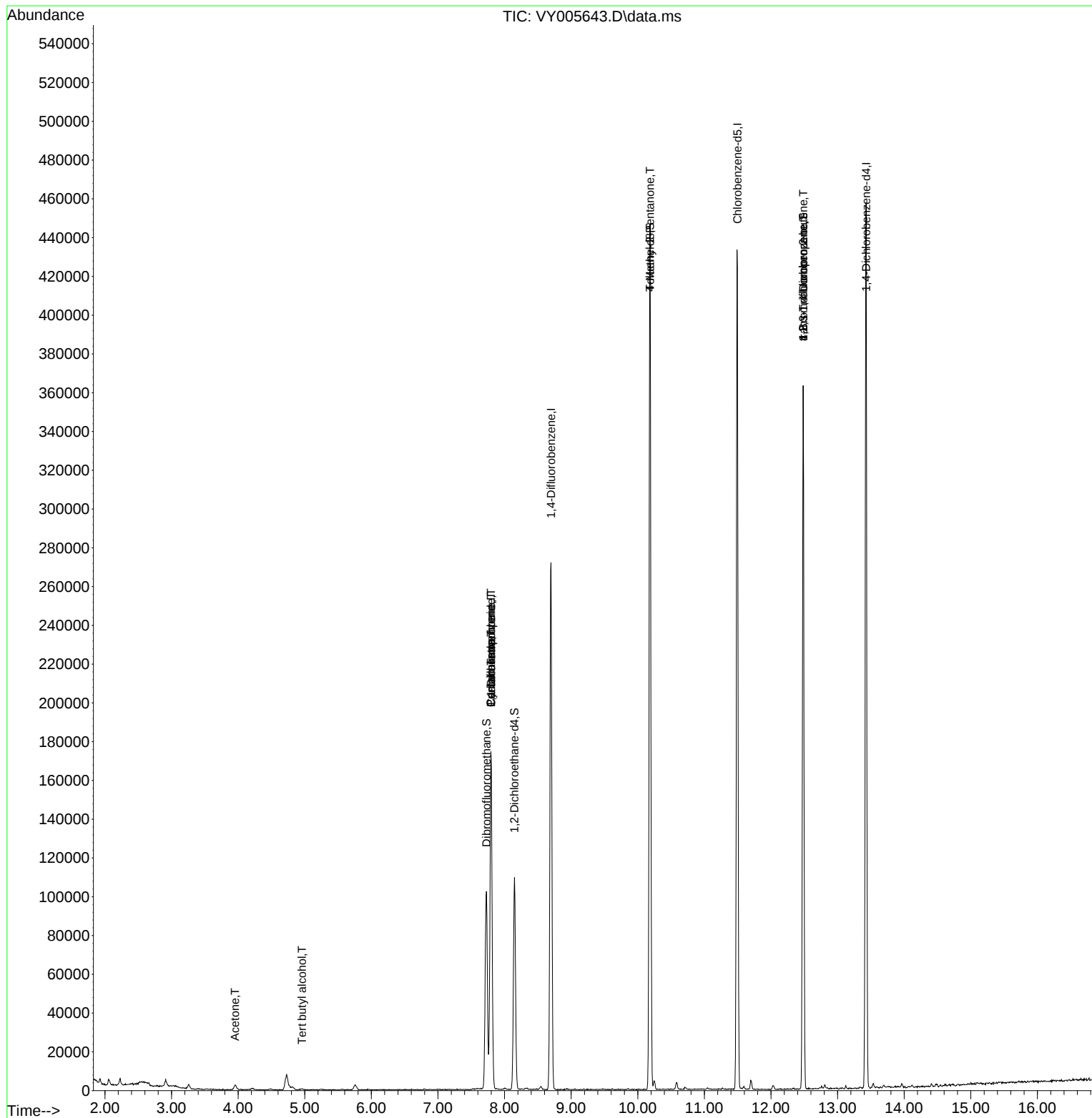
Internal Standards						
1) Pentafluorobenzene	7.795	168	138928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	230671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	232465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	87889	62.497	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.000%	
35) Dibromofluoromethane	7.728	113	69104	53.508	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.020%	
50) Toluene-d8	10.185	98	294190	54.315	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.640%	
62) 4-Bromofluorobenzene	12.483	95	102988	57.419	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	833	5.992	ug/l #	89
16) Acetone	3.954	43	4683	13.208	ug/l	99
20) Methylene Chloride	4.729	84	4920	Below Cal		97
31) Cyclohexane	7.795	56	2941	1.219	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	9708	4.487	ug/l #	49
38) Carbon Tetrachloride	7.795	117	12280	5.222	ug/l #	18
51) 4-Methyl-2-Pentanone	10.185	43	1352	1.035	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	56107	45.368	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56107	91.455	ug/l #	11

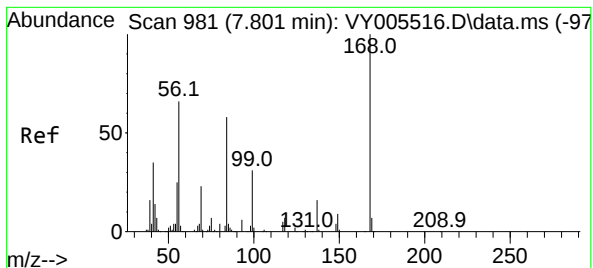
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY005643.D

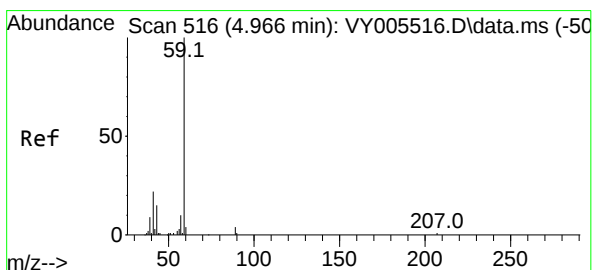
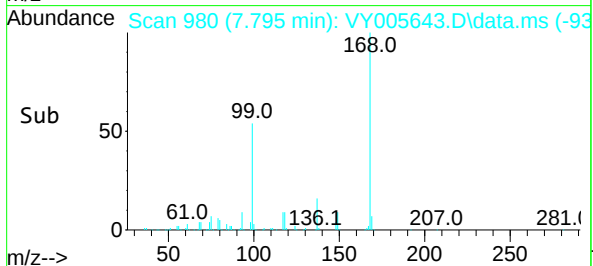
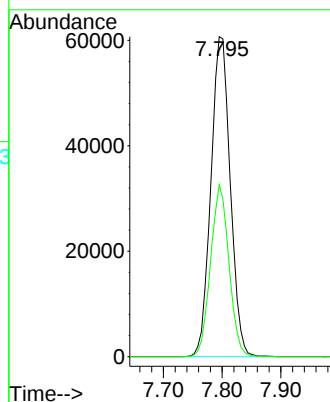
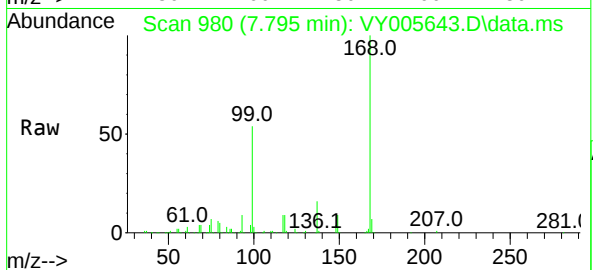
Acq: 13 Aug 2021 18:48

Tgt Ion:168 Resp: 138928

Ion Ratio Lower Upper

168 100

99 53.7 38.9 58.3



#11

Tert butyl alcohol

Concen: 5.992 ug/l

RT: 4.960 min Scan# 515

Delta R.T. -0.006 min

Lab File: VY005643.D

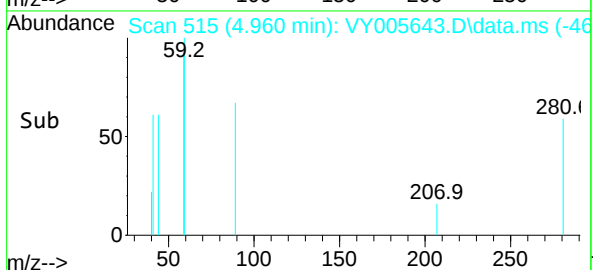
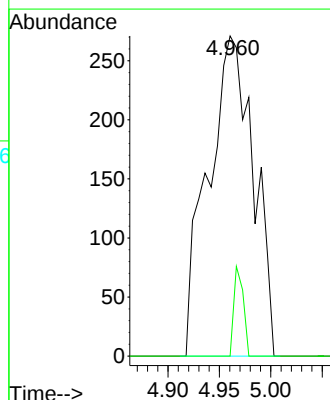
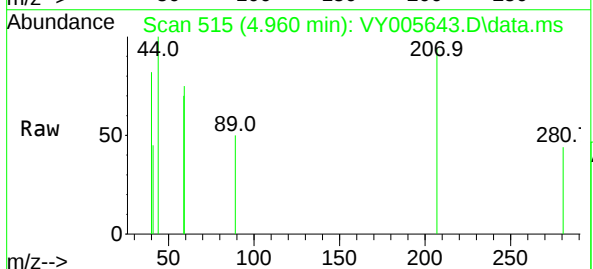
Acq: 13 Aug 2021 18:48

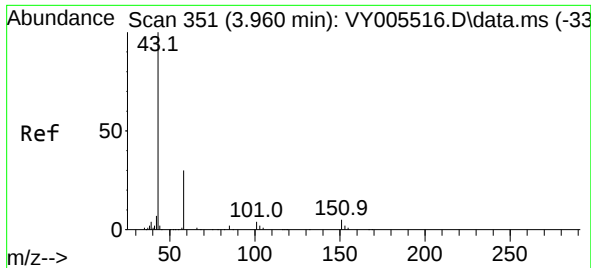
Tgt Ion: 59 Resp: 833

Ion Ratio Lower Upper

59 100

57 5.8 8.0 12.0#

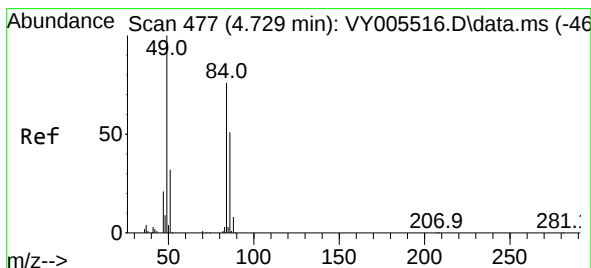
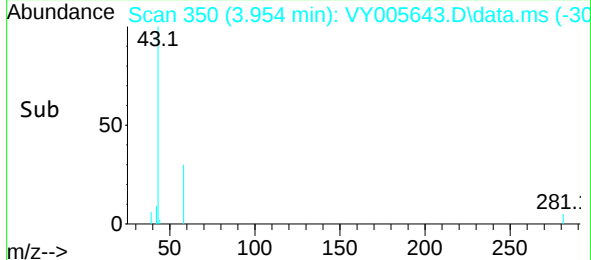
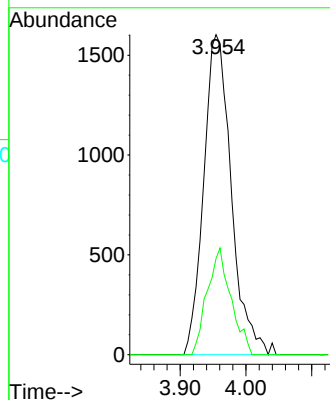
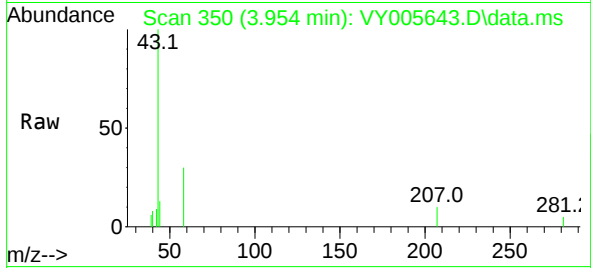




#16
Acetone
Concen: 13.208 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005643.D
Acq: 13 Aug 2021 18:48

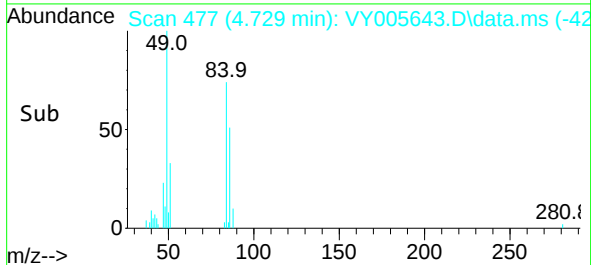
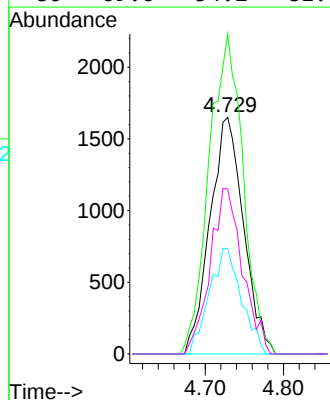
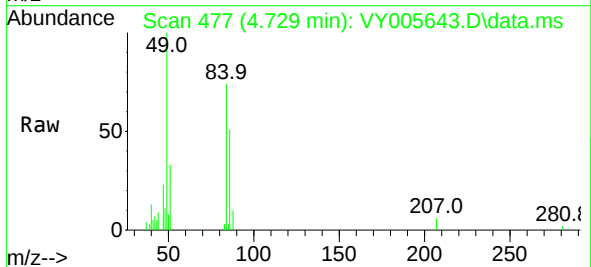
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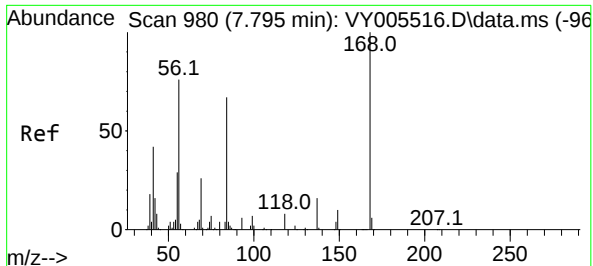
Tgt Ion: 43 Resp: 4683
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005643.D
Acq: 13 Aug 2021 18:48

Tgt Ion: 84 Resp: 4920
Ion Ratio Lower Upper
84 100
49 135.2 105.8 158.6
51 44.6 33.4 50.2
86 69.6 54.2 81.4

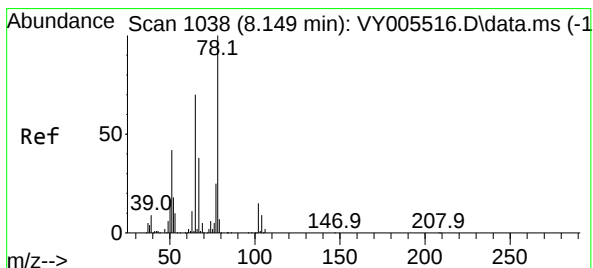
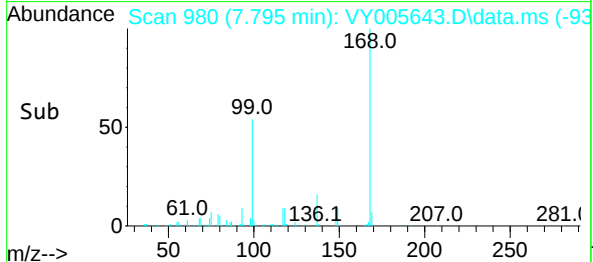
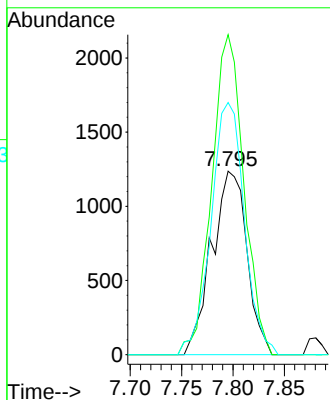
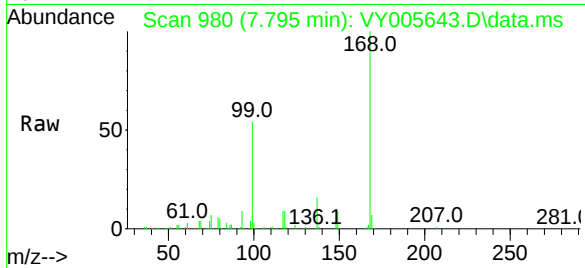




#31
Cyclohexane
Concen: 1.219 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005643.D
Acq: 13 Aug 2021 18:48

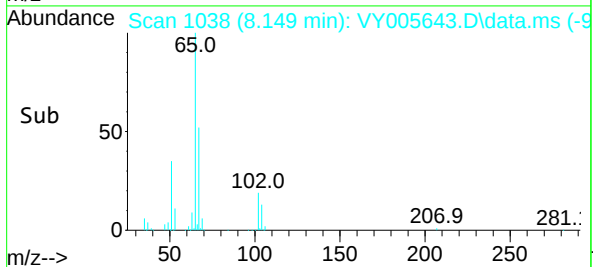
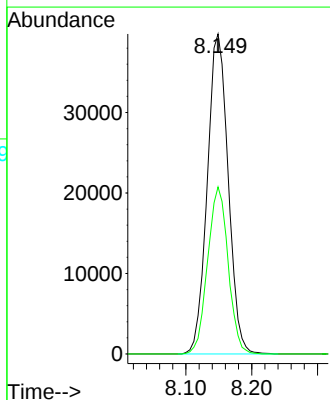
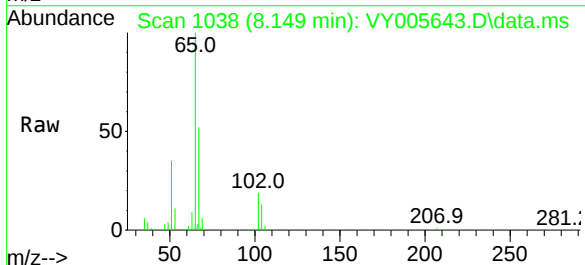
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-01-0205

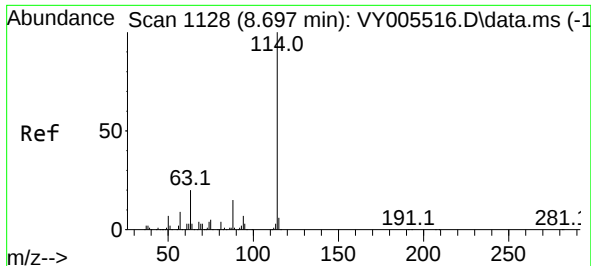
Tgt Ion: 56 Resp: 2941
Ion Ratio Lower Upper
56 100
69 174.4 27.7 41.5#
84 137.4 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 62.497 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005643.D
Acq: 13 Aug 2021 18:48

Tgt Ion: 65 Resp: 87889
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4

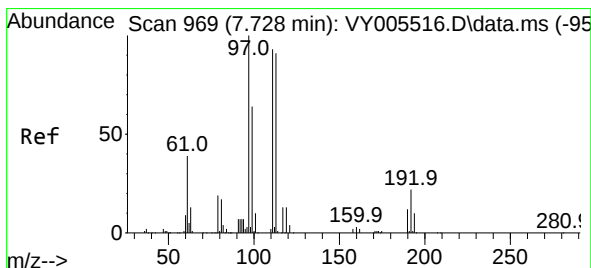
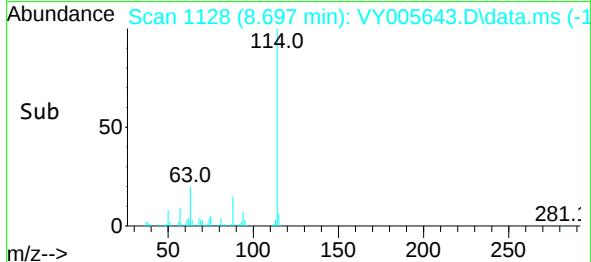
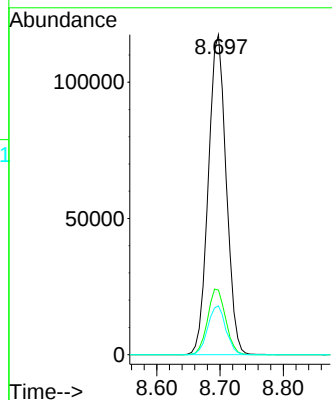
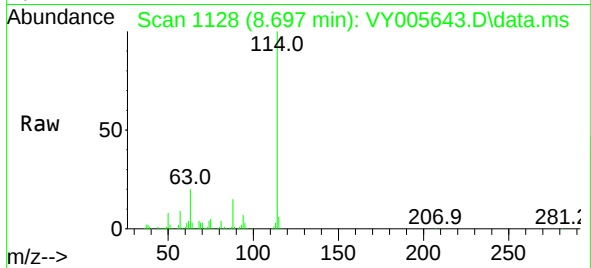




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005643.D
Acq: 13 Aug 2021 18:48

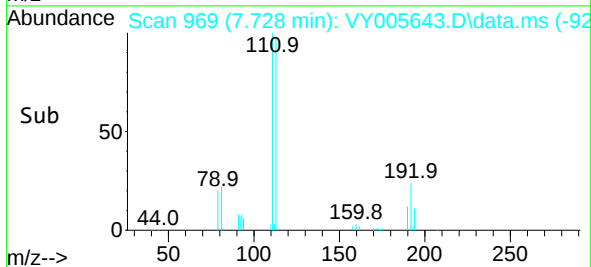
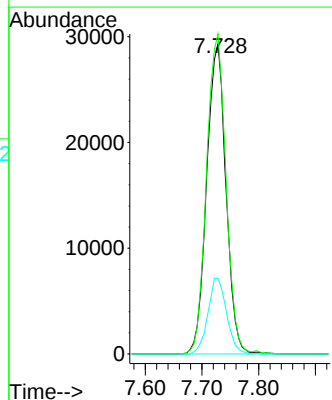
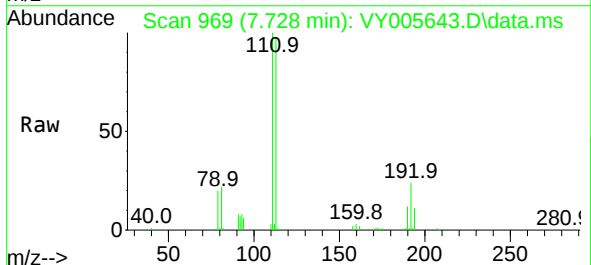
Instrument :
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ClientSampleId :
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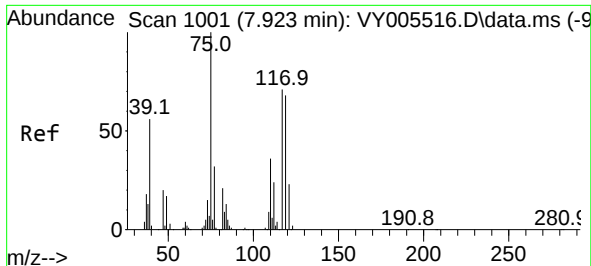
Tgt Ion:	114	Resp:	230671
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.2
88	15.2	0.0	30.8



#35
Dibromofluoromethane
Concen: 53.508 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005643.D
Acq: 13 Aug 2021 18:48

Tgt Ion:	113	Resp:	69104
Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.9	122.9
192	23.7	19.2	28.8

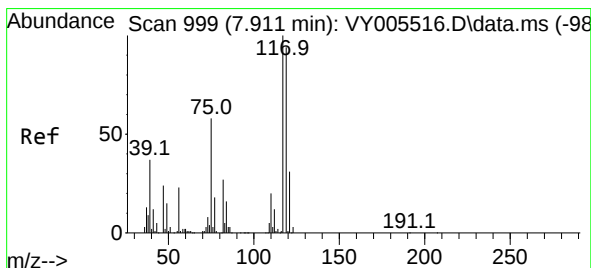
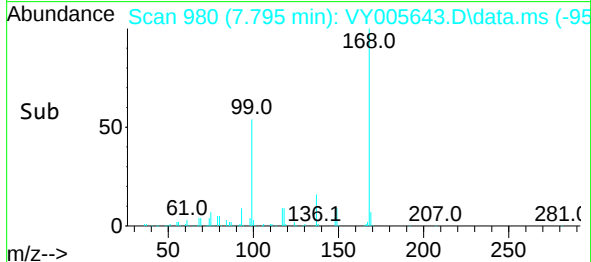
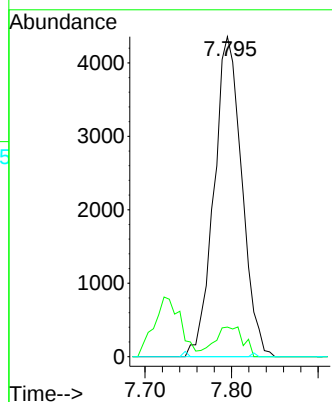
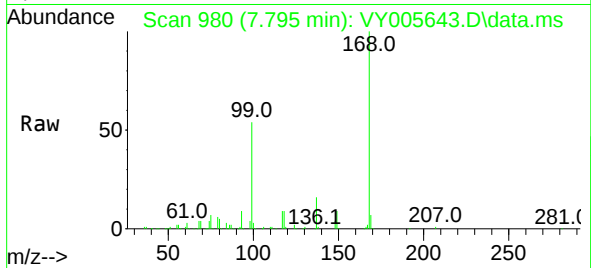




#36
 1,1-Dichloropropene
 Concen: 4.487 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005643.D
 Acq: 13 Aug 2021 18:48

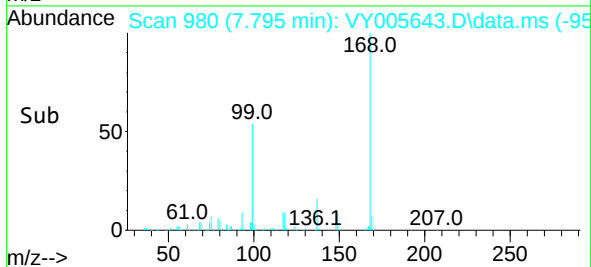
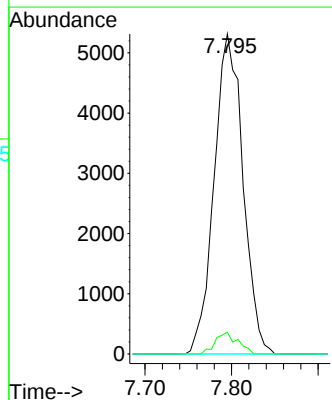
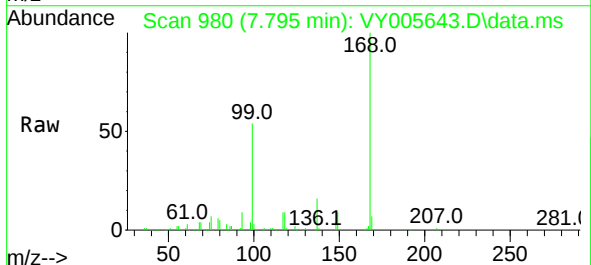
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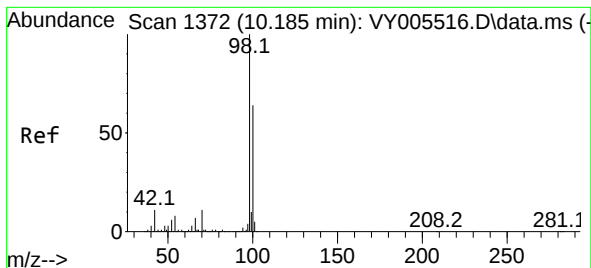
Tgt Ion:	75	Resp:	9708
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.1#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 5.222 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY005643.D
 Acq: 13 Aug 2021 18:48

Tgt Ion:	117	Resp:	12280
Ion	Ratio	Lower	Upper
117	100		
119	6.8	75.4	113.0#
121	0.0	25.1	37.7#

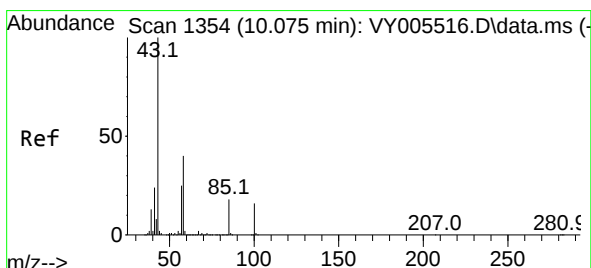
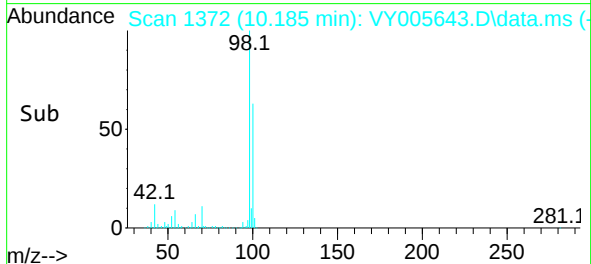
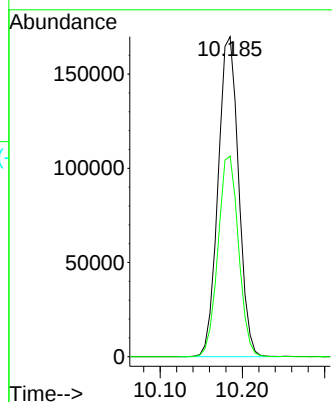
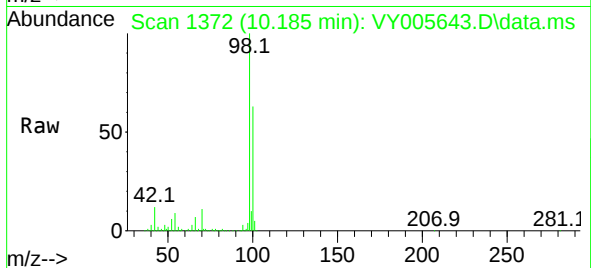




#50
Toluene-d8
Concen: 54.315 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005643.D
Acq: 13 Aug 2021 18:48

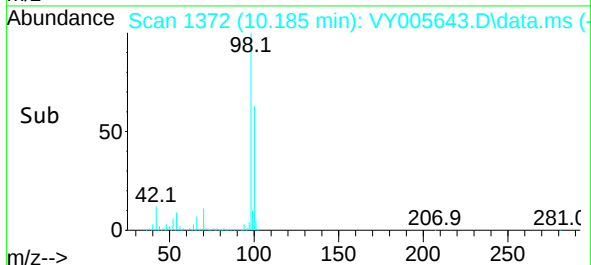
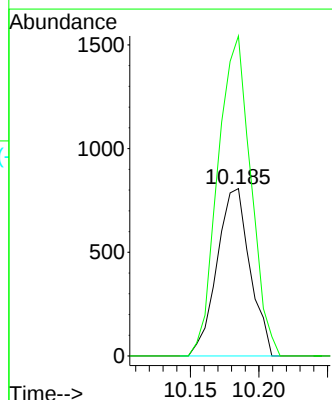
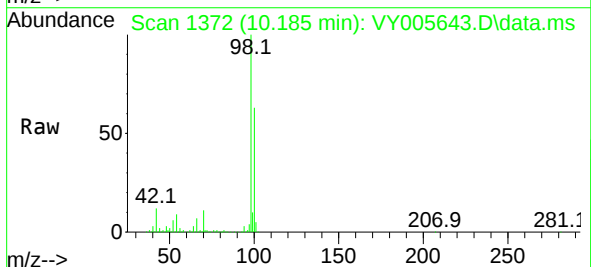
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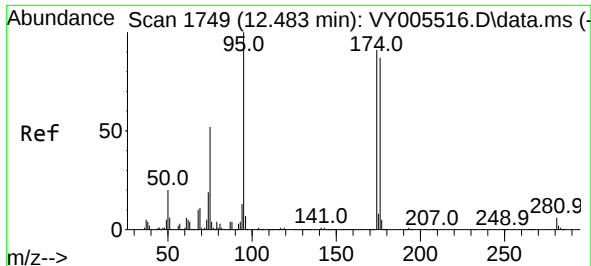
Tgt Ion: 98 Resp: 294190
Ion Ratio Lower Upper
98 100
100 62.9 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.035 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005643.D
Acq: 13 Aug 2021 18:48

Tgt Ion: 43 Resp: 1352
Ion Ratio Lower Upper
43 100
58 191.3 31.4 47.2#

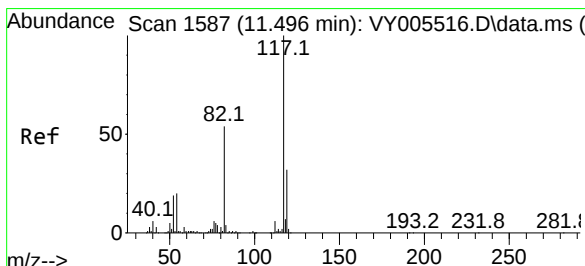
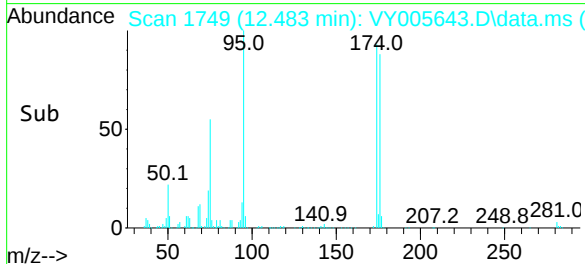
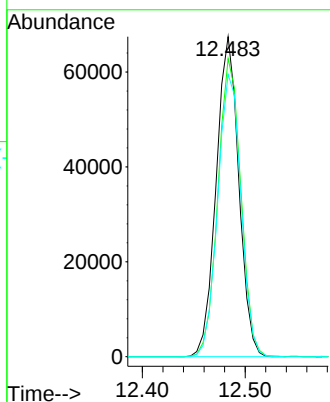
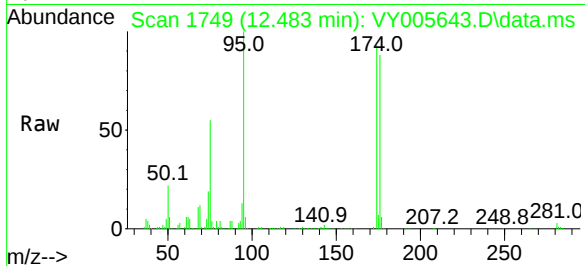




#62
4-Bromofluorobenzene
Concen: 57.419 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005643.D
Acq: 13 Aug 2021 18:48

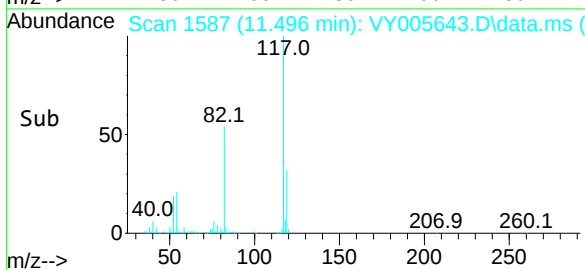
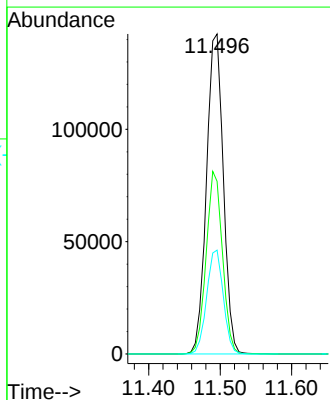
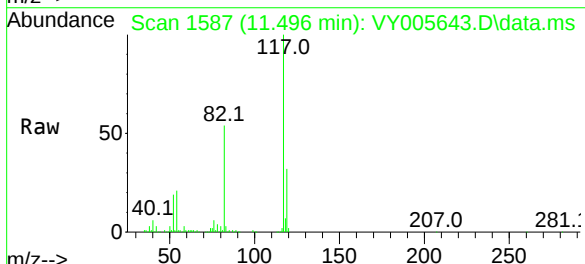
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ClientSampleId :
SWCS-01-0205

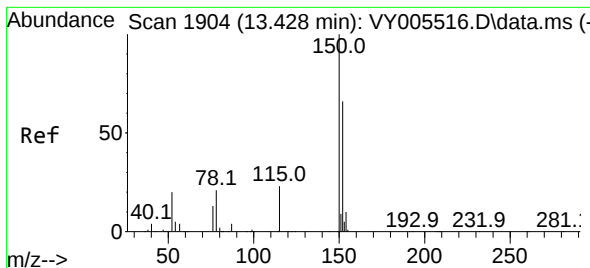
Tgt Ion: 95 Resp: 102988
Ion Ratio Lower Upper
95 100
174 94.4 0.0 191.4
176 90.5 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005643.D
Acq: 13 Aug 2021 18:48

Tgt Ion: 117 Resp: 232465
Ion Ratio Lower Upper
117 100
82 54.0 43.5 65.3
119 32.5 25.5 38.3

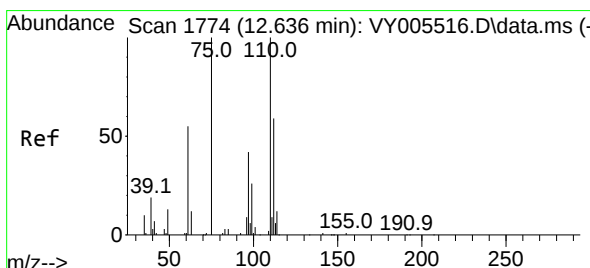
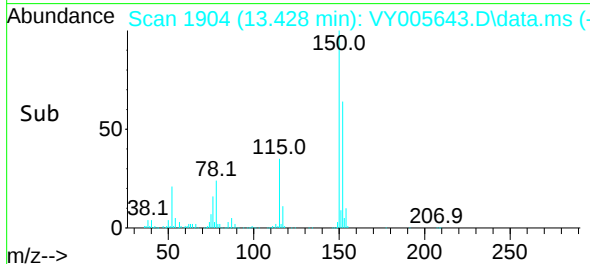
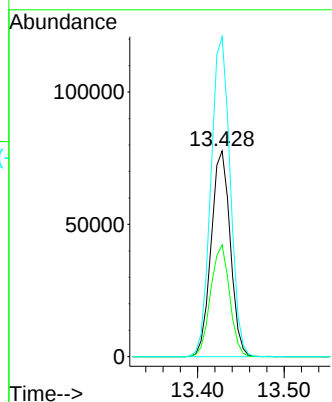
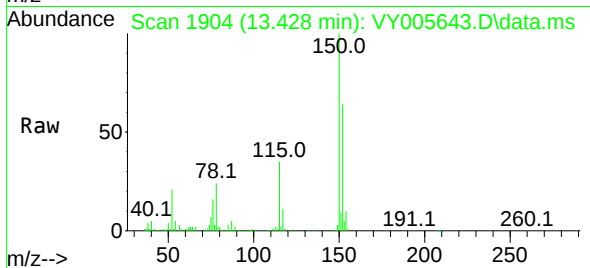




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005643.D
Acq: 13 Aug 2021 18:48

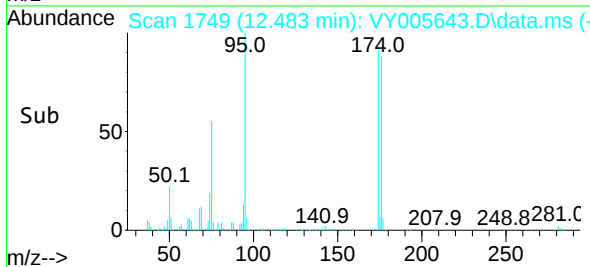
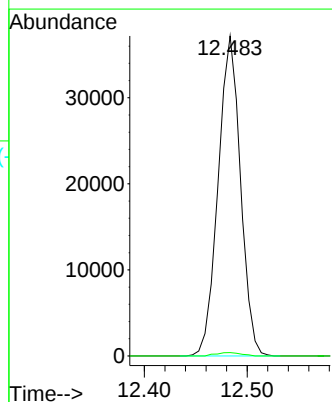
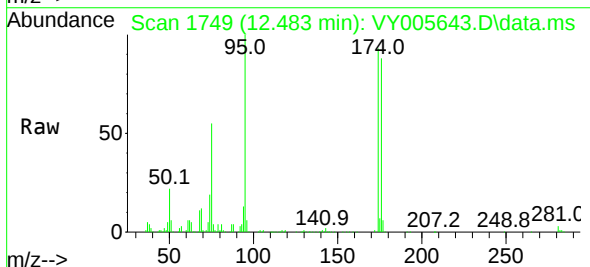
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-01-0205

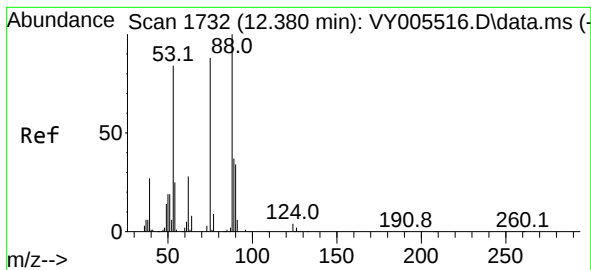
Tgt Ion:152 Resp: 119341
Ion Ratio Lower Upper
152 100
115 53.8 27.3 81.9
150 156.4 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 45.368 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005643.D
Acq: 13 Aug 2021 18:48

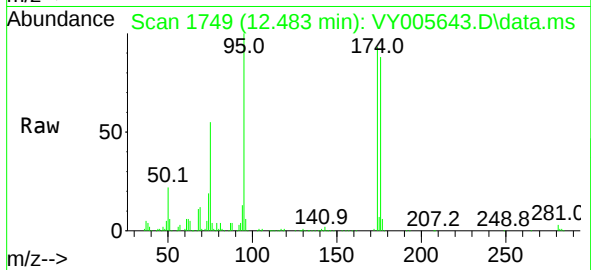
Tgt Ion: 75 Resp: 56107
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.455 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005643.D
 Acq: 13 Aug 2021 18:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-01-0205



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.1	38.4	57.6#

