

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082422\
 Data File : VU050432.D
 Acq On : 24 Aug 2022 18:00
 Operator : SY/MD
 Sample : N4322-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 25 05:32:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 25 05:03:52 2022
 Response via : Initial Calibration

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

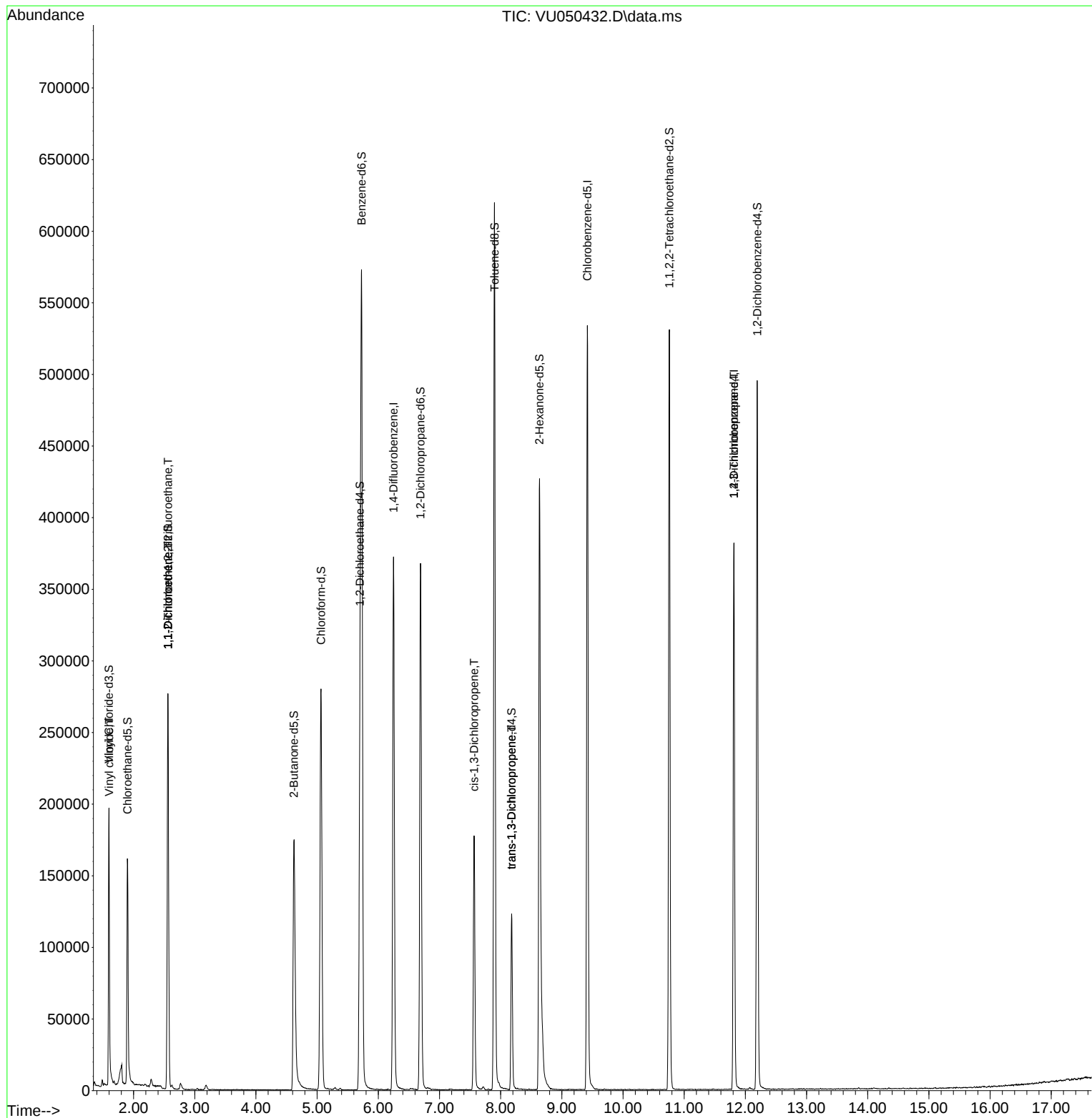
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	305788	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	300993	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	103999	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	144910	40.078	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	80.160%	
7) Chloroethane-d5	1.900	69	126599	47.319	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.640%	
11) 1,1-Dichloroethene-d2	2.562	63	163473	31.992	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	63.980%	
21) 2-Butanone-d5	4.620	46	250612	105.893	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	105.890%	
24) Chloroform-d	5.063	84	267907	46.158	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.320%	
26) 1,2-Dichloroethane-d4	5.700	65	176037	48.800	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.600%	
32) Benzene-d6	5.726	84	533185	47.942	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.880%	
36) 1,2-Dichloropropane-d6	6.690	67	182802	49.616	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	99.240%	
41) Toluene-d8	7.899	98	422886	43.455	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	86.900%	
43) trans-1,3-Dichloroprop...	8.179	79	69926	45.499	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.000%	
47) 2-Hexanone-d5	8.632	63	136777	100.036	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	100.040%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	275554	48.490	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	96.980%	
66) 1,2-Dichlorobenzene-d4	12.195	152	134431	54.112	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	108.220%	
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	1293	0.475	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1439	0.678	ug/L #	21
12) 1,1-Dichloroethene	2.562	96	1175	0.626	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	4273	1.229	ug/L #	73
44) trans-1,3-Dichloropropene	8.179	75	3010	0.929	ug/L	95
60) 1,2,3-Trichloropropane	11.812	75	13115	4.894	ug/L #	69

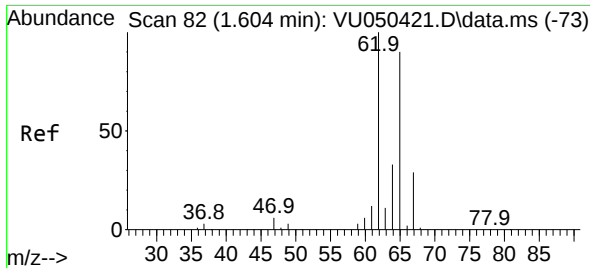
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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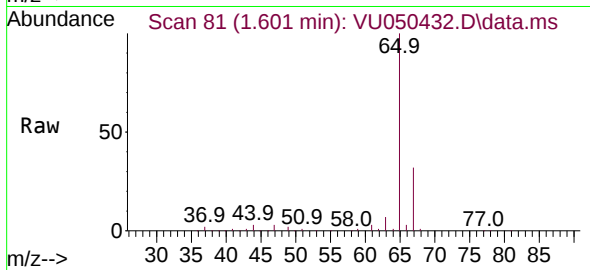
Quant Time: Aug 25 05:32:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
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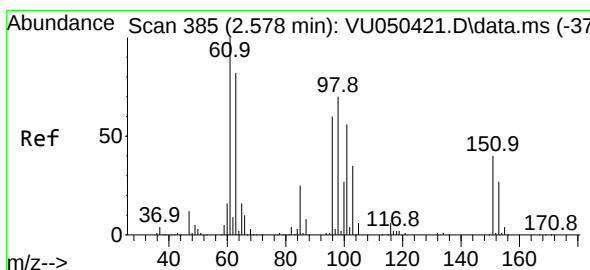
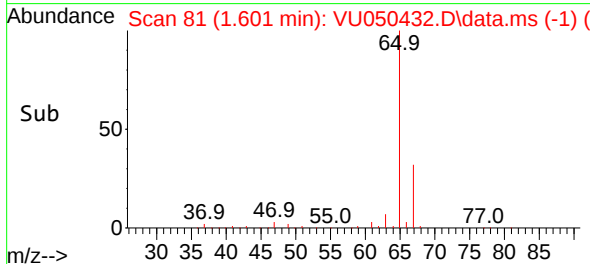
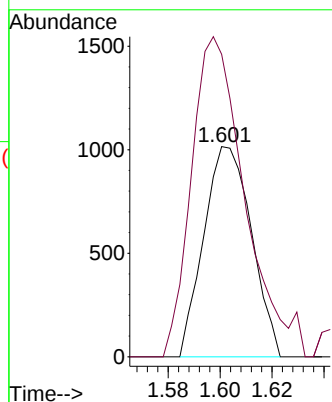


#5
 Vinyl chloride
 Concen: 0.475 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU050432.D
 Acq: 24 Aug 2022 18:00

Instrument :
 MSVOA_U
 ClientSampleId :

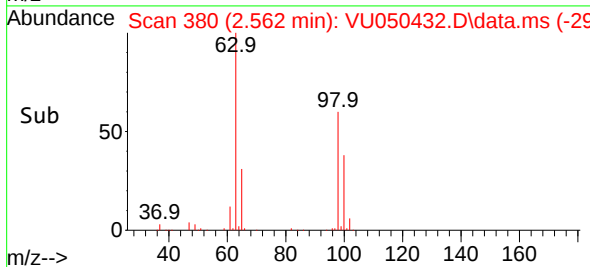
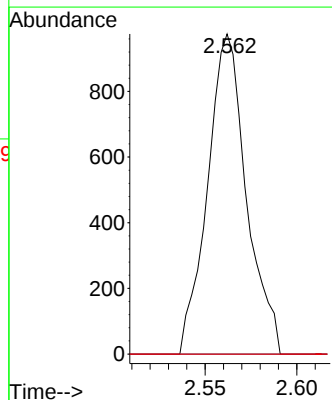
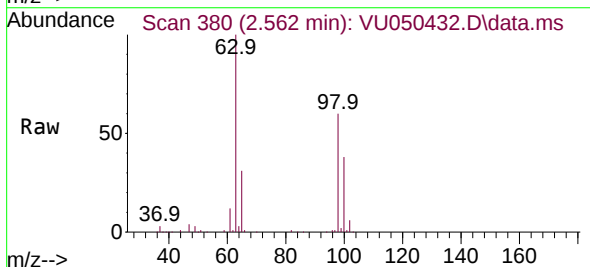


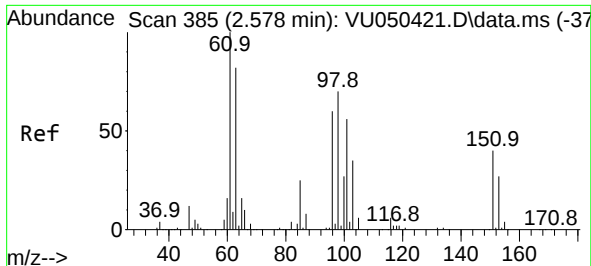
Tgt Ion: 62 Resp: 1293
 Ion Ratio Lower Upper
 62 100
 64 143.9 23.1 42.9#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.678 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU050432.D
 Acq: 24 Aug 2022 18:00

Tgt Ion: 101 Resp: 1439
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 57.3 85.9#





#12

1,1-Dichloroethene

Concen: 0.626 ug/L

RT: 2.562 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU050432.D

Acq: 24 Aug 2022 18:00

Instrument :

MSVOA_U

ClientSampleId :

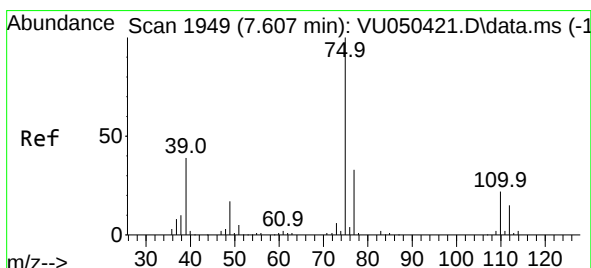
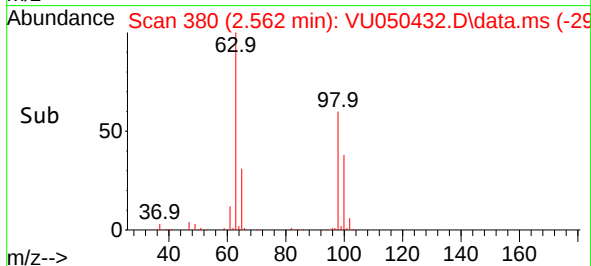
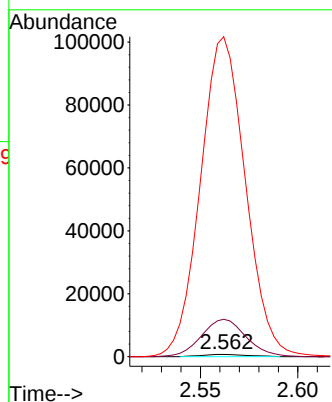
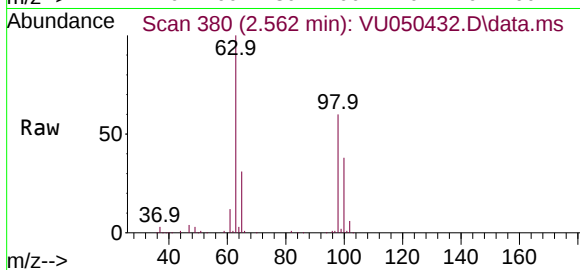
Tgt Ion: 96 Resp: 1175

Ion Ratio Lower Upper

96 100

61 1661.1 116.8 216.8#

63 14188.0 97.4 180.8#



#39

cis-1,3-Dichloropropene

Concen: 1.229 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU050432.D

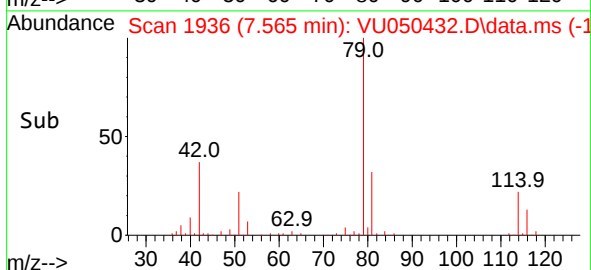
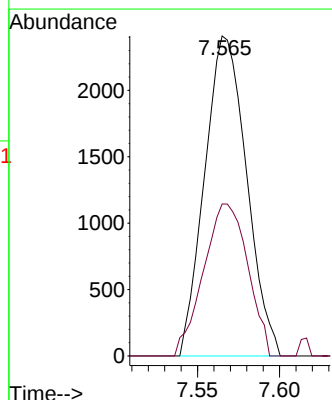
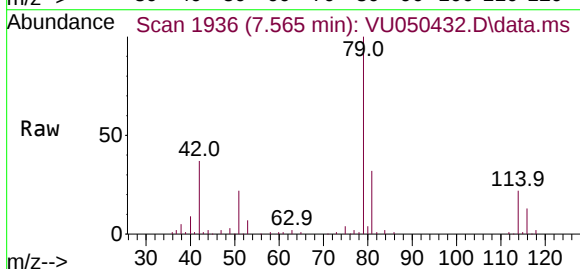
Acq: 24 Aug 2022 18:00

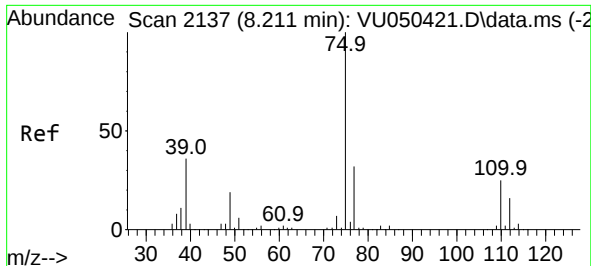
Tgt Ion: 75 Resp: 4273

Ion Ratio Lower Upper

75 100

77 47.5 22.8 42.4#

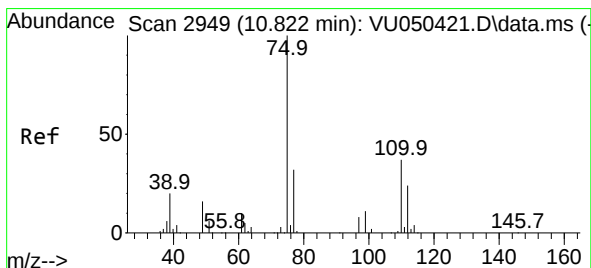
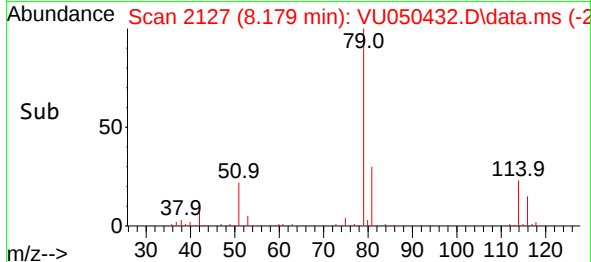
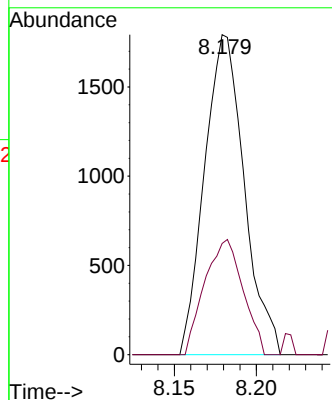
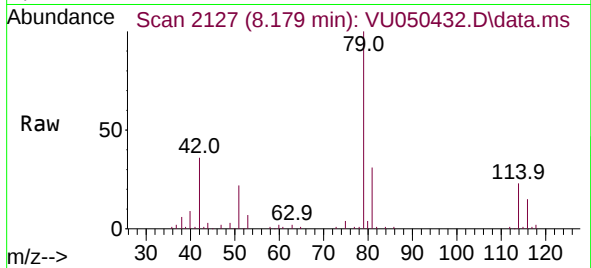




#44
trans-1,3-Dichloropropene
Concen: 0.929 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU050432.D
Acq: 24 Aug 2022 18:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3010
Ion Ratio Lower Upper
75 100
77 34.7 22.5 41.7



#60
1,2,3-Trichloropropane
Concen: 4.894 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.991 min
Lab File: VU050432.D
Acq: 24 Aug 2022 18:00

Tgt Ion: 75 Resp: 13115
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
110 2.5 29.0 43.4#

