

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047709.D
 Acq On : 26 Mar 2022 15:19
 Operator : SY/MD
 Sample : N2081-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X4

Quant Time: Mar 28 05:09:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 28 05:05:44 2022
 Response via : Initial Calibration

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

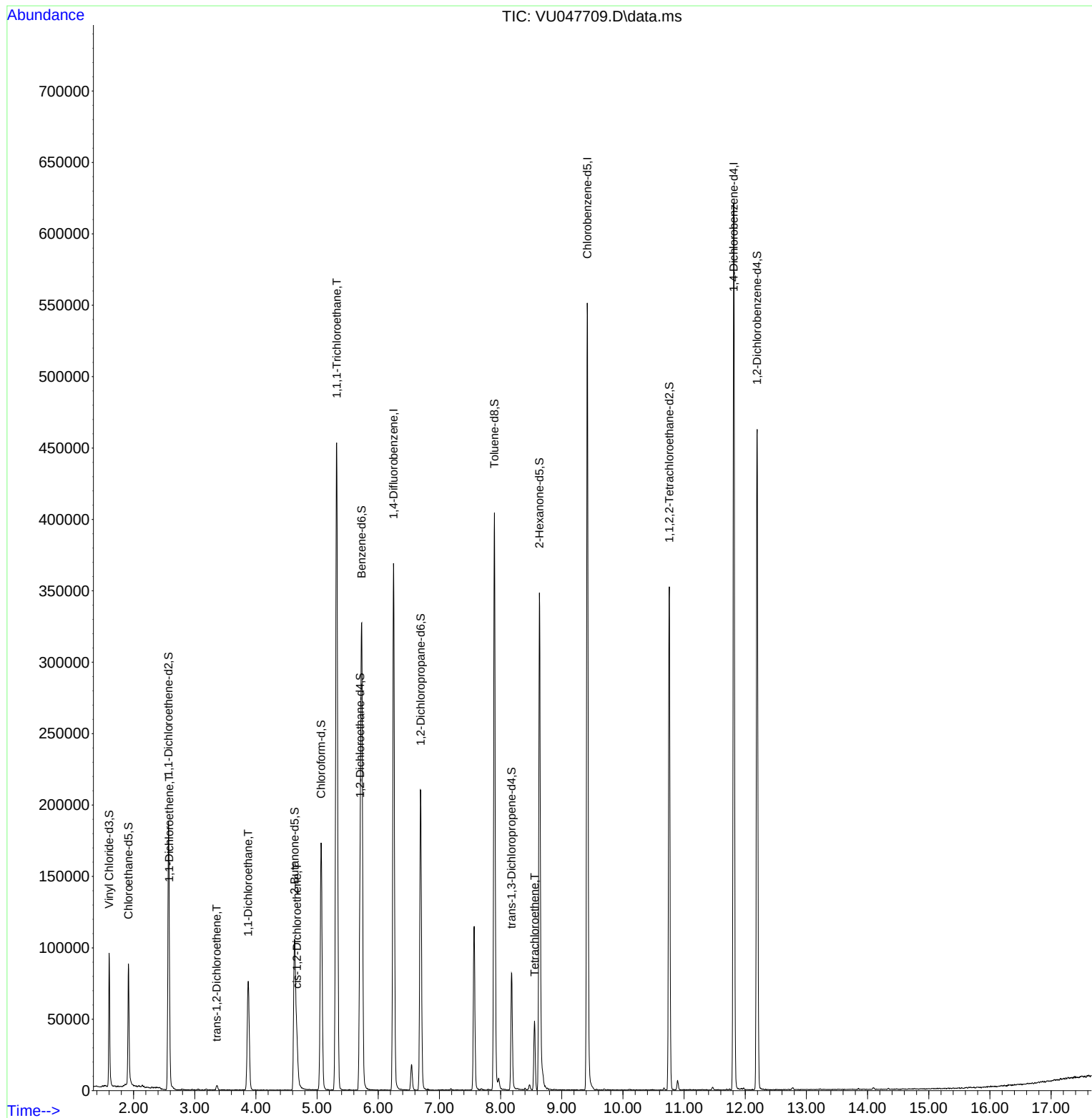
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	311552	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	324927	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	170191	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	68209	30.191	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.380%
7) Chloroethane-d5	1.915	69	64450	36.179	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.360%
11) 1,1-Dichloroethene-d2	2.571	63	105559	25.537	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.080%#
21) 2-Butanone-d5	4.632	46	167677	86.468	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.470%
24) Chloroform-d	5.066	84	158423	38.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.640%
26) 1,2-Dichloroethane-d4	5.703	65	99858	39.386	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.780%
32) Benzene-d6	5.729	84	303998	37.181	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.360%
36) 1,2-Dichloropropane-d6	6.693	67	101185	40.298	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.600%
41) Toluene-d8	7.899	98	276029	34.651	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.300%#
43) trans-1,3-Dichloroprop...	8.179	79	46635	36.660	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.320%
47) 2-Hexanone-d5	8.635	63	122661	83.448	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.450%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	170140	39.483	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.960%
66) 1,2-Dichlorobenzene-d4	12.195	152	129606	42.804	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	9857	4.612	ug/L	# 1
17) trans-1,2-Dichloroethene	3.359	96	1173	0.509	ug/L	83
19) 1,1-Dichloroethane	3.874	63	86863	21.850	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	11504	4.552	ug/L	95
30) 1,1,1-Trichloroethane	5.320	97	327064	88.771	ug/L	99
46) Tetrachloroethene	8.555	164	11737	5.297	ug/L	96

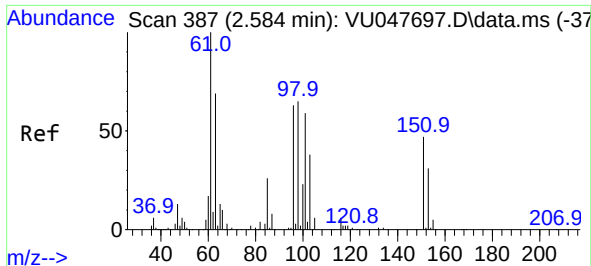
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047709.D
Acq On : 26 Mar 2022 15:19
Operator : SY/MD
Sample : N2081-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X4

Quant Time: Mar 28 05:09:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 28 05:05:44 2022
Response via : Initial Calibration

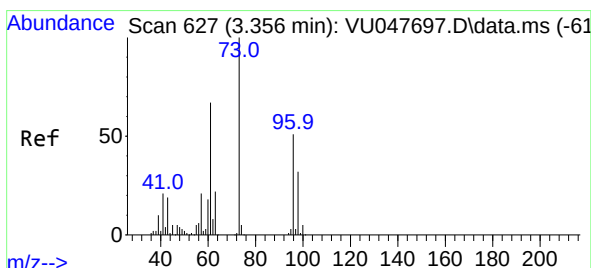
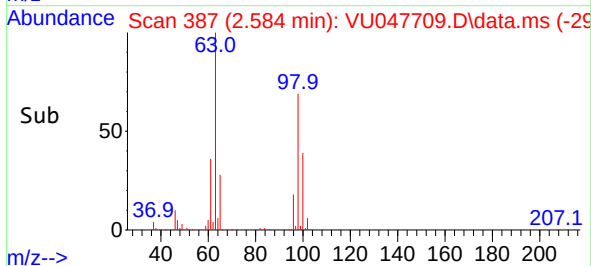
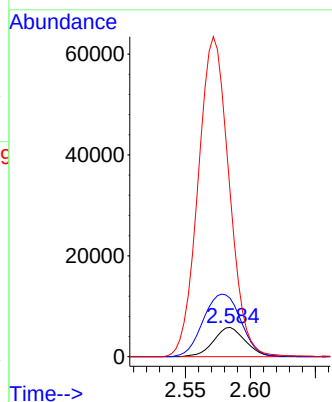
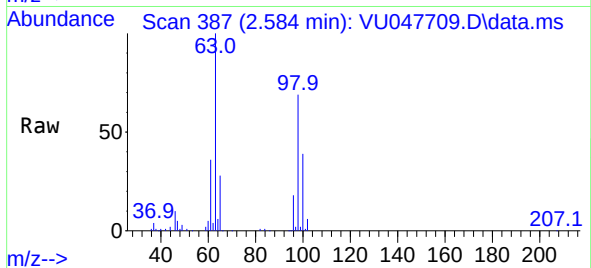




#12
1,1-Dichloroethene
Concen: 4.612 ug/L
RT: 2.584 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047709.D
Acq: 26 Mar 2022 15:19

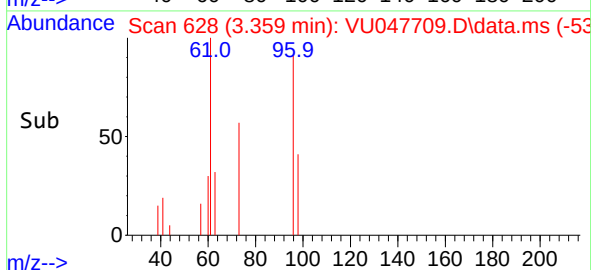
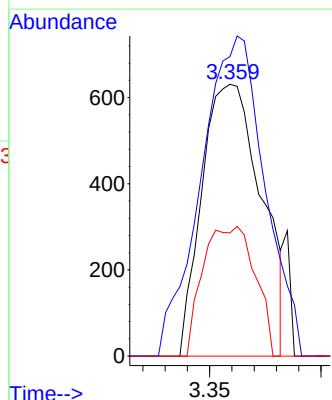
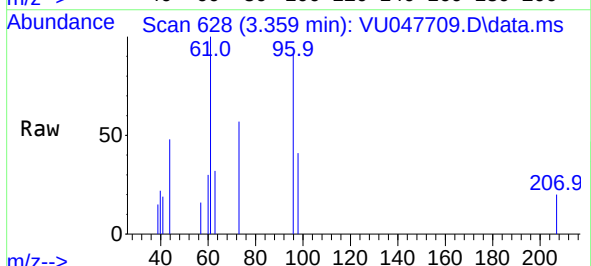
Instrument :
MSVOA_U
ClientSampleId :
EW5X4

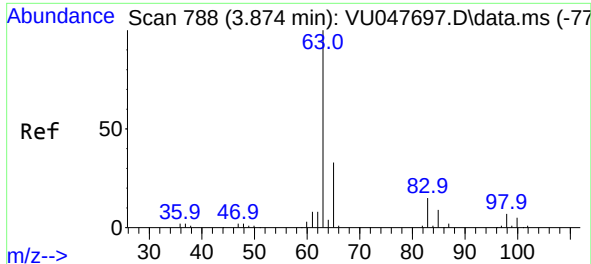
Tgt Ion: 96 Resp: 9857
Ion Ratio Lower Upper
96 100
61 199.8 113.1 210.1
63 561.9 94.8 176.0#



#17
trans-1,2-Dichloroethene
Concen: 0.509 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU047709.D
Acq: 26 Mar 2022 15:19

Tgt Ion: 96 Resp: 1173
Ion Ratio Lower Upper
96 100
61 110.1 88.4 164.2
98 45.3 43.3 80.5





#19

1,1-Dichloroethane

Concen: 21.850 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU047709.D

Acq: 26 Mar 2022 15:19

Instrument :

MSVOA_U

ClientSampleId :

EW5X4

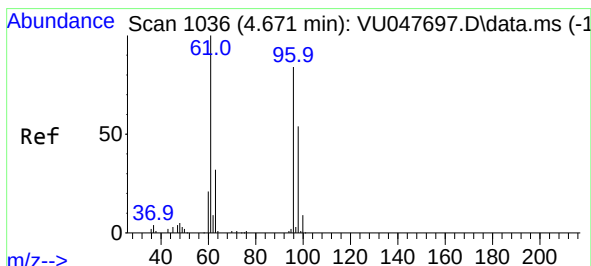
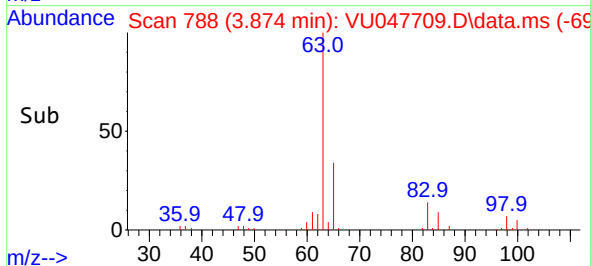
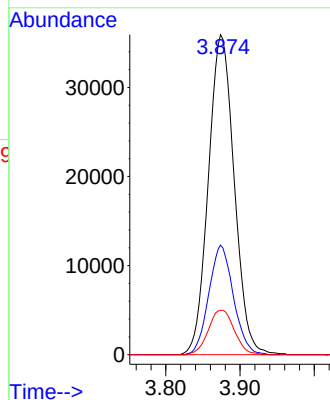
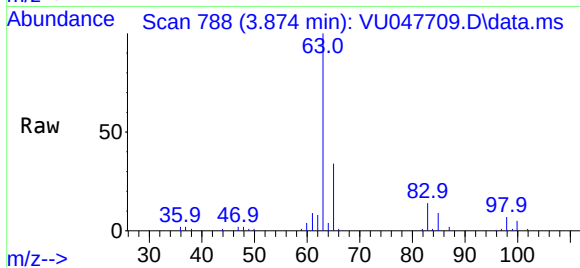
Tgt Ion: 63 Resp: 86863

Ion Ratio Lower Upper

63 100

65 34.3 22.0 41.0

83 13.8 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 4.552 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047709.D

Acq: 26 Mar 2022 15:19

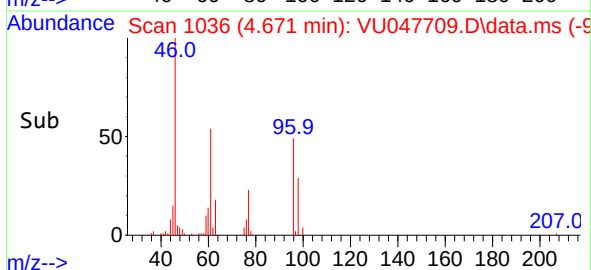
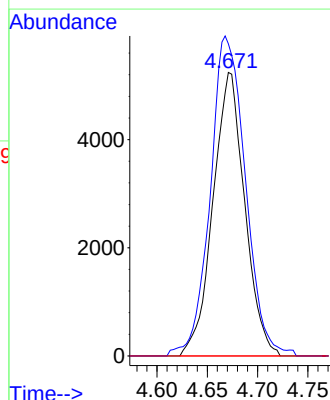
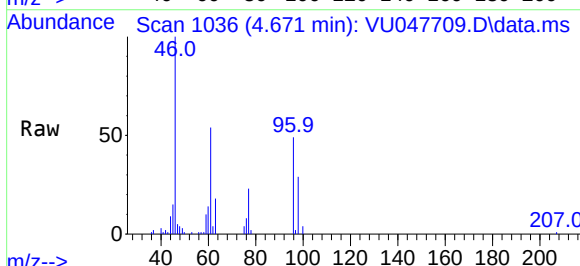
Tgt Ion: 96 Resp: 11504

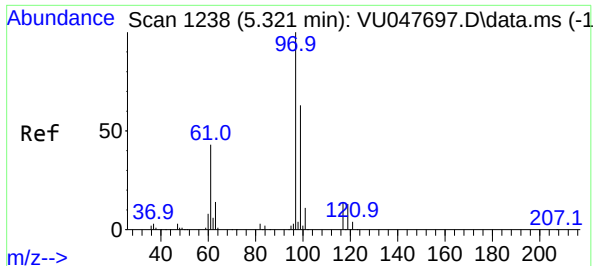
Ion Ratio Lower Upper

96 100

61 110.1 80.7 149.9

68 0.0 0.0 0.0



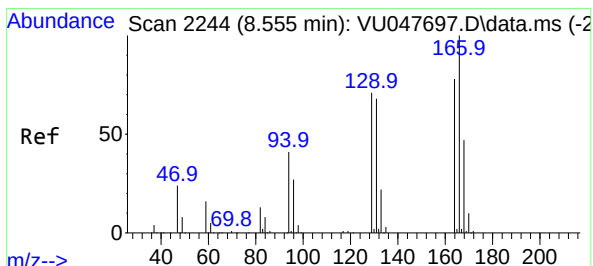
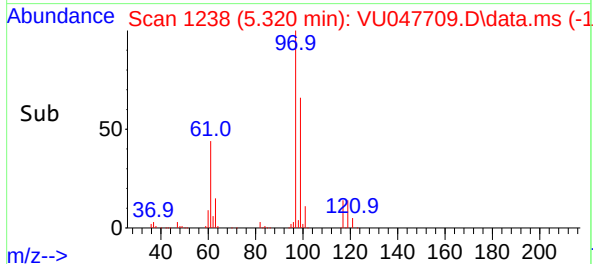
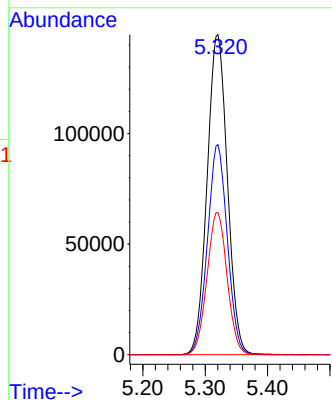
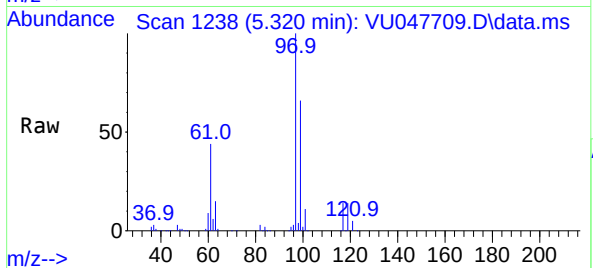


#30
1,1,1-Trichloroethane
Concen: 88.771 ug/L
RT: 5.320 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047709.D
Acq: 26 Mar 2022 15:19

Instrument :
MSVOA_U
ClientSampleId :
EW5X4

Tgt Ion: 97 Resp: 327064

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	44.1	34.2	51.4



#46
Tetrachloroethene
Concen: 5.297 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047709.D
Acq: 26 Mar 2022 15:19

Tgt Ion: 164 Resp: 11737

Ion	Ratio	Lower	Upper
164	100		
129	87.2	62.4	116.0
131	78.6	60.7	112.7
166	124.3	89.0	165.4

