

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
 Data File : VU046286.D
 Acq On : 11 Dec 2021 15:05
 Operator : SY/MD
 Sample : M4982-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 01:38:46 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)

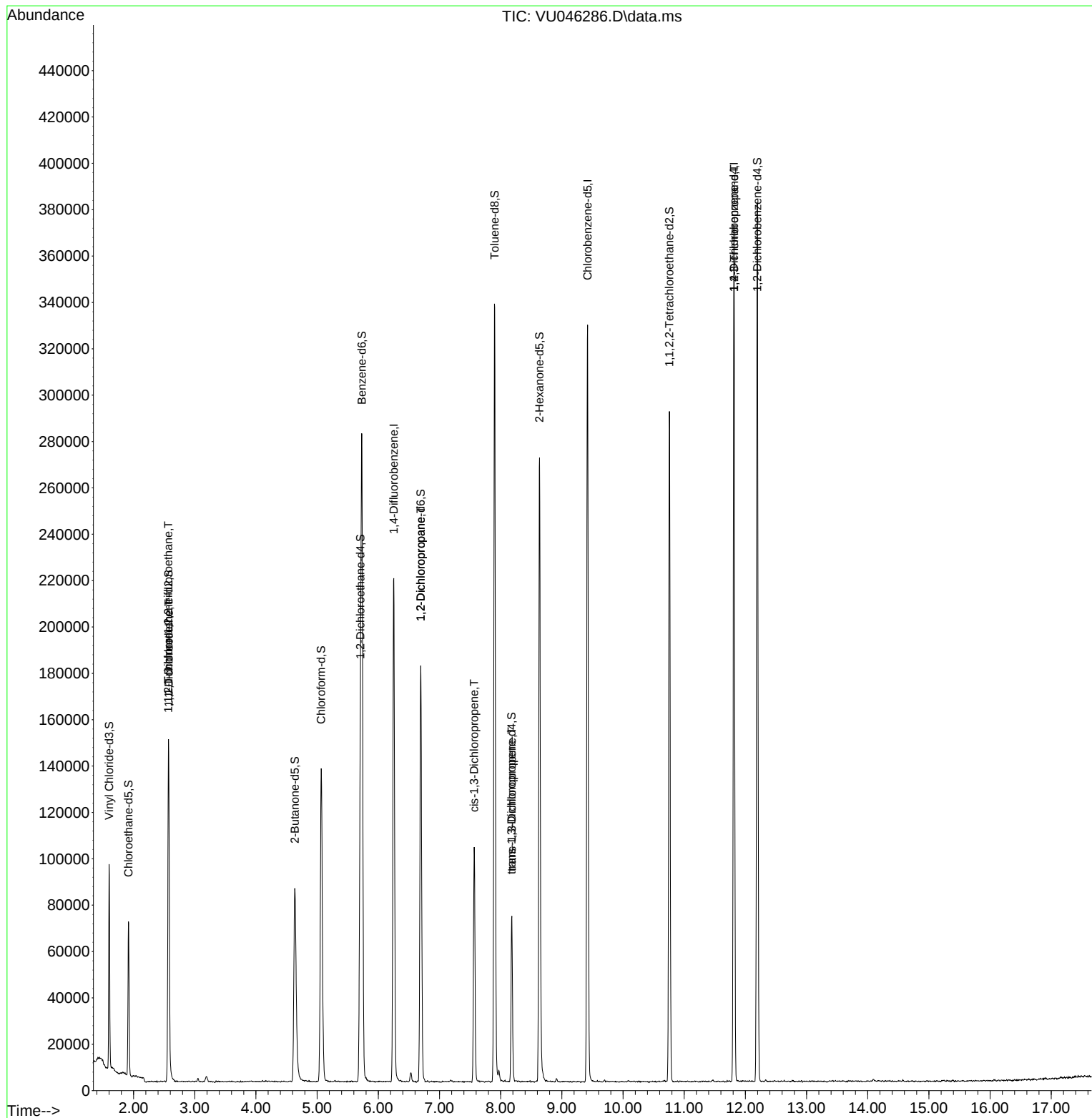
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	181747	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	186798	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	98354	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	61668	41.191	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.380%
7) Chloroethane-d5	1.916	69	48841	42.489	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.980%
11) 1,1-Dichloroethene-d2	2.571	63	87025	32.380	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.760%
21) 2-Butanone-d5	4.636	46	135096	113.511	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.510%
24) Chloroform-d	5.067	84	127952	51.178	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.360%
26) 1,2-Dichloroethane-d4	5.706	65	88139	52.530	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.060%
32) Benzene-d6	5.732	84	262837	49.092	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.180%
36) 1,2-Dichloropropane-d6	6.694	67	87052	52.464	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.920%
41) Toluene-d8	7.899	98	226045	46.371	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.740%
43) trans-1,3-Dichloroprop...	8.179	79	40890	51.049	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.100%
47) 2-Hexanone-d5	8.632	63	98579	125.303	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.300%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	141068	56.060	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.120%
66) 1,2-Dichlorobenzene-d4	12.195	152	97912	51.693	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.380%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	804	0.608	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	701	0.558	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	9237	6.237	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	2499	1.109	ug/L #	81
44) trans-1,3-Dichloropropene	8.182	75	1787	0.808	ug/L	84
60) 1,2,3-Trichloropropane	11.816	75	11567	5.365	ug/L #	64

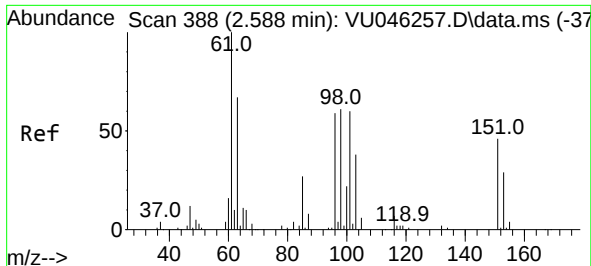
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
Data File : VU046286.D
Acq On : 11 Dec 2021 15:05
Operator : SY/MD
Sample : M4982-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

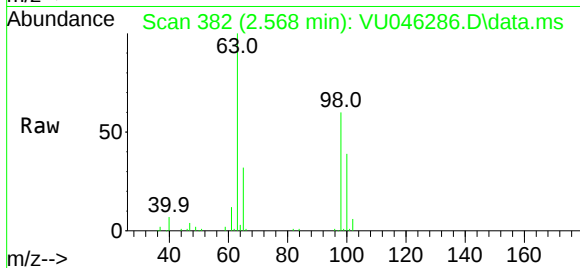
Quant Time: Dec 12 01:38:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration



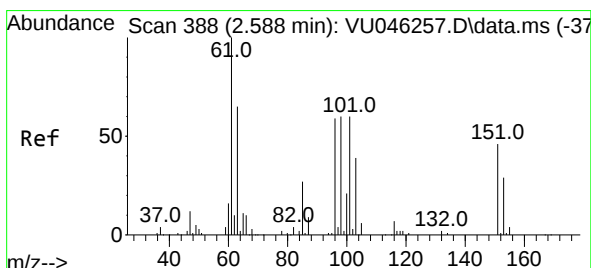
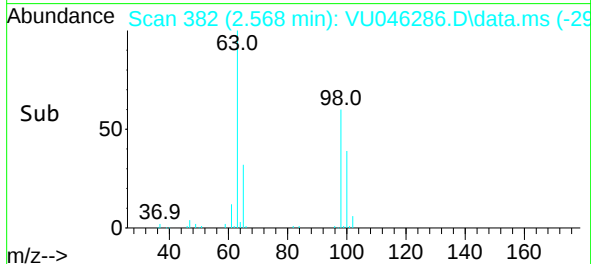
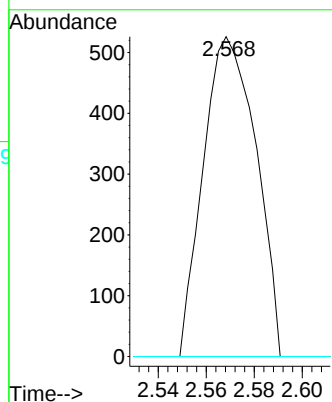


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.608 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.019 min
 Lab File: VU046286.D
 Acq: 11 Dec 2021 15:05

Instrument :
 MSVOA_U
 ClientSampleId :

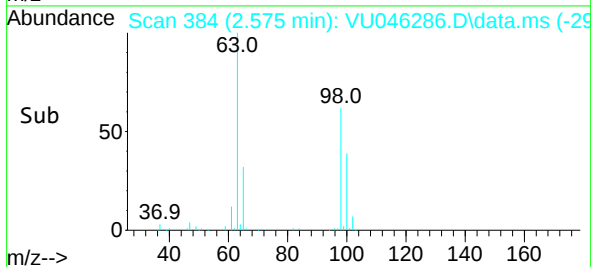
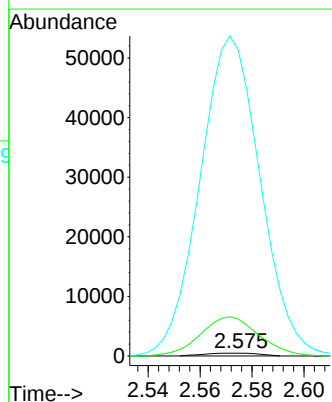
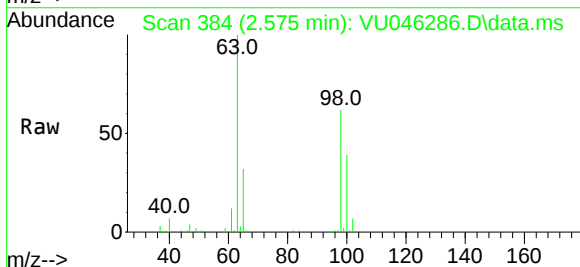


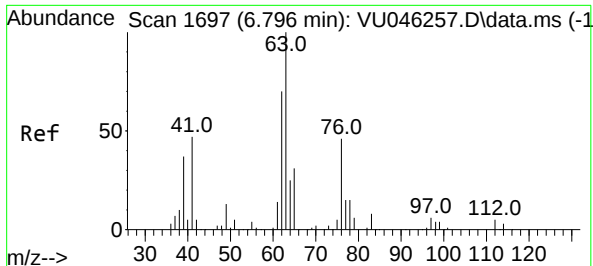
Tgt Ion:101 Resp: 804
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.558 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU046286.D
 Acq: 11 Dec 2021 15:05

Tgt Ion: 96 Resp: 701
 Ion Ratio Lower Upper
 96 100
 61 1327.3 118.6 220.2#
 63 11016.3 93.0 172.8#





#37

1,2-Dichloropropane

Concen: 6.237 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046286.D

Acq: 11 Dec 2021 15:05

Instrument :

MSVOA_U

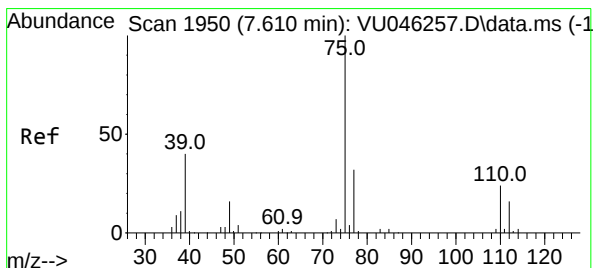
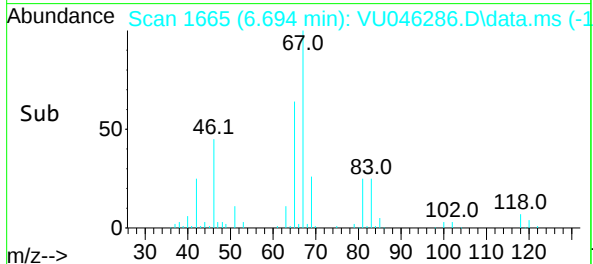
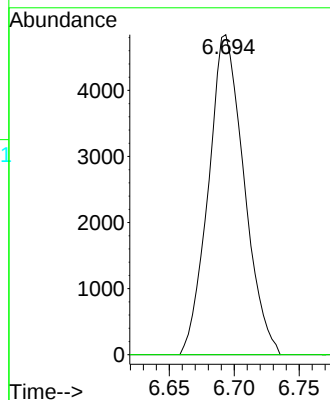
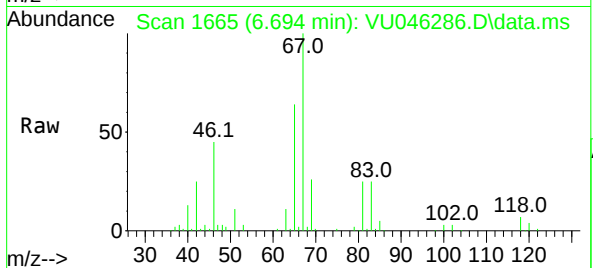
ClientSampleId :

Tgt Ion: 63 Resp: 9237

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.109 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046286.D

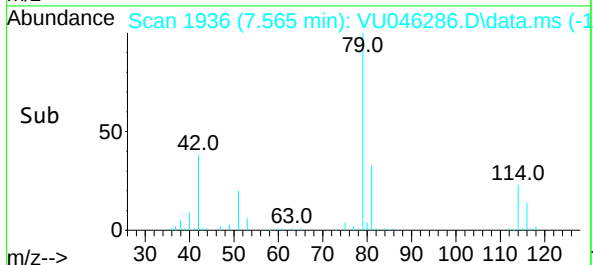
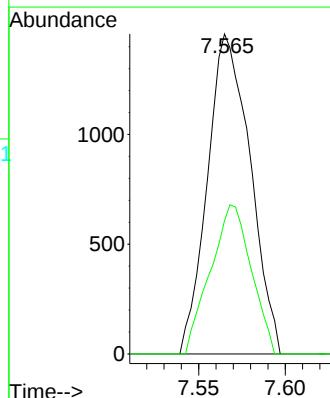
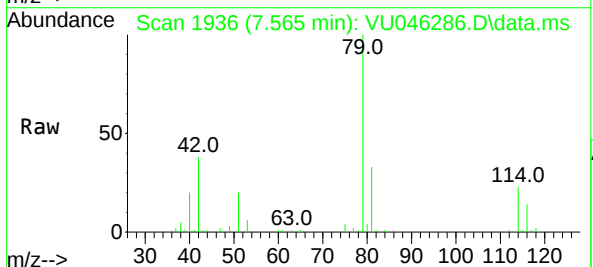
Acq: 11 Dec 2021 15:05

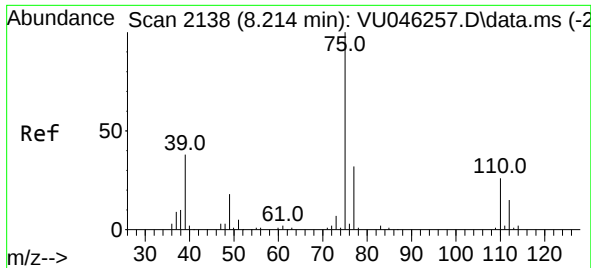
Tgt Ion: 75 Resp: 2499

Ion Ratio Lower Upper

75 100

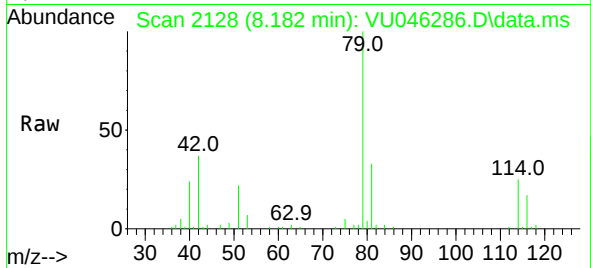
77 41.6 21.8 40.6#



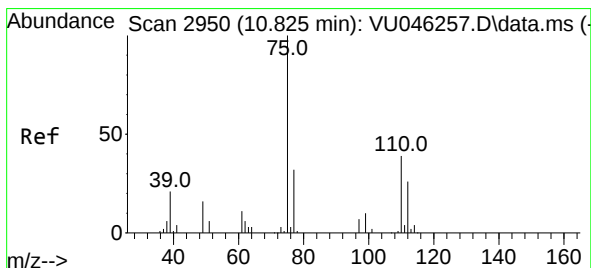
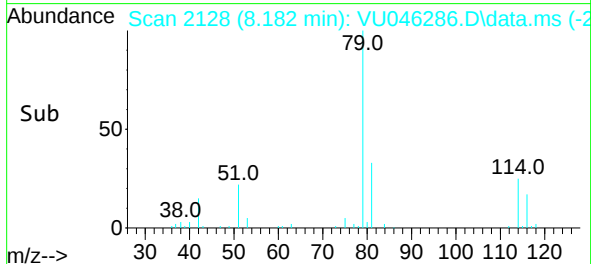
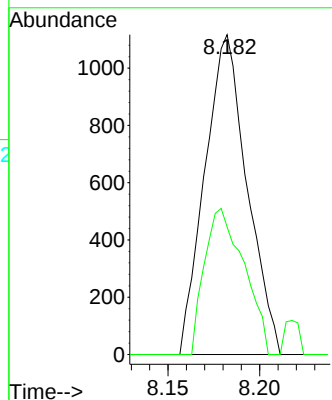


#44
 trans-1,3-Dichloropropene
 Concen: 0.808 ug/L
 RT: 8.182 min Scan# 2138
 Delta R.T. -0.032 min
 Lab File: VU046286.D
 Acq: 11 Dec 2021 15:05

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 1787
 Ion Ratio Lower Upper
 75 100
 77 39.9 21.7 40.3



#60
 1,2,3-Trichloropropane
 Concen: 5.365 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.990 min
 Lab File: VU046286.D
 Acq: 11 Dec 2021 15:05

Tgt Ion: 75 Resp: 11567
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.4 39.6
 110 2.0 32.4 48.6#

