

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
 Data File : VY005821.D
 Acq On : 24 Aug 2021 15:10
 Operator : SY/MD
 Sample : M3463-21RE
 Misc : 3.88G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-19-0002

Quant Time: Aug 25 04:30:04 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)

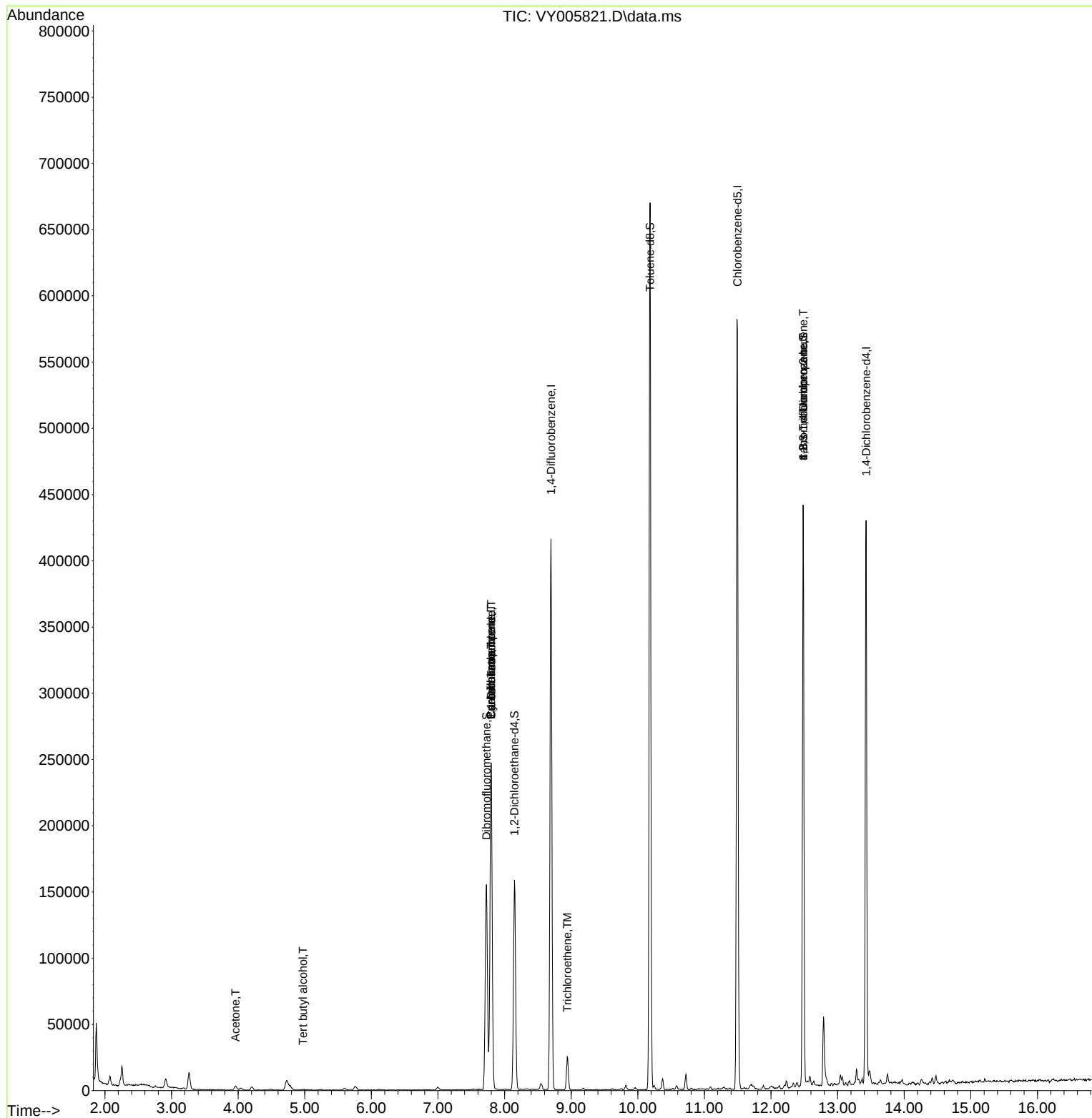
Internal Standards						
1) Pentafluorobenzene	7.795	168	204508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	350700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	319893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	127542	61.611	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.220%	
35) Dibromofluoromethane	7.728	113	105025	53.489	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.980%	
50) Toluene-d8	10.185	98	436999	53.068	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.140%	
62) 4-Bromofluorobenzene	12.483	95	121464	44.542	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	1115	5.448	ug/l #	73
16) Acetone	3.960	43	5479	10.498	ug/l	97
20) Methylene Chloride	4.722	84	5345	Below Cal		82
31) Cyclohexane	7.795	56	4114	1.159	ug/l #	18
36) 1,1-Dichloropropene	7.795	75	14564	4.428	ug/l #	49
38) Carbon Tetrachloride	7.801	117	18538	5.185	ug/l #	15
44) Trichloroethene	8.941	130	8460	3.291	ug/l	92
76) 1,2,3-Trichloropropane	12.483	75	65418	56.730	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65418	114.361	ug/l #	11

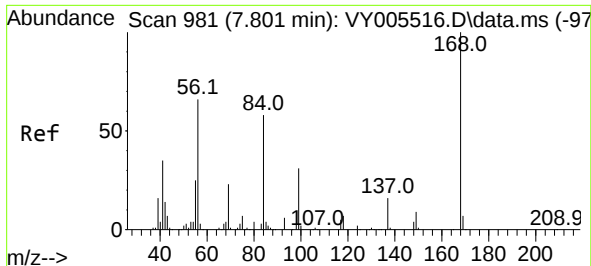
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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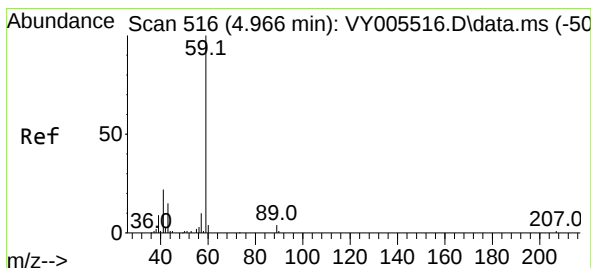
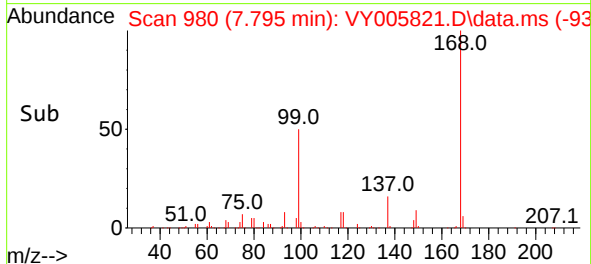
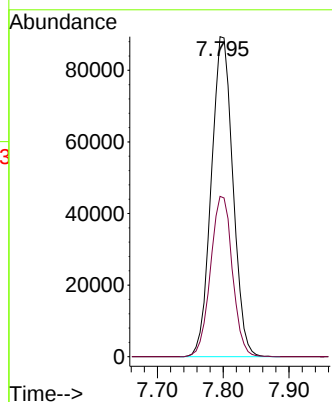
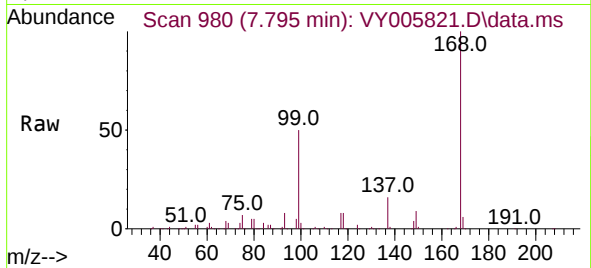




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005821.D
Acq: 24 Aug 2021 15:10

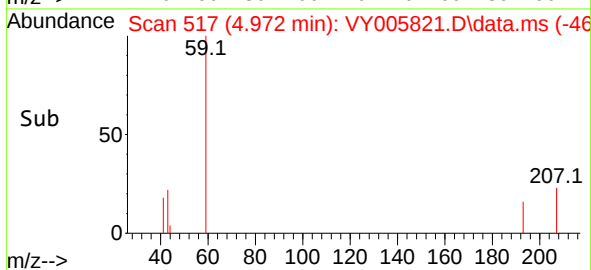
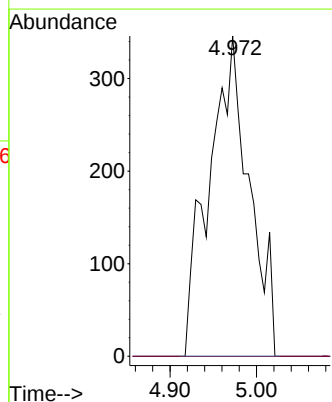
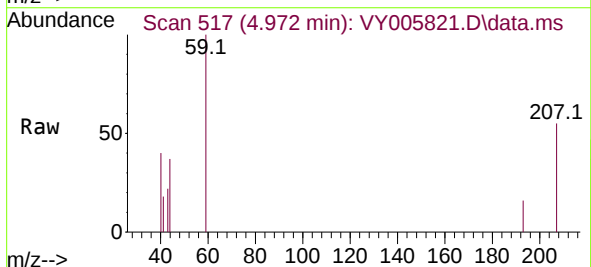
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-19-0002

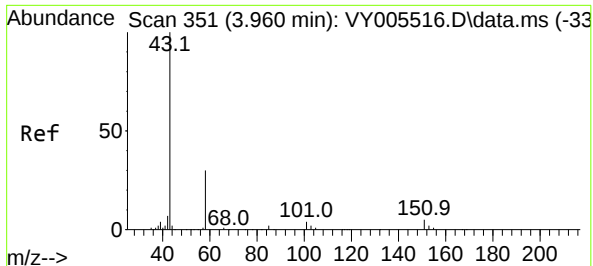
Tgt Ion:168 Resp: 204508
Ion Ratio Lower Upper
168 100
99 50.1 38.9 58.3



#11
Tert butyl alcohol
Concen: 5.448 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY005821.D
Acq: 24 Aug 2021 15:10

Tgt Ion: 59 Resp: 1115
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

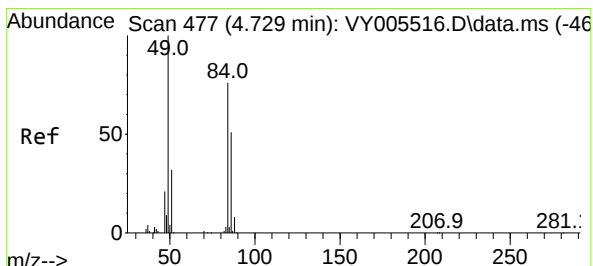
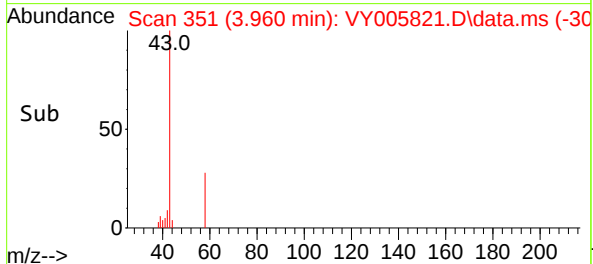
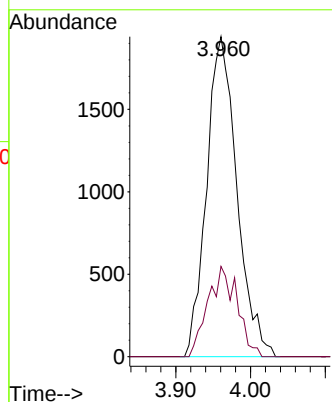
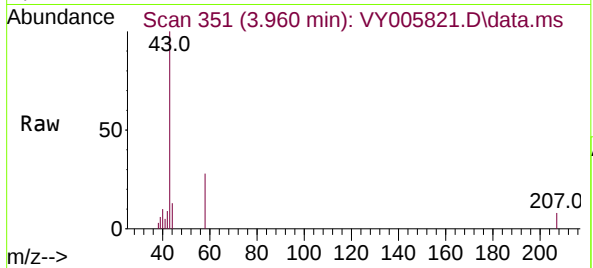




#16
Acetone
Concen: 10.498 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005821.D
Acq: 24 Aug 2021 15:10

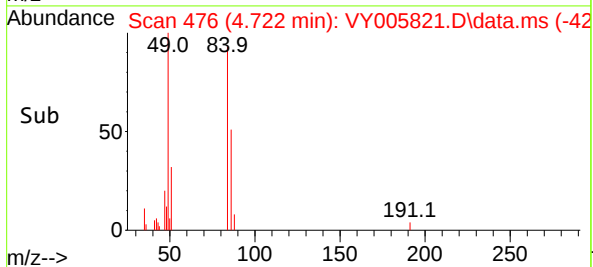
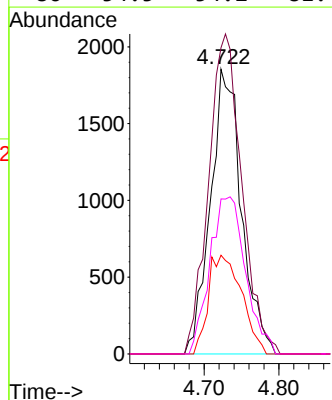
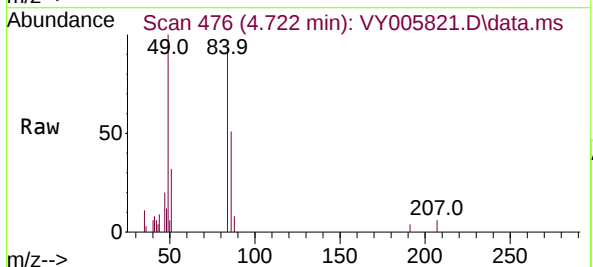
Instrument :
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SWCS-19-0002

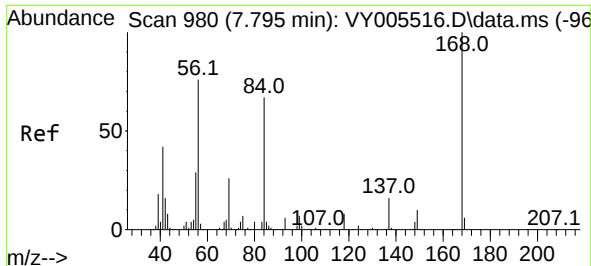
Tgt Ion: 43 Resp: 5479
Ion Ratio Lower Upper
43 100
58 28.2 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005821.D
Acq: 24 Aug 2021 15:10

Tgt Ion: 84 Resp: 5345
Ion Ratio Lower Upper
84 100
49 107.6 105.8 158.6
51 34.7 33.4 50.2
86 54.5 54.2 81.4

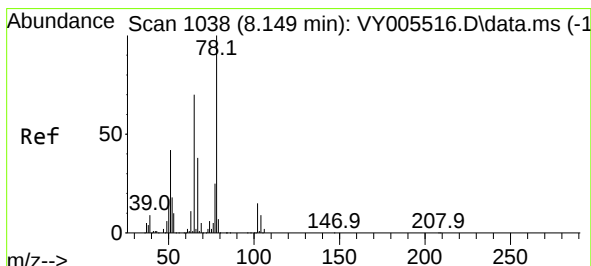
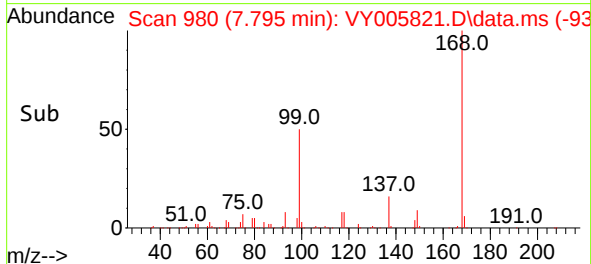
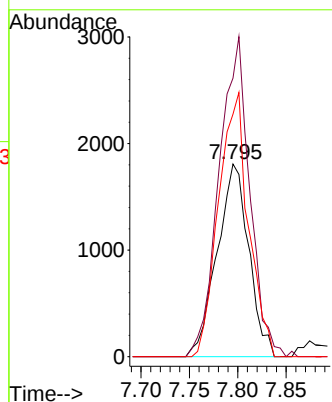
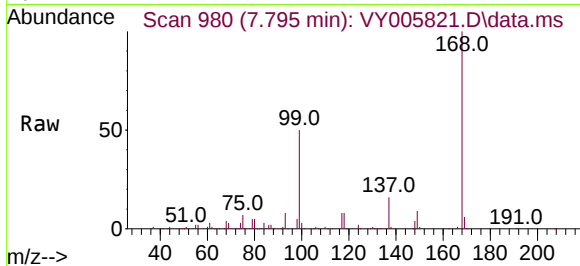




#31
Cyclohexane
Concen: 1.159 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005821.D
Acq: 24 Aug 2021 15:10

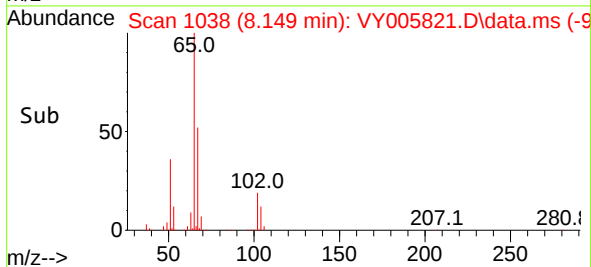
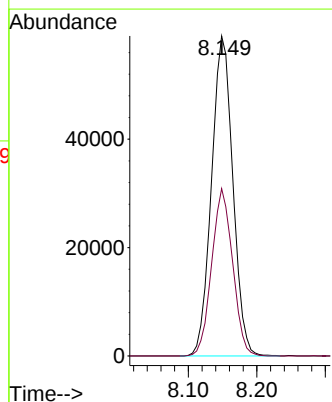
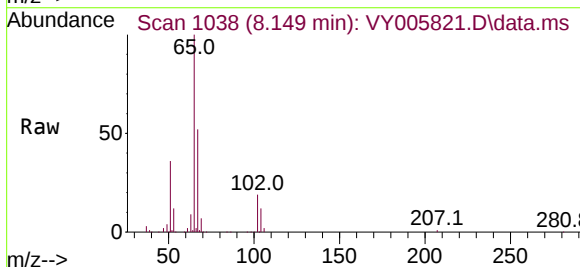
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-19-0002

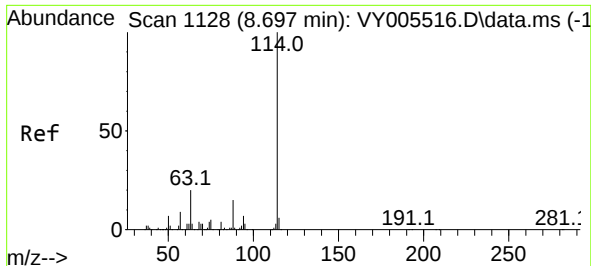
Tgt Ion: 56 Resp: 4114
Ion Ratio Lower Upper
56 100
69 144.6 27.7 41.5#
84 125.9 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 61.611 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005821.D
Acq: 24 Aug 2021 15:10

Tgt Ion: 65 Resp: 127542
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4

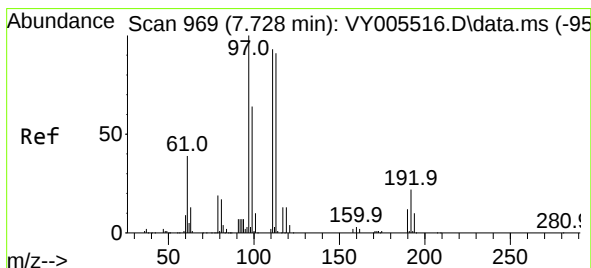
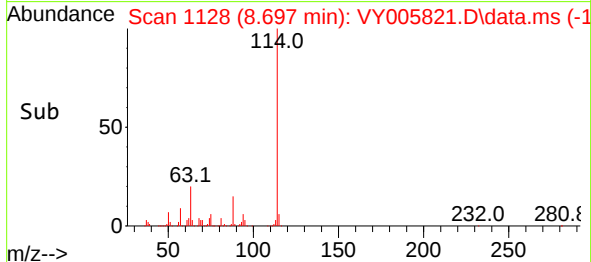
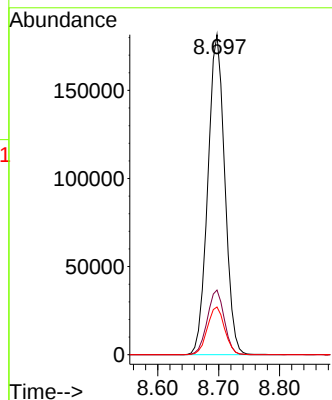
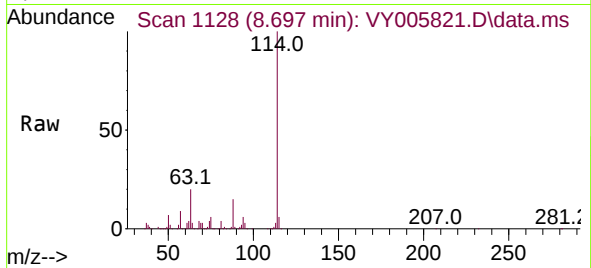




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005821.D
Acq: 24 Aug 2021 15:10

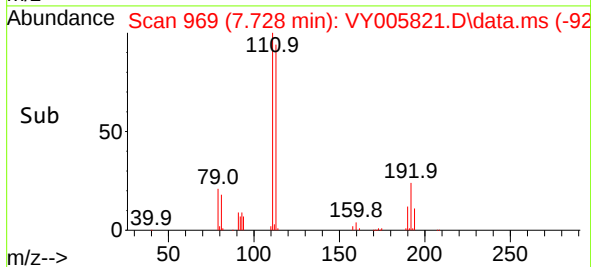
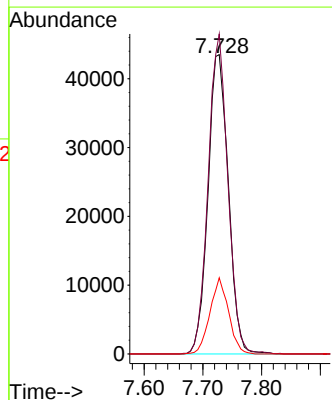
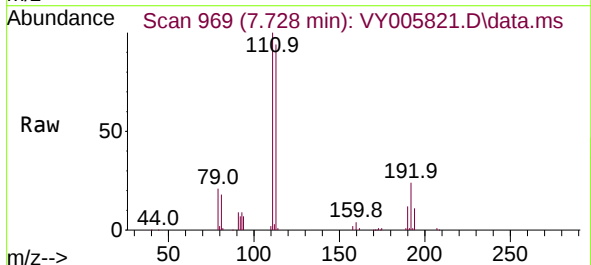
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-19-0002

Tgt Ion:114 Resp: 350700
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.2
88 14.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.489 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005821.D
Acq: 24 Aug 2021 15:10

Tgt Ion:113 Resp: 105025
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 23.2 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.428 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005821.D

Acq: 24 Aug 2021 15:10

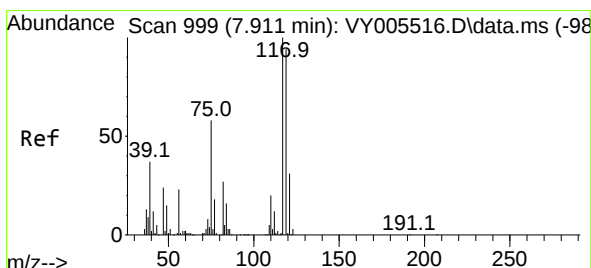
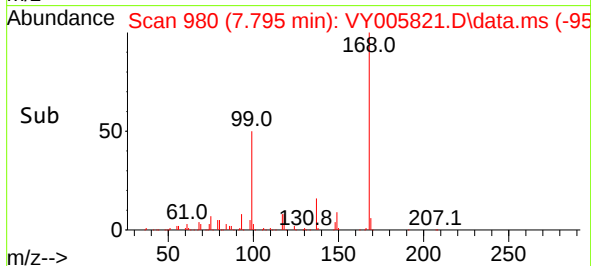
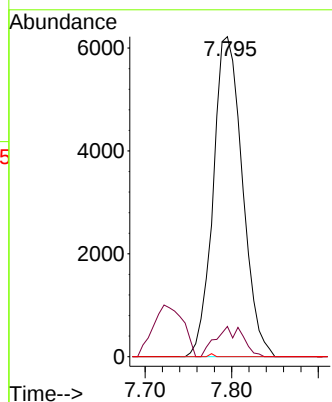
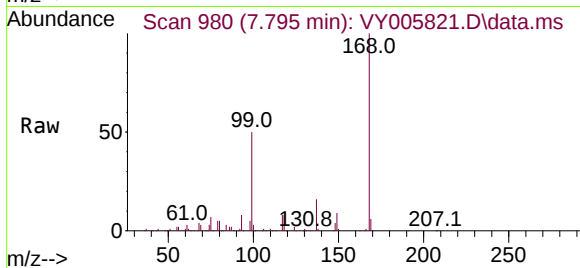
Instrument :

MSVOA_Y

ClientSampleId :

SWCS-19-0002

Tgt Ion:	75	Resp:	14564
Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.1#
77	0.2	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.185 ug/l

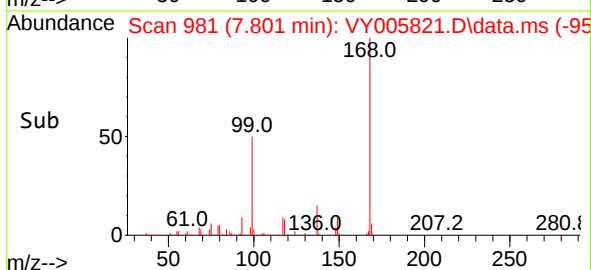
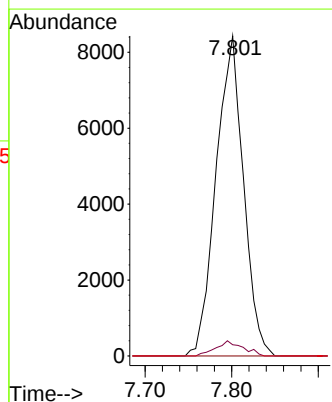
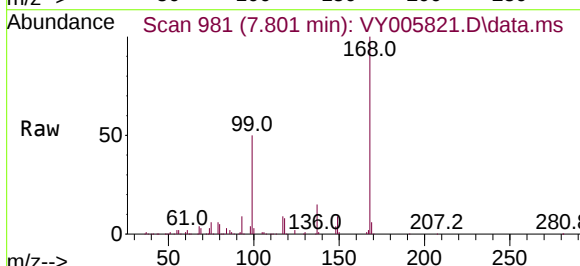
RT: 7.801 min Scan# 981

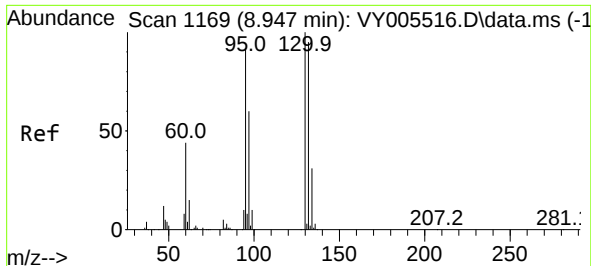
Delta R.T. -0.110 min

Lab File: VY005821.D

Acq: 24 Aug 2021 15:10

Tgt Ion:	117	Resp:	18538
Ion	Ratio	Lower	Upper
117	100		
119	3.5	75.4	113.0#
121	0.0	25.1	37.7#

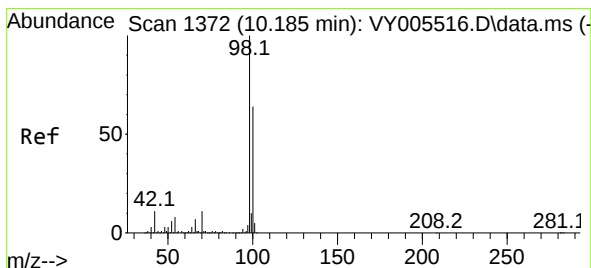
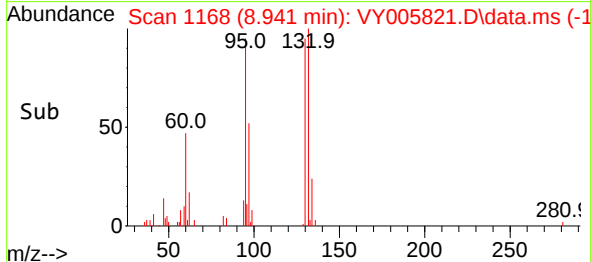
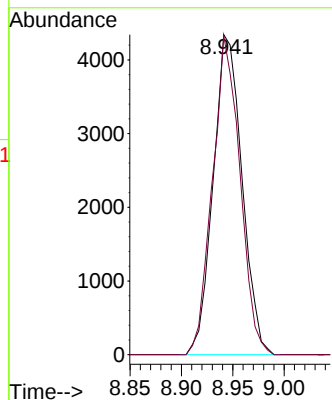
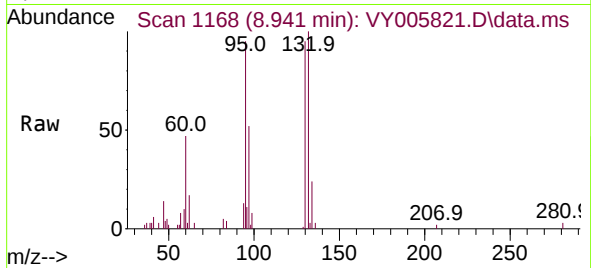




#44
Trichloroethene
Concen: 3.291 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY005821.D
Acq: 24 Aug 2021 15:10

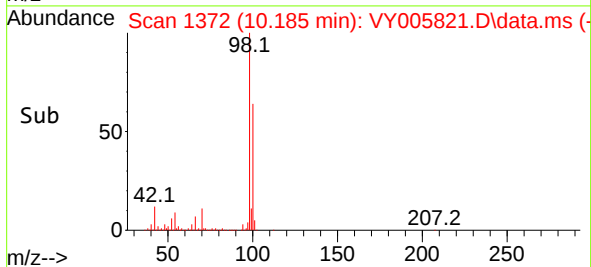
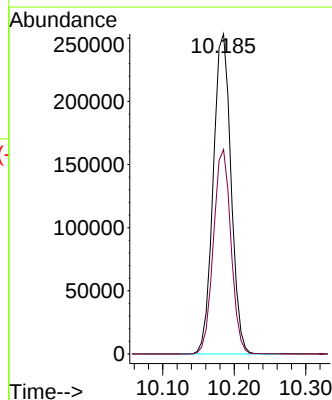
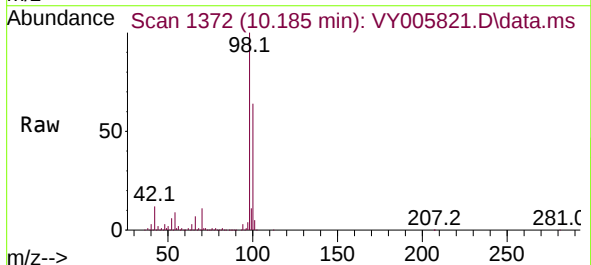
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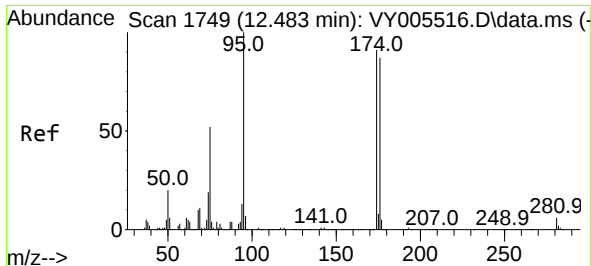
Tgt Ion:130 Resp: 8460
Ion Ratio Lower Upper
130 100
95 99.8 0.0 185.0



#50
Toluene-d8
Concen: 53.068 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005821.D
Acq: 24 Aug 2021 15:10

Tgt Ion: 98 Resp: 436999
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9

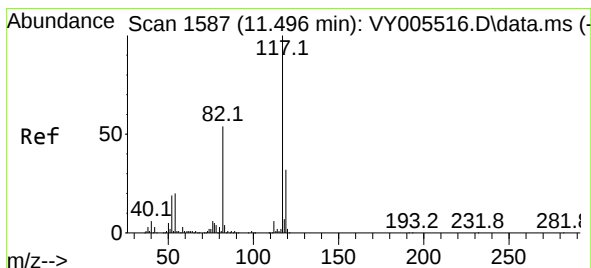
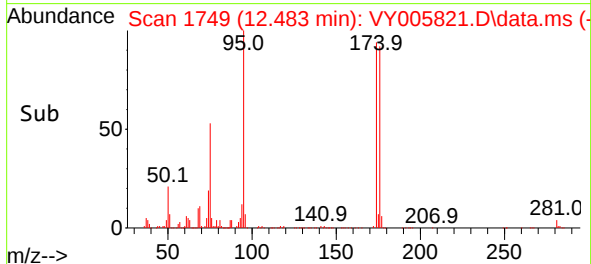
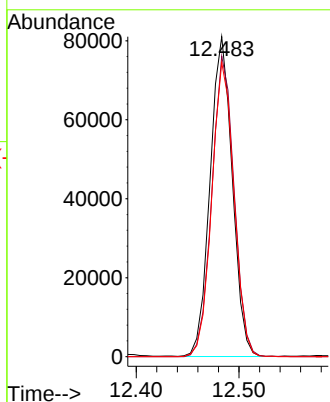
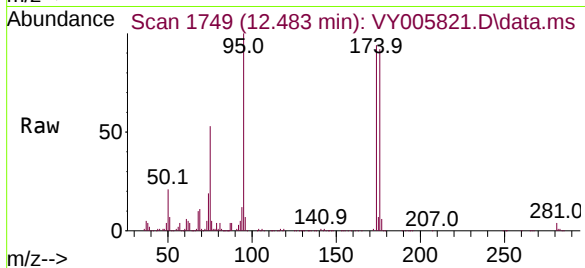




#62
4-Bromofluorobenzene
Concen: 44.542 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005821.D
Acq: 24 Aug 2021 15:10

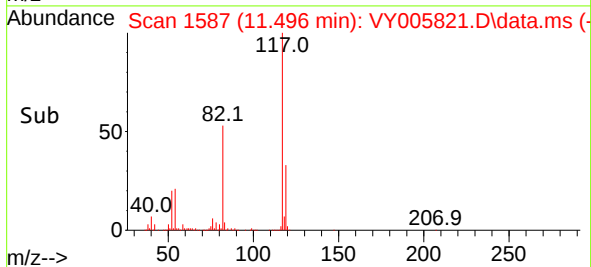
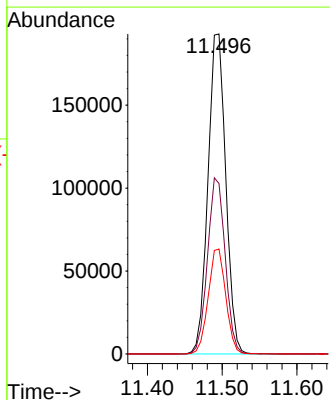
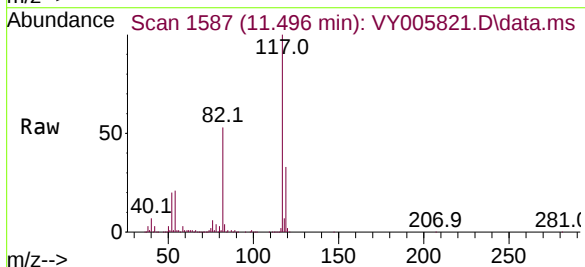
Instrument :
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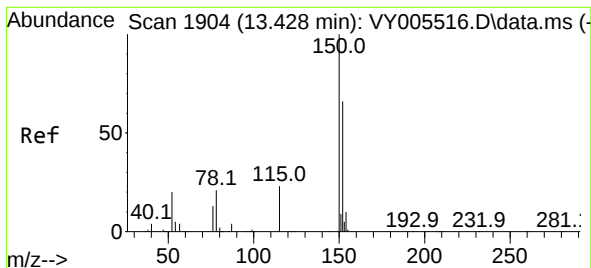
Tgt Ion:	95	Resp:	121464
Ion Ratio	Lower	Upper	
95	100		
174	94.1	0.0	191.4
176	91.8	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005821.D
Acq: 24 Aug 2021 15:10

Tgt Ion:	117	Resp:	319893
Ion Ratio	Lower	Upper	
117	100		
82	53.3	43.5	65.3
119	32.8	25.5	38.3

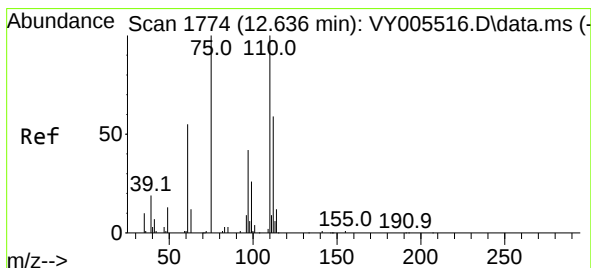
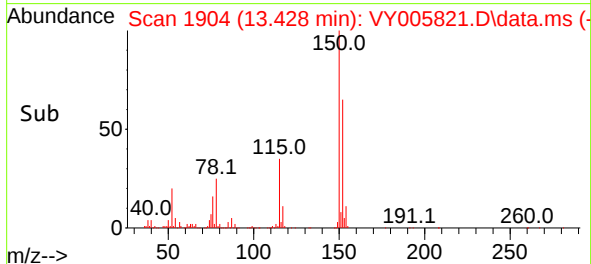
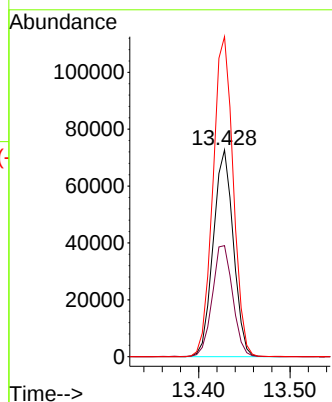
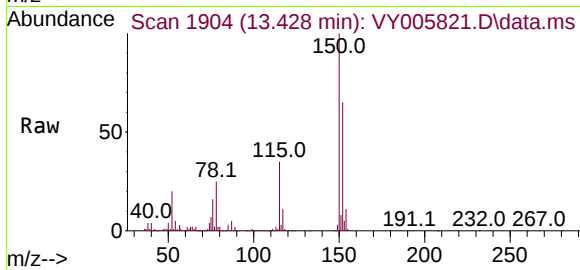




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005821.D
 Acq: 24 Aug 2021 15:10

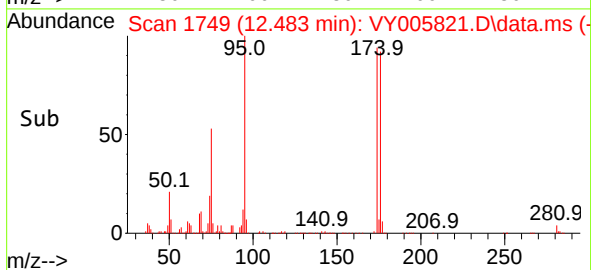
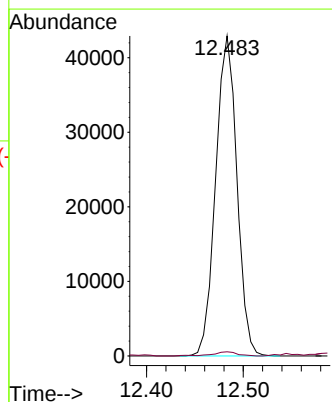
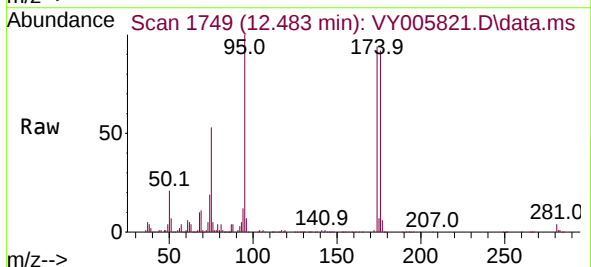
Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-19-0002

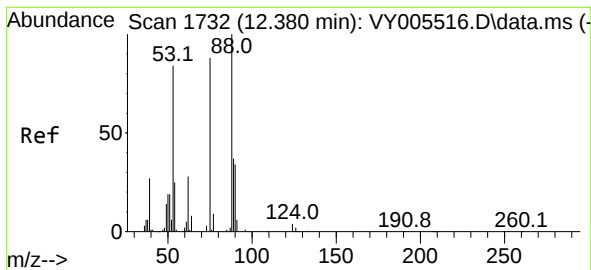
Tgt Ion:152 Resp: 111276
 Ion Ratio Lower Upper
 152 100
 115 54.7 27.3 81.9
 150 156.0 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 56.730 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005821.D
 Acq: 24 Aug 2021 15:10

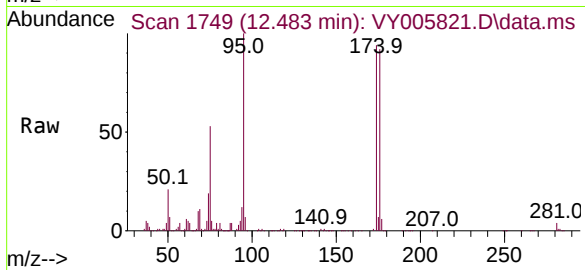
Tgt Ion: 75 Resp: 65418
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.361 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005821.D
 Acq: 24 Aug 2021 15:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-19-0002



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

