

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050123\
 Data File : VU054027.D
 Acq On : 01 May 2023 15:43
 Operator : JC/MD
 Sample : 02565-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AX9

Quant Time: May 02 05:33:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 02 05:29:54 2023
 Response via : Initial Calibration

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

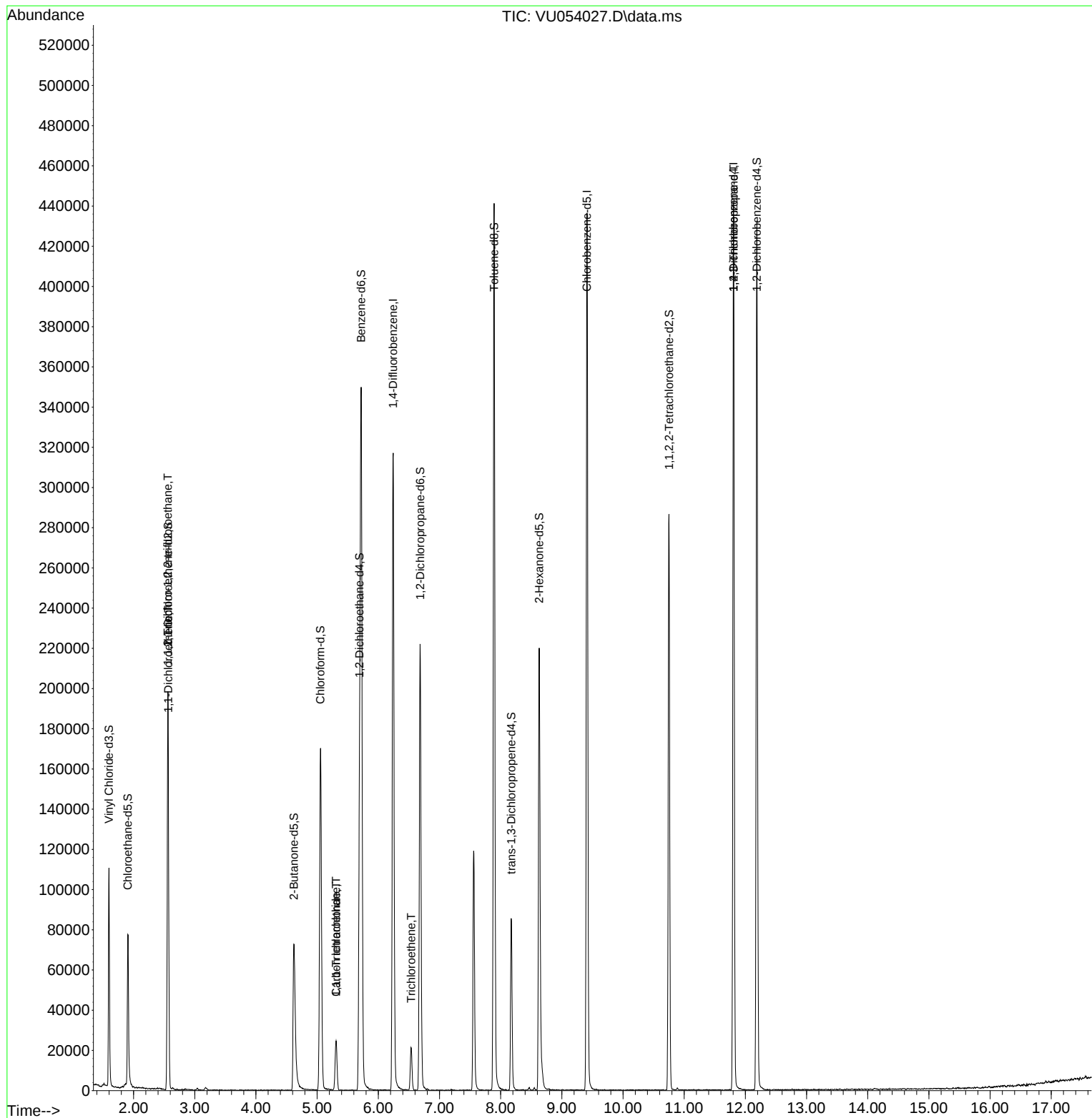
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	267549	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	251427	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	121424	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	82995	41.016	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.040%
7) Chloroethane-d5	1.906	69	54807	41.262	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.520%
11) 1,1-Dichloroethene-d2	2.562	63	117876	32.844	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.680%
21) 2-Butanone-d5	4.620	46	116652	101.078	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.080%
24) Chloroform-d	5.054	84	162630	43.760	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.520%
26) 1,2-Dichloroethane-d4	5.694	65	109536	45.905	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.800%
32) Benzene-d6	5.719	84	329218	44.484	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.960%
36) 1,2-Dichloropropane-d6	6.684	67	106338	45.515	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.020%
41) Toluene-d8	7.893	98	296530	44.380	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.760%
43) trans-1,3-Dichloroprop...	8.173	79	49957	43.208	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.420%
47) 2-Hexanone-d5	8.629	63	75451	90.164	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.160%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	142715	46.374	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.740%
66) 1,2-Dichlorobenzene-d4	12.189	152	116589	49.151	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.300%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1135	0.634	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	1241	0.800	ug/L #	1
30) 1,1,1-Trichloroethane	5.311	97	18370	5.862	ug/L	97
31) Carbon tetrachloride	5.311	117	2380	0.890	ug/L	100
34) Trichloroethene	6.536	95	7278	3.747	ug/L	97
60) 1,2,3-Trichloropropane	11.809	75	12846	5.696	ug/L #	65

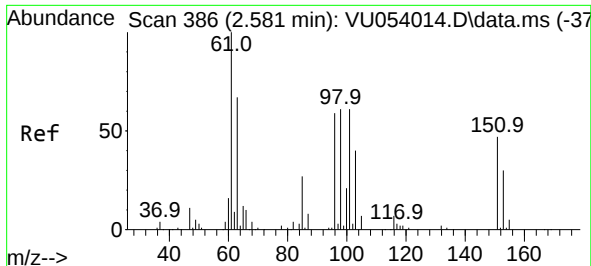
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050123\
Data File : VU054027.D
Acq On : 01 May 2023 15:43
Operator : JC/MD
Sample : 02565-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AX9

Quant Time: May 02 05:33:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 02 05:29:54 2023
Response via : Initial Calibration

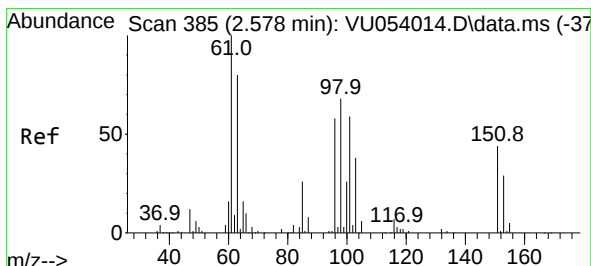
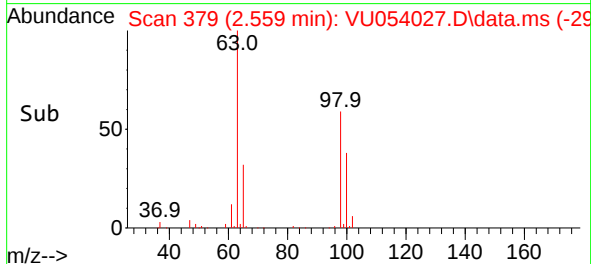
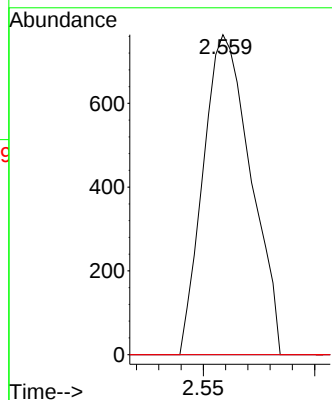
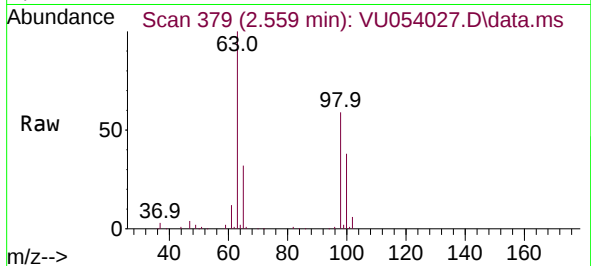




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.634 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.022 min
Lab File: VU054027.D
Acq: 01 May 2023 15:43

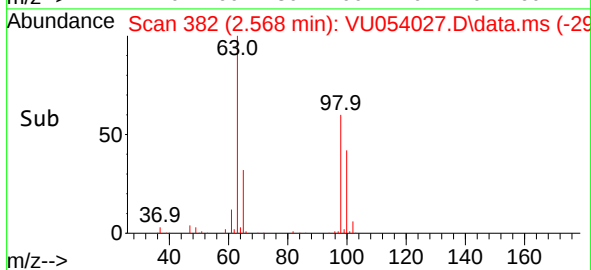
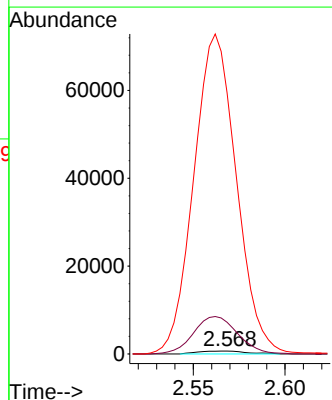
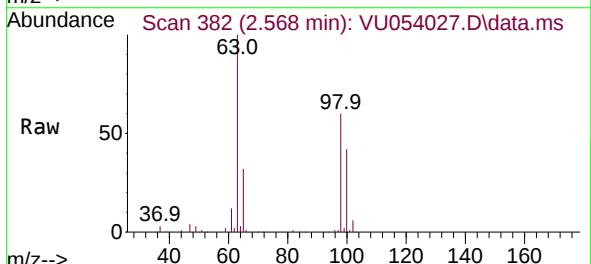
Instrument :
MSVOA_U
ClientSampleId :
C0AX9

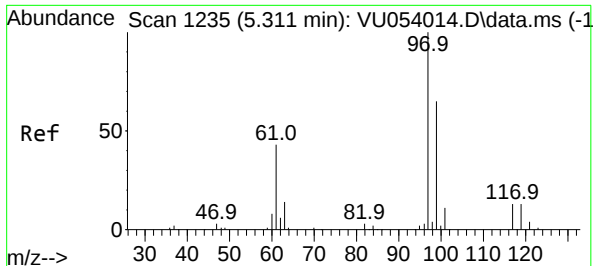
Tgt Ion:101 Resp: 1135
Ion Ratio Lower Upper
101 100
85 0.0 34.3 51.5#
151 0.0 60.3 90.5#



#12
1,1-Dichloroethene
Concen: 0.800 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU054027.D
Acq: 01 May 2023 15:43

Tgt Ion: 96 Resp: 1241
Ion Ratio Lower Upper
96 100
61 1077.9 118.3 219.7#
63 8887.3 92.3 171.5#





#30

1,1,1-Trichloroethane

Concen: 5.862 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VU054027.D

Acq: 01 May 2023 15:43

Instrument :

MSVOA_U

ClientSampleId :

C0AX9

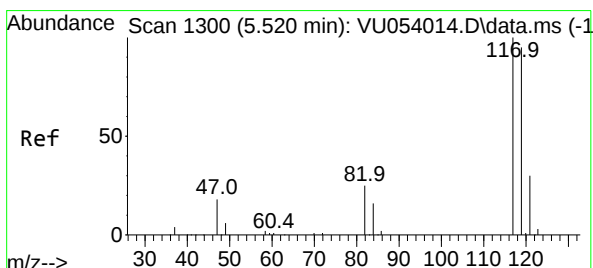
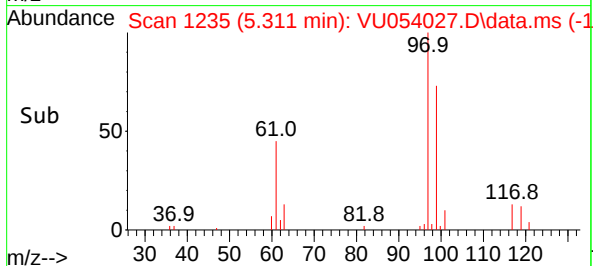
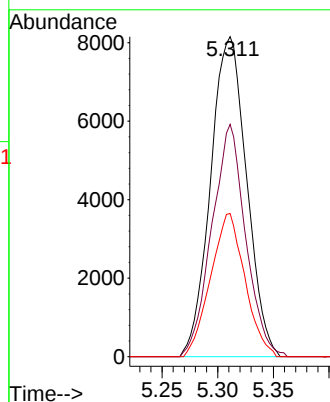
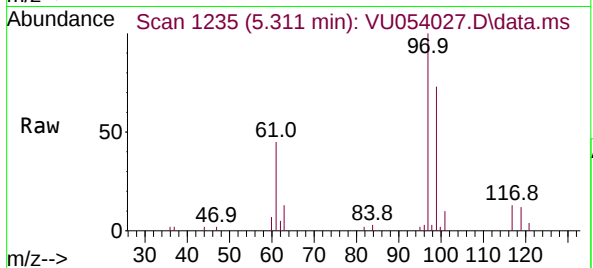
Tgt Ion: 97 Resp: 18370

Ion Ratio Lower Upper

97 100

99 68.0 51.2 76.8

61 42.6 34.2 51.4



#31

Carbon tetrachloride

Concen: 0.890 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.209 min

Lab File: VU054027.D

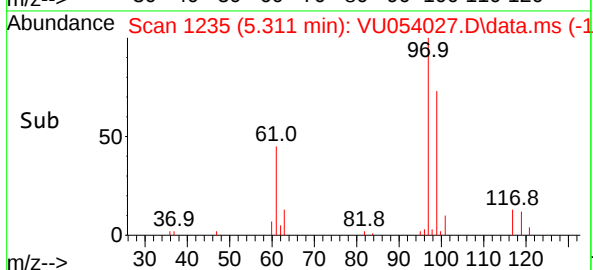
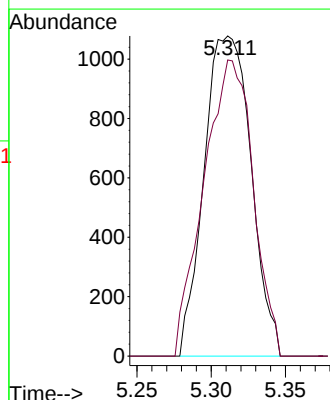
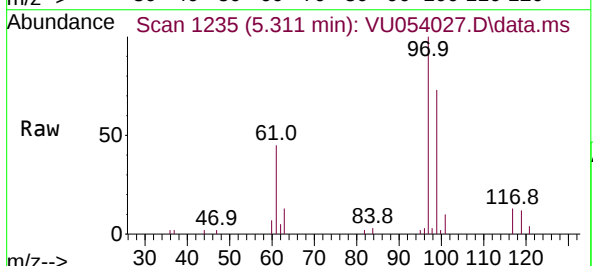
Acq: 01 May 2023 15:43

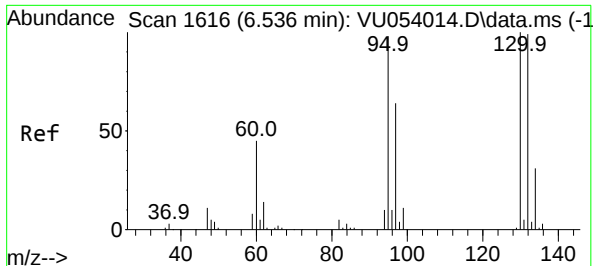
Tgt Ion: 117 Resp: 2380

Ion Ratio Lower Upper

117 100

119 96.8 77.8 116.6



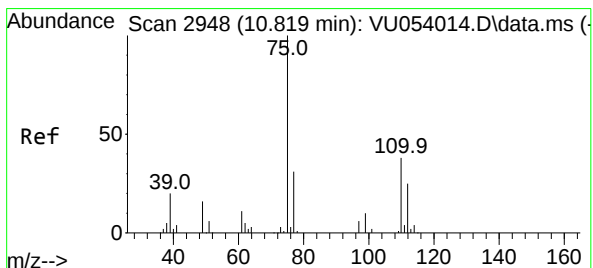
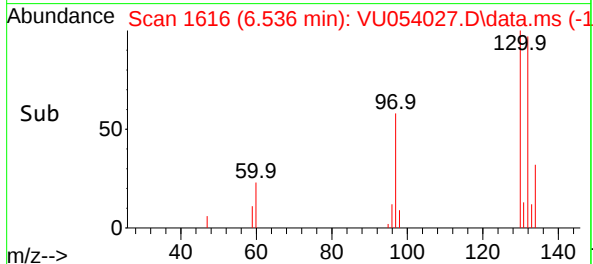
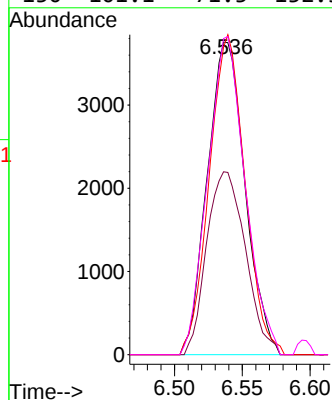
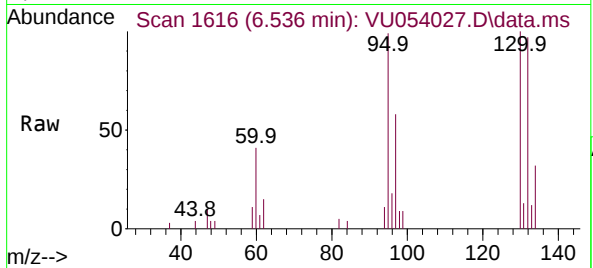


#34
Trichloroethene
Concen: 3.747 ug/L
RT: 6.536 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054027.D
Acq: 01 May 2023 15:43

Instrument :
MSVOA_U
ClientSampleId :
C0AX9

Tgt Ion: 95 Resp: 7278

Ion	Ratio	Lower	Upper
95	100		
97	58.5	46.5	86.3
132	98.4	67.8	126.0
130	101.1	71.3	132.3



#60
1,2,3-Trichloropropane
Concen: 5.696 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU054027.D
Acq: 01 May 2023 15:43

Tgt Ion: 75 Resp: 12846

Ion	Ratio	Lower	Upper
75	100		
77	34.5	26.0	39.0
110	2.1	31.8	47.8

