

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
 Data File : VY005816.D
 Acq On : 24 Aug 2021 12:51
 Operator : SY/MD
 Sample : M3463-01
 Misc : 7.75G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-20-0003

Quant Time: Aug 25 04:29:18 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)

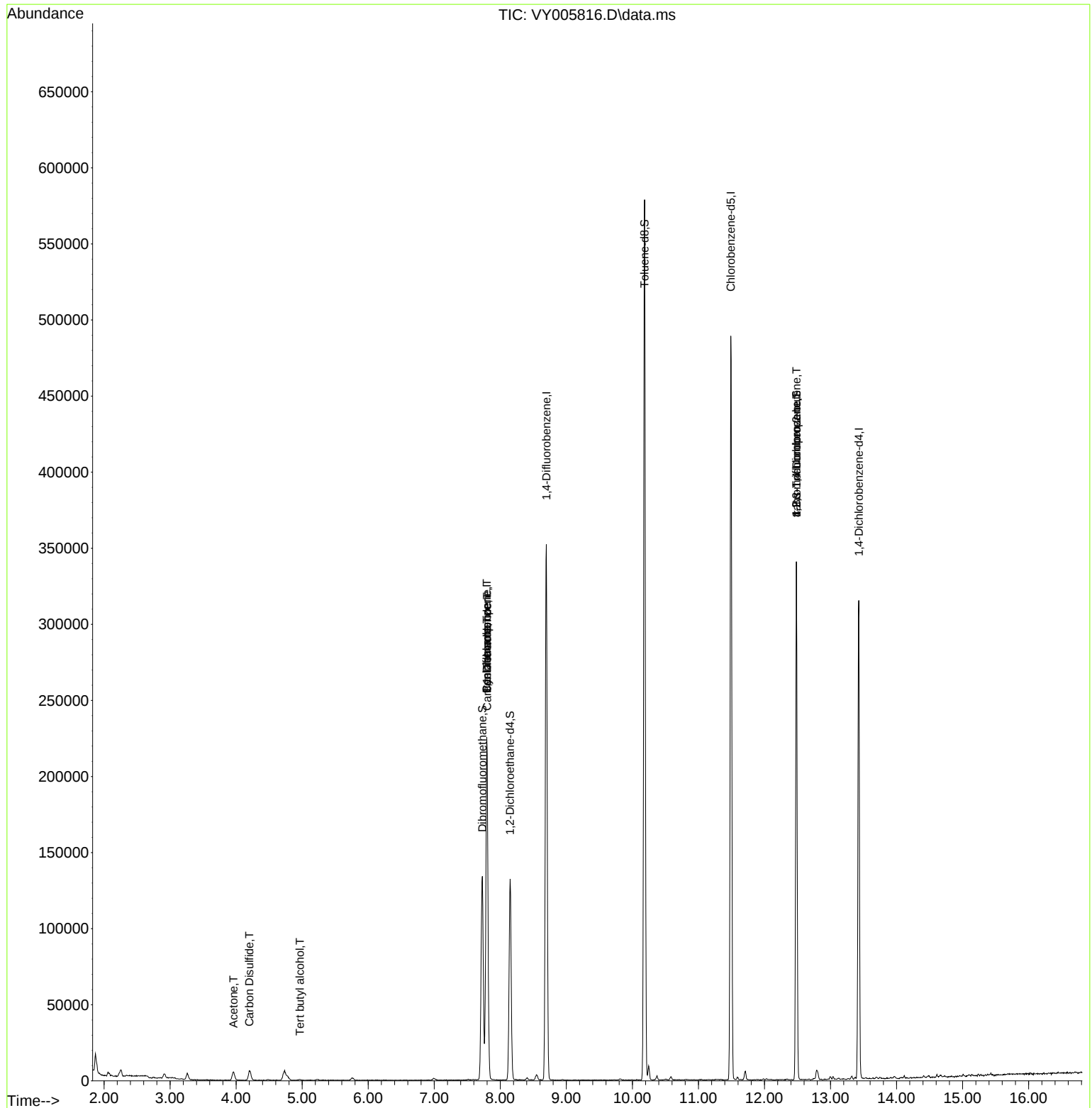
Internal Standards						
1) Pentafluorobenzene	7.795	168	181900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	301065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	269889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105828	57.475	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.960%	
35) Dibromofluoromethane	7.728	113	90009	53.399	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.800%	
50) Toluene-d8	10.185	98	378098	53.485	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.960%	
62) 4-Bromofluorobenzene	12.483	95	92980	39.718	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	885	4.862	ug/l #	86
16) Acetone	3.960	43	9953	21.440	ug/l	99
17) Carbon Disulfide	4.198	76	13220	2.736	ug/l #	94
20) Methylene Chloride	4.723	84	4464	Below Cal	#	74
31) Cyclohexane	7.795	56	3708	1.174	ug/l #	21
36) 1,1-Dichloropropene	7.795	75	12571	4.452	ug/l #	50
38) Carbon Tetrachloride	7.801	117	16268	5.301	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	51645	59.886	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51645	120.722	ug/l #	11

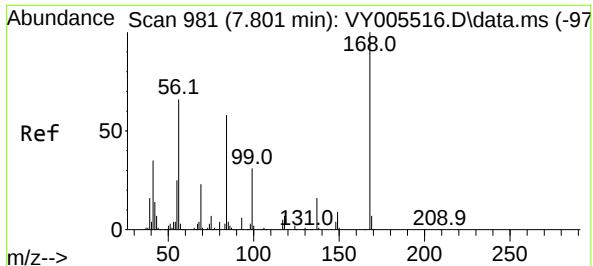
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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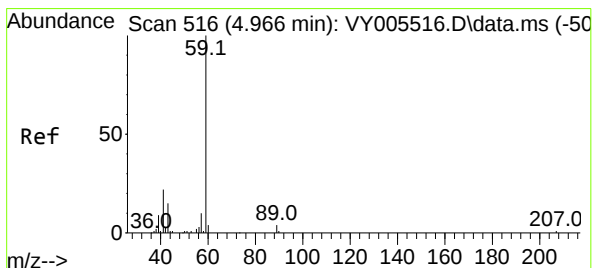
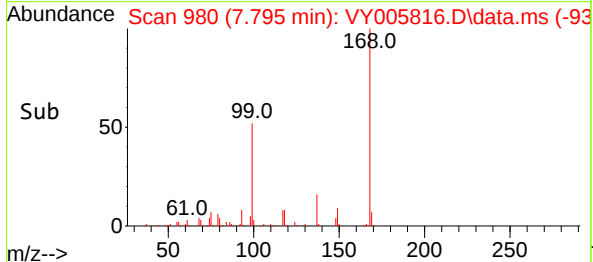
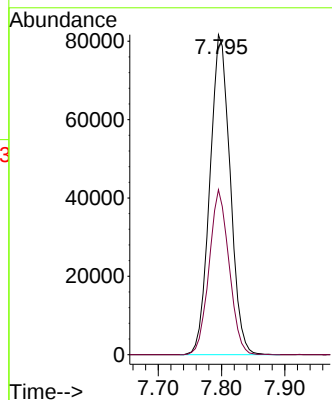
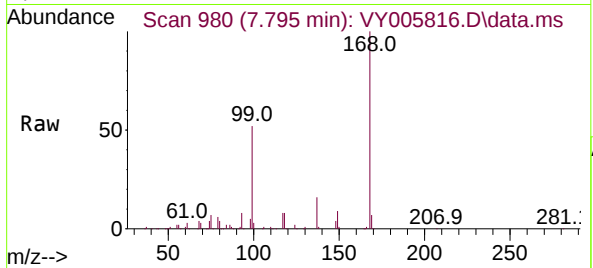




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005816.D
Acq: 24 Aug 2021 12:51

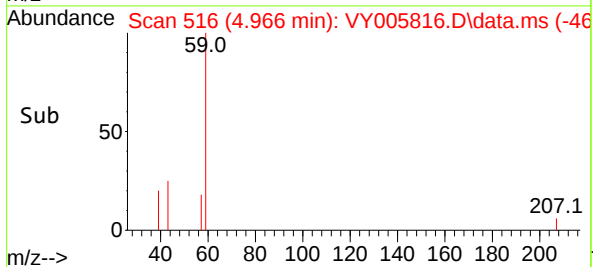
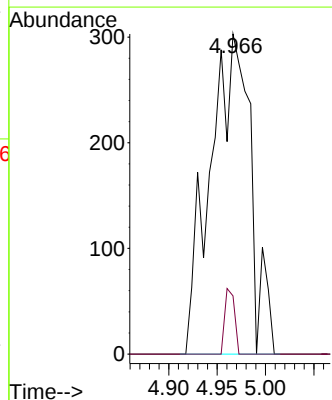
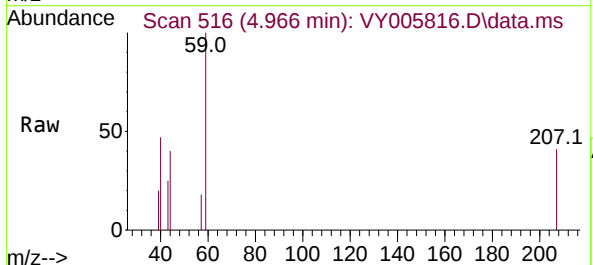
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-20-0003

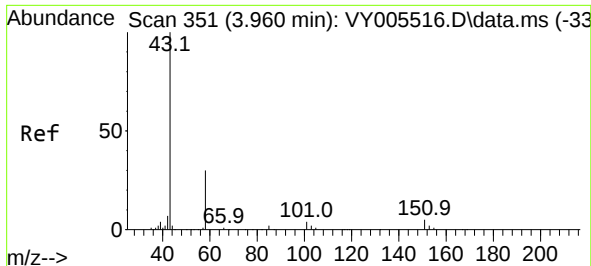
Tgt Ion:168 Resp: 181900
Ion Ratio Lower Upper
168 100
99 51.6 38.9 58.3



#11
Tert butyl alcohol
Concen: 4.862 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY005816.D
Acq: 24 Aug 2021 12:51

Tgt Ion: 59 Resp: 885
Ion Ratio Lower Upper
59 100
57 4.9 8.0 12.0#

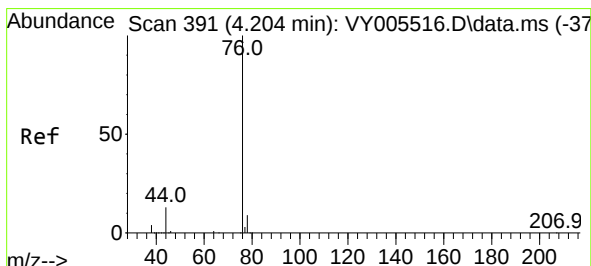
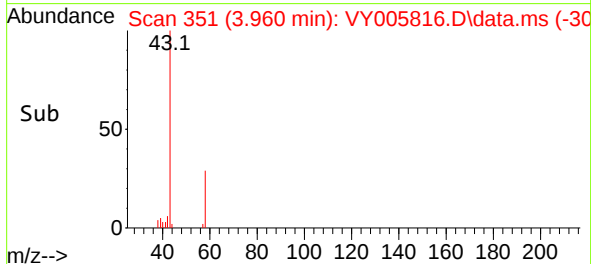
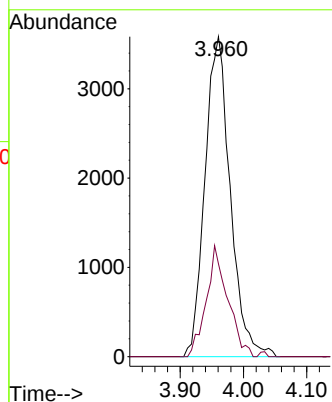
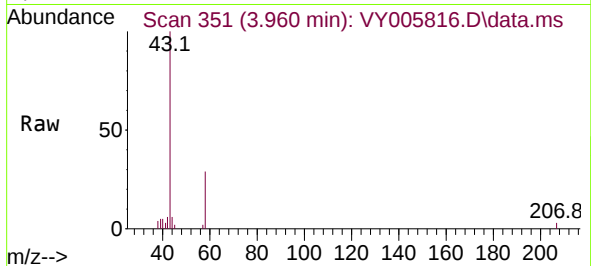




#16
Acetone
Concen: 21.440 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005816.D
Acq: 24 Aug 2021 12:51

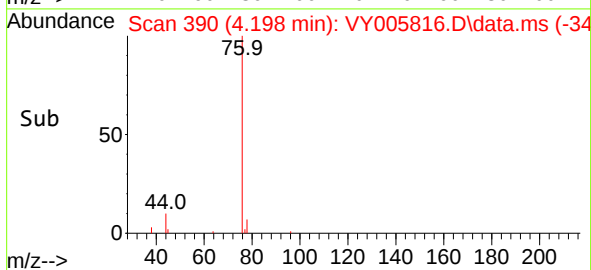
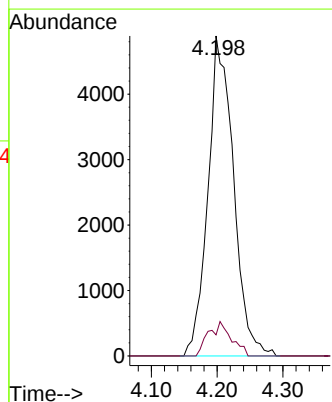
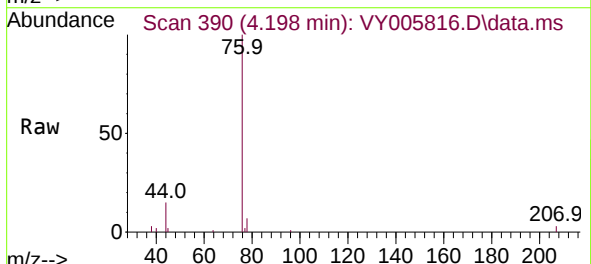
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-20-0003

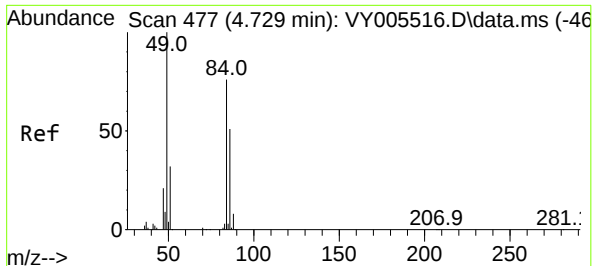
Tgt Ion: 43 Resp: 9953
Ion Ratio Lower Upper
43 100
58 29.0 23.8 35.6



#17
Carbon Disulfide
Concen: 2.736 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY005816.D
Acq: 24 Aug 2021 12:51

Tgt Ion: 76 Resp: 13220
Ion Ratio Lower Upper
76 100
78 6.6 7.0 10.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.723 min Scan# 476

Delta R.T. -0.006 min

Lab File: VY005816.D

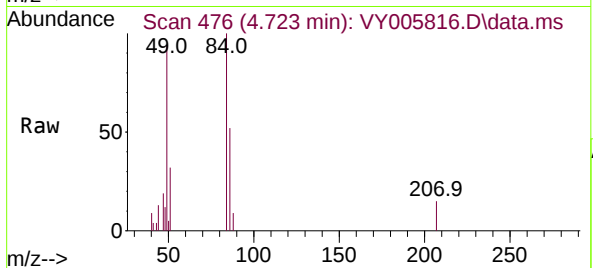
Acq: 24 Aug 2021 12:51

Instrument :

MSVOA_Y

ClientSampleId :

SWCS-20-0003



Tgt Ion: 84 Resp: 4464

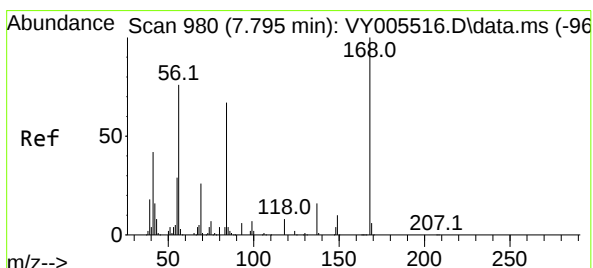
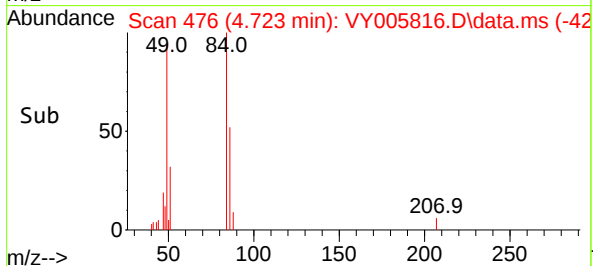
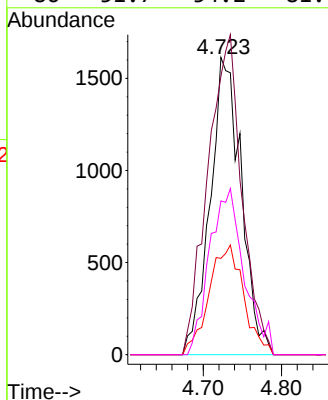
Ion Ratio Lower Upper

84 100

49 93.6 105.8 158.6#

51 32.4 33.4 50.2#

86 51.7 54.2 81.4#



#31

Cyclohexane

Concen: 1.174 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY005816.D

Acq: 24 Aug 2021 12:51

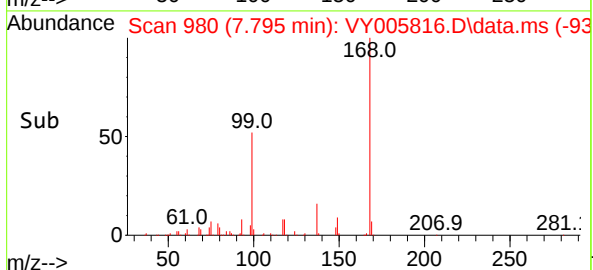
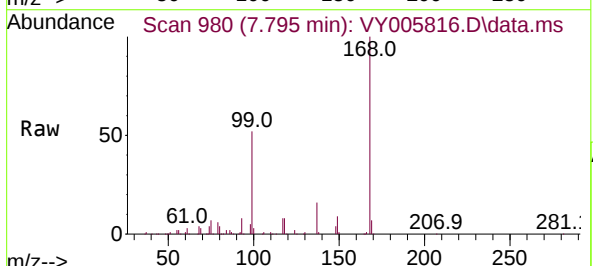
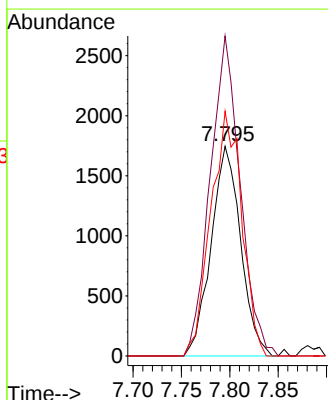
Tgt Ion: 56 Resp: 3708

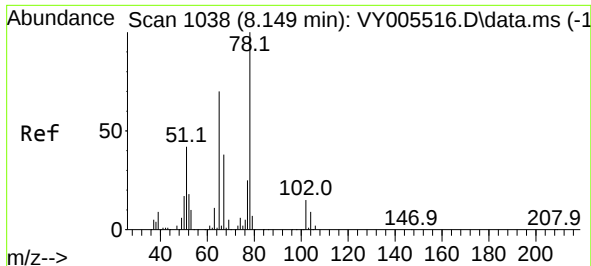
Ion Ratio Lower Upper

56 100

69 152.7 27.7 41.5#

84 116.7 70.9 106.3#

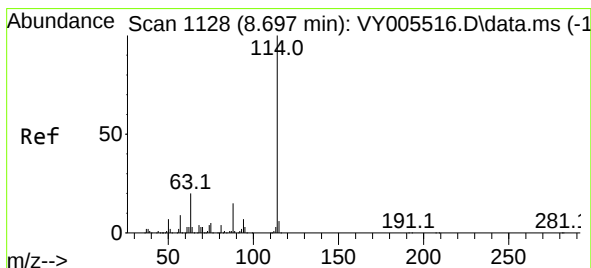
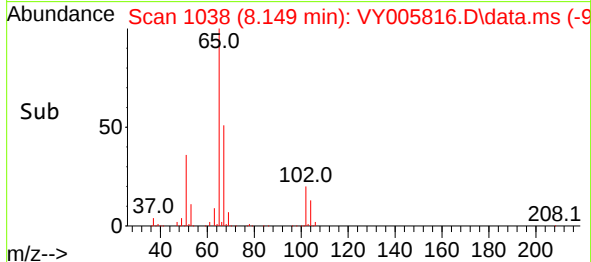
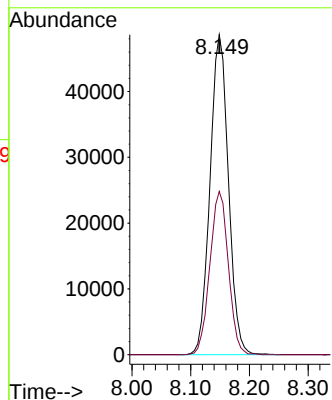
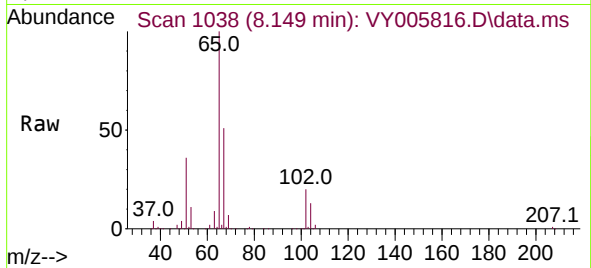




#33
1,2-Dichloroethane-d4
Concen: 57.475 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005816.D
Acq: 24 Aug 2021 12:51

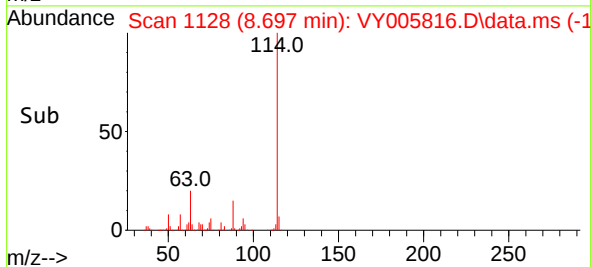
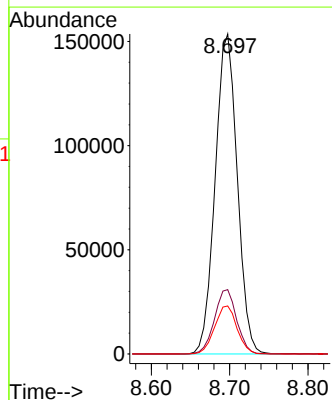
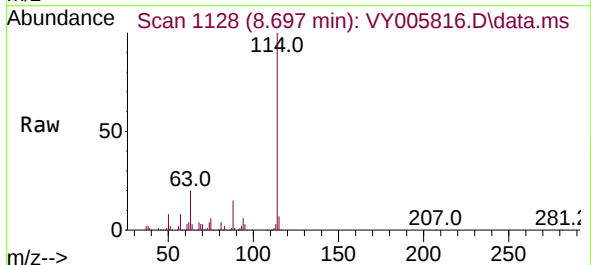
Instrument :
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ClientSampleId :
SWCS-20-0003

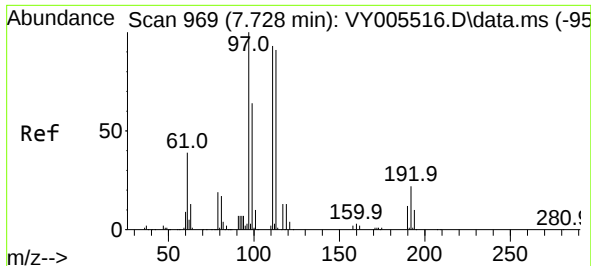
Tgt Ion: 65 Resp: 105828
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005816.D
Acq: 24 Aug 2021 12:51

Tgt Ion: 114 Resp: 301065
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.2
88 15.0 0.0 30.8

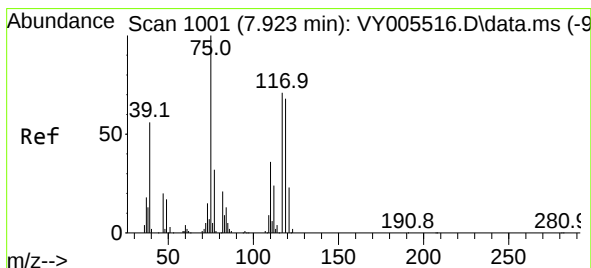
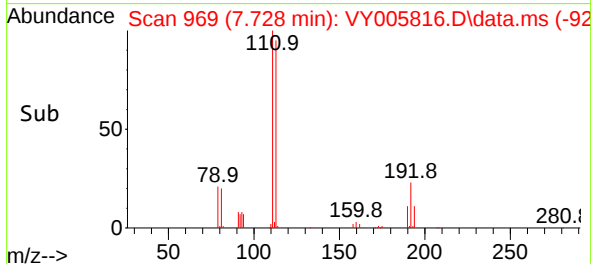
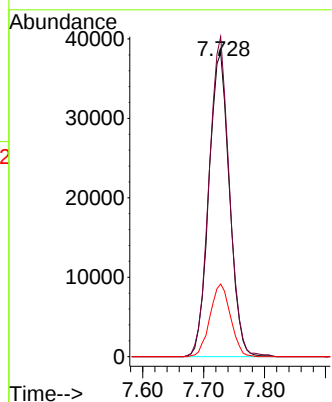
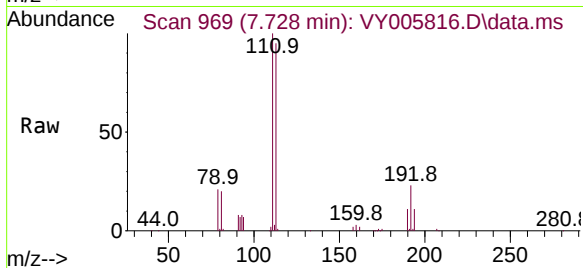




#35
Dibromofluoromethane
Concen: 53.399 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005816.D
Acq: 24 Aug 2021 12:51

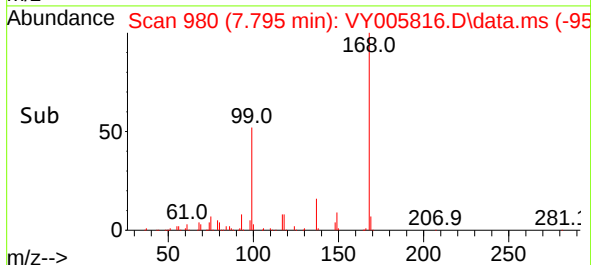
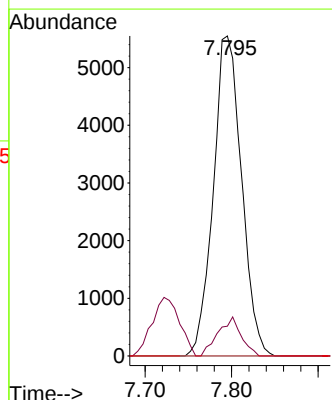
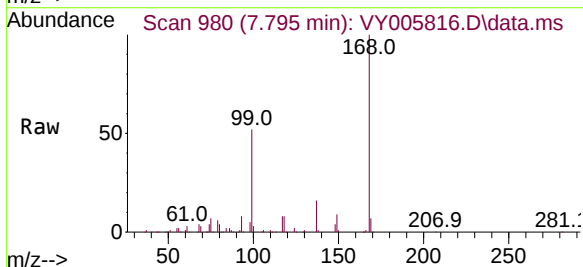
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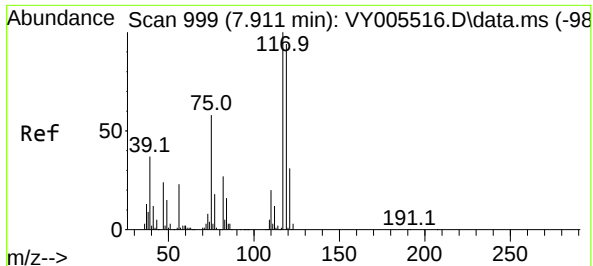
Tgt Ion:	113	Resp:	90009
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	23.8	19.2	28.8



#36
1,1-Dichloropropene
Concen: 4.452 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005816.D
Acq: 24 Aug 2021 12:51

Tgt Ion:	75	Resp:	12571
Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.1#
77	0.0	25.1	37.7#

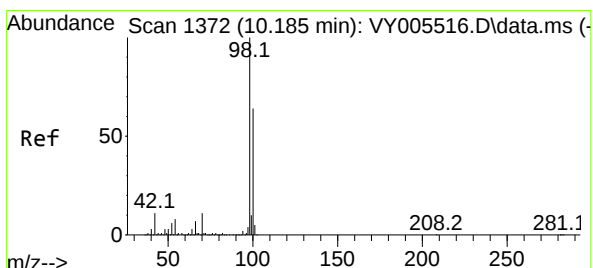
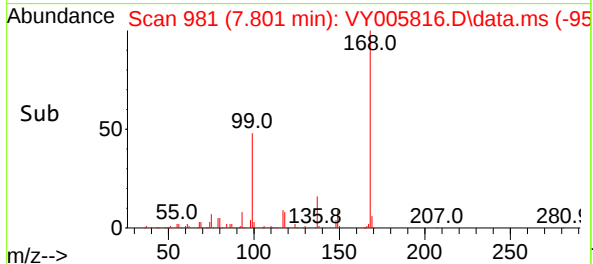
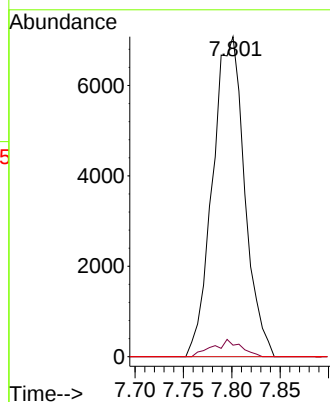
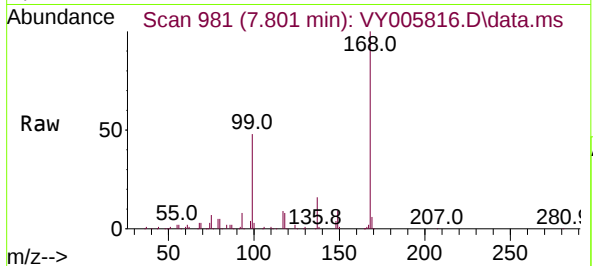




#38
Carbon Tetrachloride
Concen: 5.301 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005816.D
Acq: 24 Aug 2021 12:51

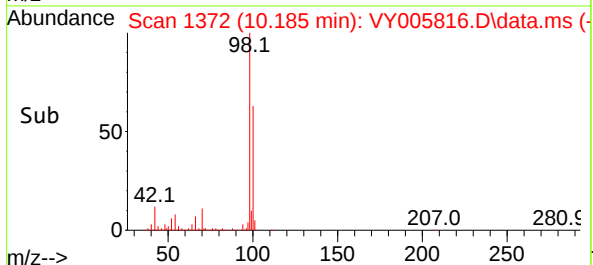
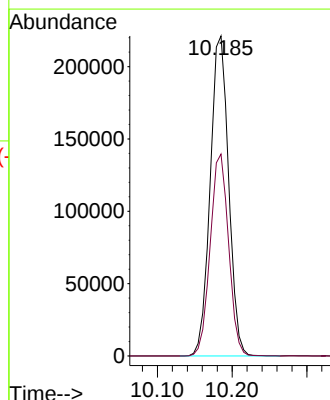
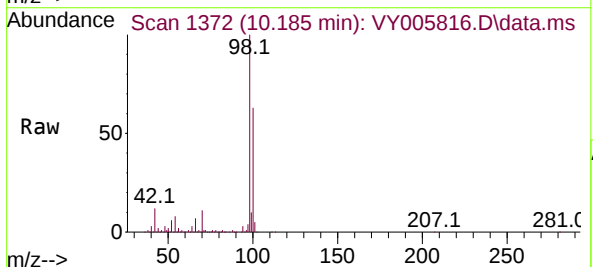
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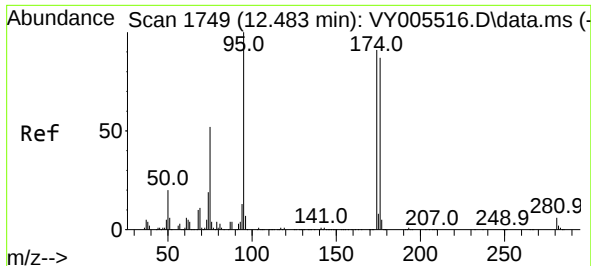
Tgt Ion:117 Resp: 16268
Ion Ratio Lower Upper
117 100
119 3.6 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 53.485 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005816.D
Acq: 24 Aug 2021 12:51

Tgt Ion: 98 Resp: 378098
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9

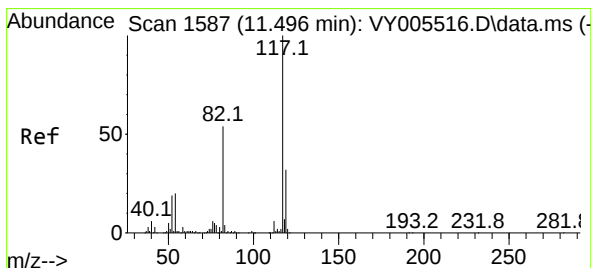
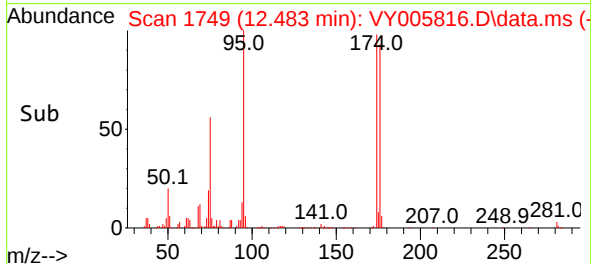
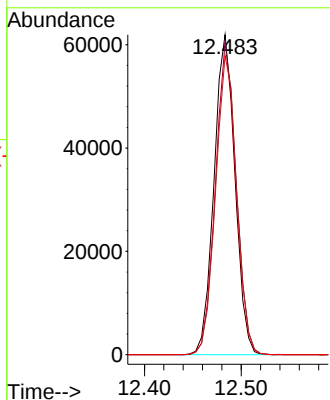
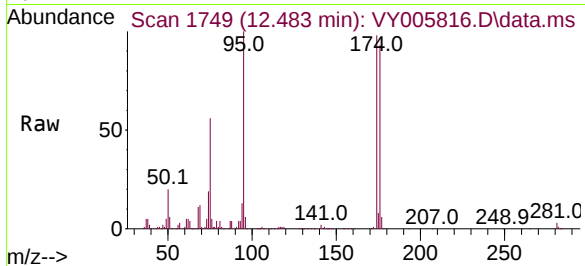




#62
4-Bromofluorobenzene
Concen: 39.718 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005816.D
Acq: 24 Aug 2021 12:51

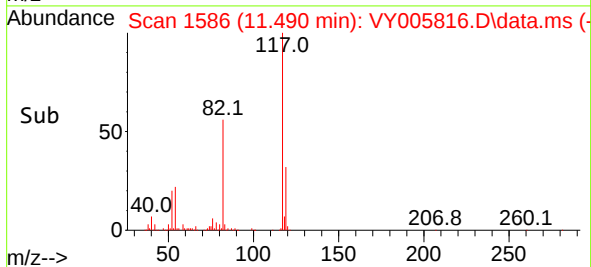
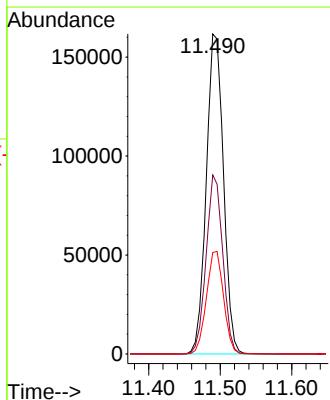
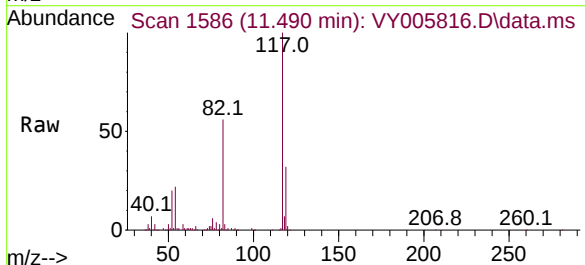
Instrument :
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ClientSampleId :
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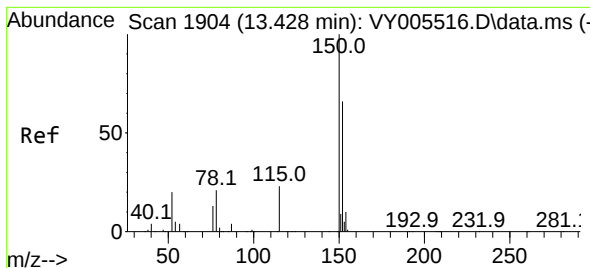
Tgt Ion:	95	Resp:	92980
Ion	Ratio	Lower	Upper
95	100		
174	96.7	0.0	191.4
176	94.0	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005816.D
Acq: 24 Aug 2021 12:51

Tgt Ion:	117	Resp:	269889
Ion	Ratio	Lower	Upper
117	100		
82	56.0	43.5	65.3
119	31.7	25.5	38.3

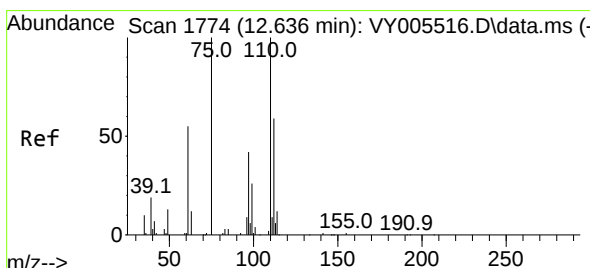
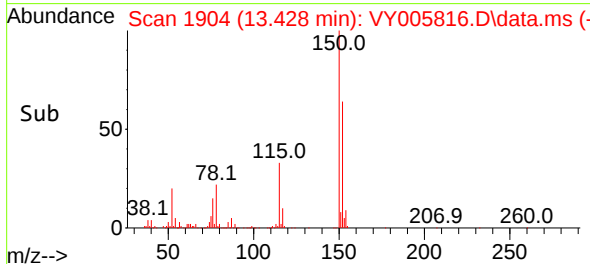
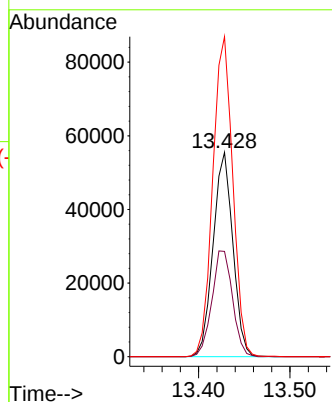
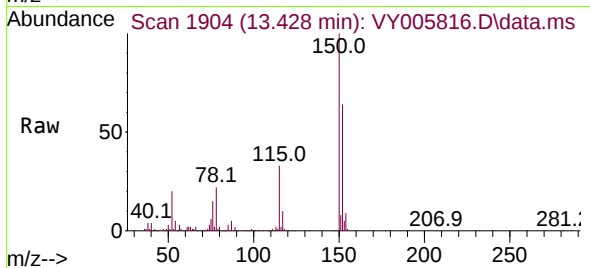




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005816.D
 Acq: 24 Aug 2021 12:51

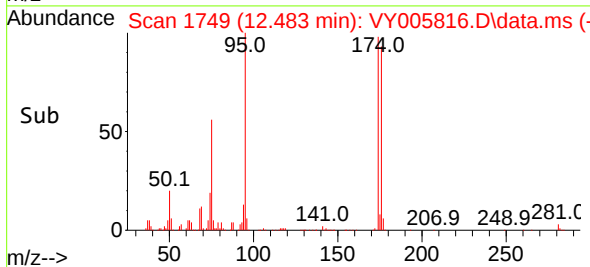
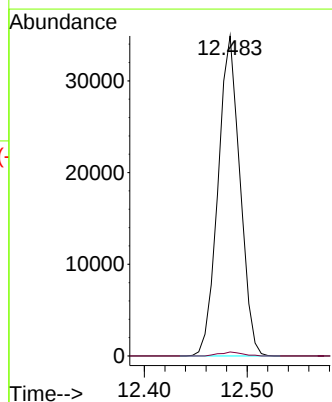
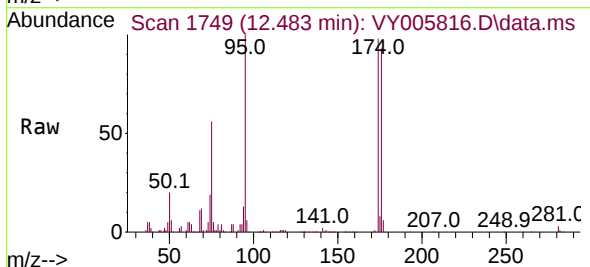
Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-20-0003

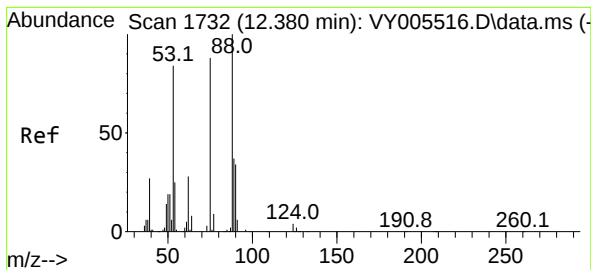
Tgt Ion:152 Resp: 83219
 Ion Ratio Lower Upper
 152 100
 115 54.0 27.3 81.9
 150 158.8 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 59.886 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005816.D
 Acq: 24 Aug 2021 12:51

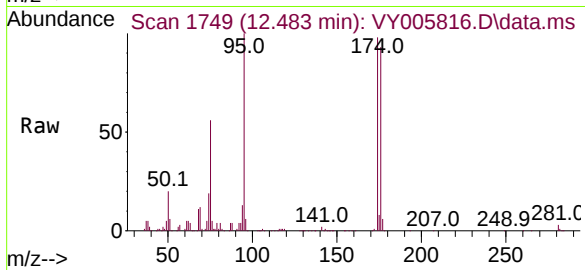
Tgt Ion: 75 Resp: 51645
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.722 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005816.D
 Acq: 24 Aug 2021 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-20-0003



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

