

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
 Data File : VU046081.D
 Acq On : 03 Dec 2021 18:02
 Operator : SY/MD
 Sample : M4869-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 04 03:08:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

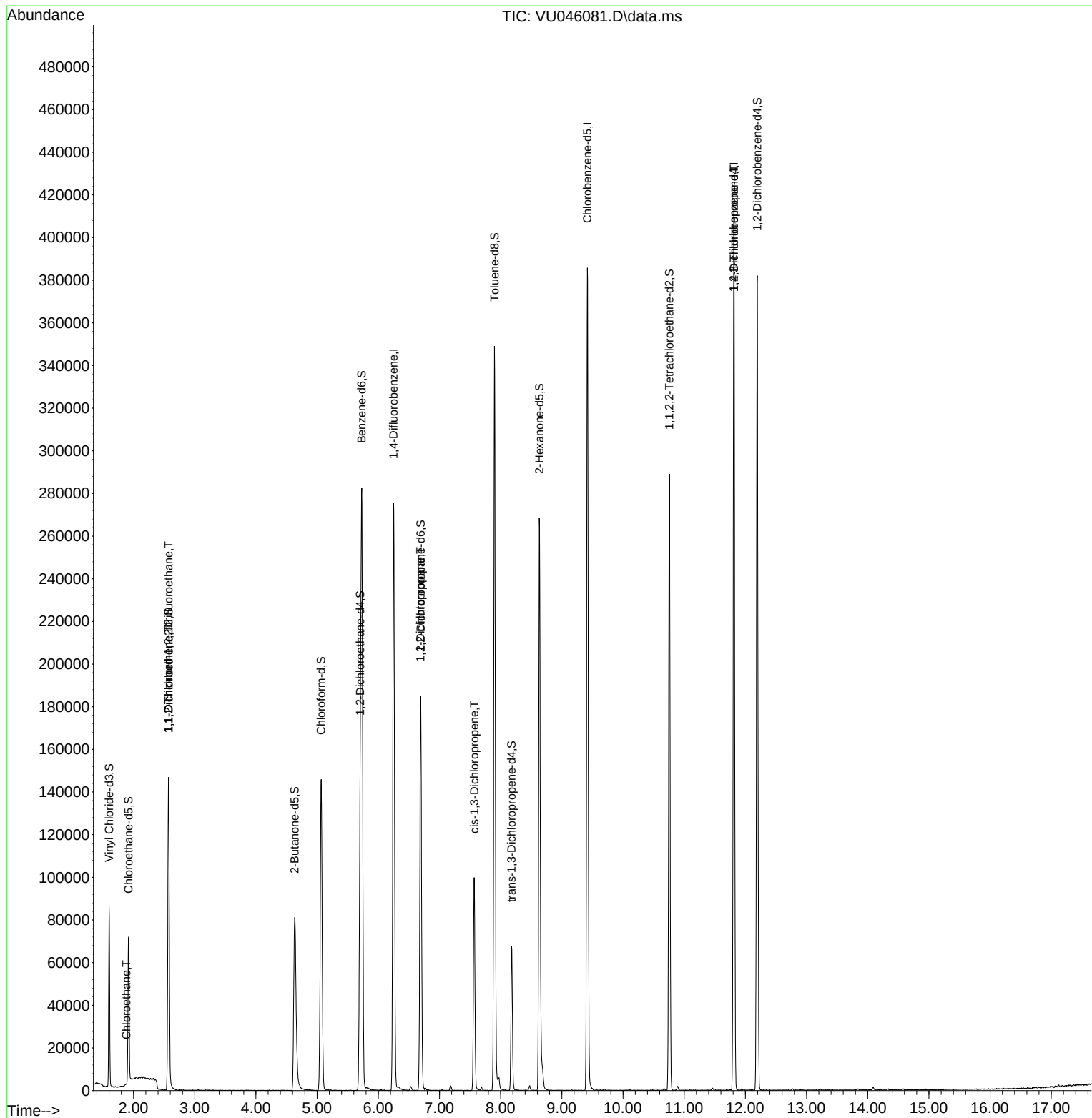
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	227380	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	222281	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	109765	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	58307	31.130	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	62.260%		
7) Chloroethane-d5	1.916	69	49842	34.658	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	69.320%#		
11) 1,1-Dichloroethene-d2	2.572	63	87416	25.998	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	52.000%#		
21) 2-Butanone-d5	4.633	46	137322	92.226	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.230%		
24) Chloroform-d	5.067	84	136040	43.493	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.980%		
26) 1,2-Dichloroethane-d4	5.703	65	90413	43.071	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.140%		
32) Benzene-d6	5.729	84	267695	42.018	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.040%		
36) 1,2-Dichloropropane-d6	6.694	67	87250	44.189	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.380%		
41) Toluene-d8	7.899	98	234873	40.490	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.980%		
43) trans-1,3-Dichloroprop...	8.179	79	38569	40.465	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.940%		
47) 2-Hexanone-d5	8.632	63	98269	104.969	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.970%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	141285	47.184	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.360%		
66) 1,2-Dichlorobenzene-d4	12.195	152	101470	48.002	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.000%		
Target Compounds						Qvalue
8) Chloroethane	1.880	64	2336	1.808	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	787	0.476	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	665	0.423	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	9388	5.327	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2325	0.867	ug/L #	79
60) 1,2,3-Trichloropropane	11.812	75	13549	5.631	ug/L #	63

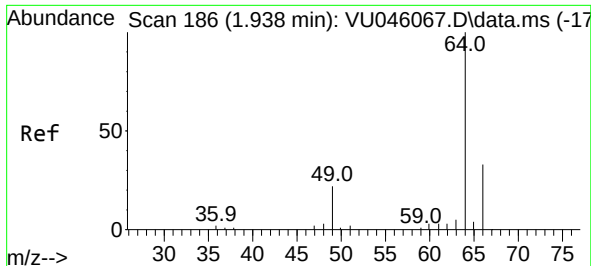
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_U
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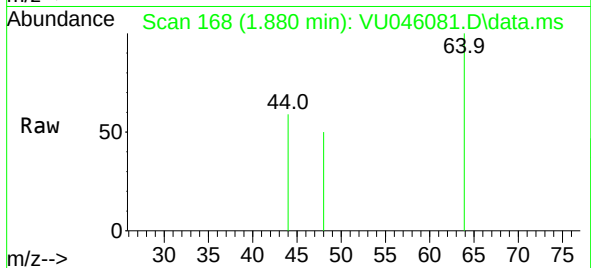
Quant Time: Dec 04 03:08:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
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Response via : Initial Calibration



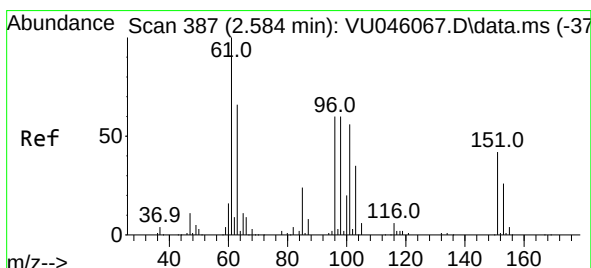
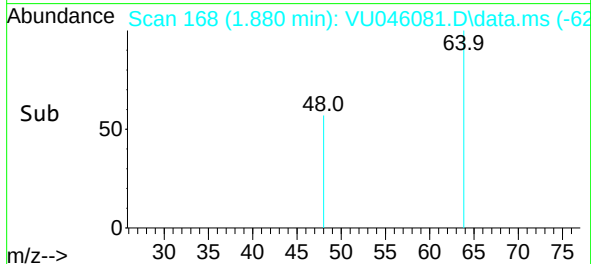
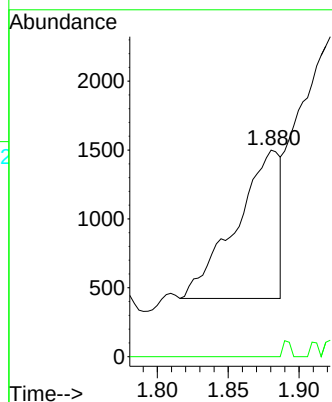


#8
Chloroethane
Concen: 1.808 ug/L
RT: 1.880 min Scan# 1
Delta R.T. -0.058 min
Lab File: VU046081.D
Acq: 03 Dec 2021 18:02

Instrument :
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ClientSampleId :

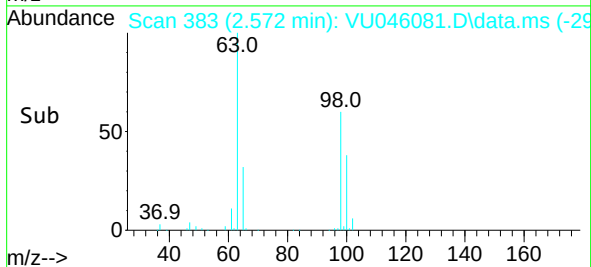
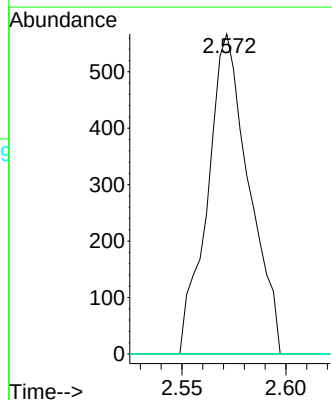
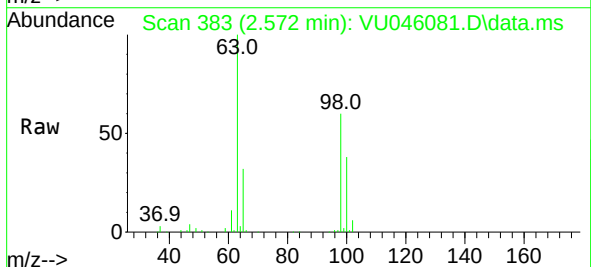


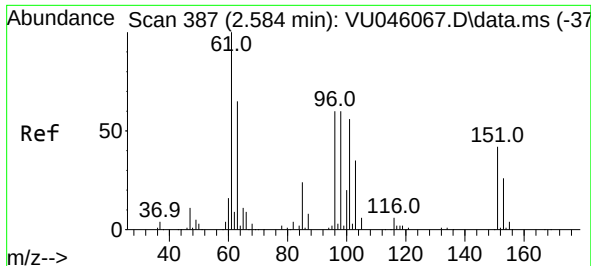
Tgt Ion: 64 Resp: 2336
Ion Ratio Lower Upper
64 100
66 0.0 22.5 41.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.476 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046081.D
Acq: 03 Dec 2021 18:02

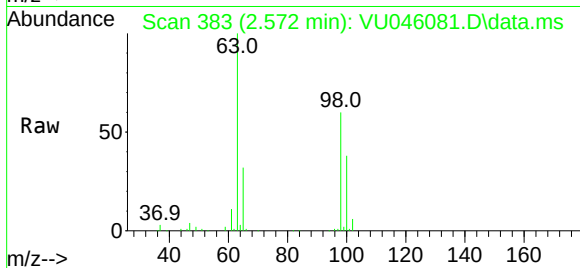
Tgt Ion: 101 Resp: 787
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



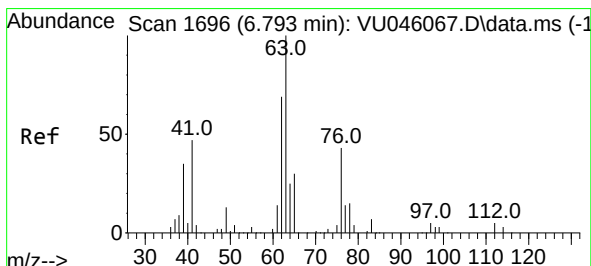
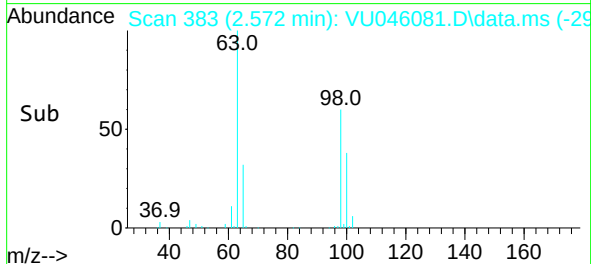
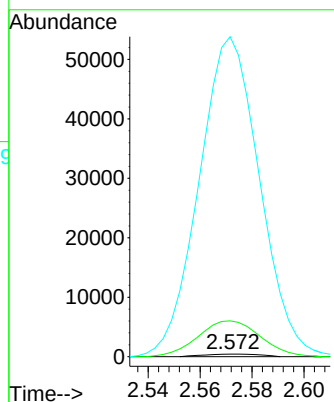


#12
1,1-Dichloroethene
Concen: 0.423 ug/L
RT: 2.572 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU046081.D
Acq: 03 Dec 2021 18:02

Instrument :
MSVOA_U
ClientSampleId :

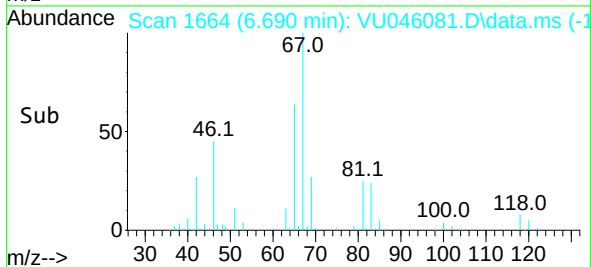
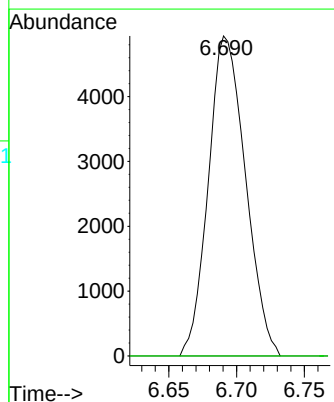
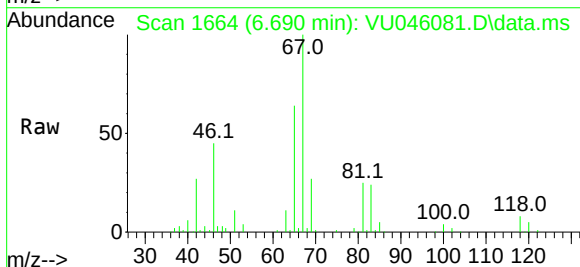


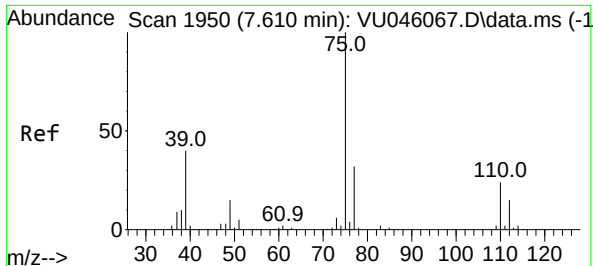
Tgt Ion: 96 Resp: 665
Ion Ratio Lower Upper
96 100
61 1382.4 118.6 220.2#
63 12318.5 93.0 172.8#



#37
1,2-Dichloropropane
Concen: 5.327 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU046081.D
Acq: 03 Dec 2021 18:02

Tgt Ion: 63 Resp: 9388
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.867 ug/L

RT: 7.568 min Scan# 19

Delta R.T. -0.042 min

Lab File: VU046081.D

Acq: 03 Dec 2021 18:02

Instrument :

MSVOA_U

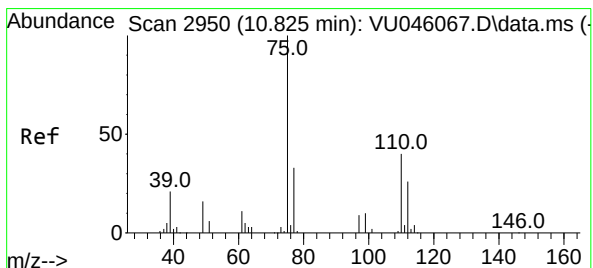
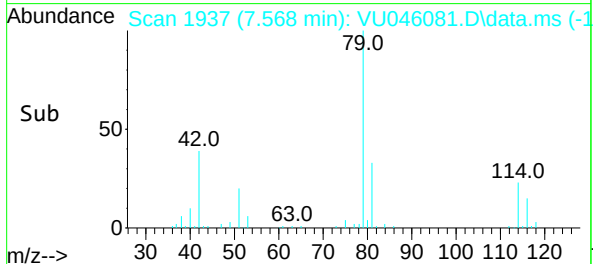
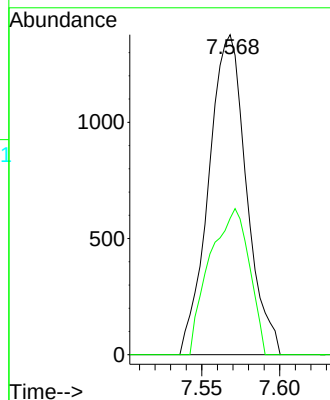
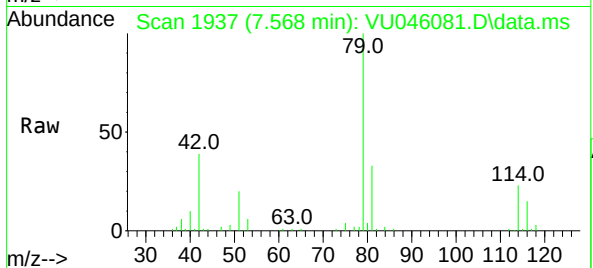
ClientSampleId :

Tgt Ion: 75 Resp: 2325

Ion Ratio Lower Upper

75 100

77 42.6 21.8 40.6#



#60

1,2,3-Trichloropropane

Concen: 5.631 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046081.D

Acq: 03 Dec 2021 18:02

Tgt Ion: 75 Resp: 13549

Ion Ratio Lower Upper

75 100

77 29.5 26.4 39.6

110 2.3 32.4 48.6#

