

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019522.D
 Acq On : 10 Dec 2020 20:16
 Operator : SY/MD
 Sample : L4997-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ4

Manual Integrations
 APPROVED

MMDadoda
 12/14/2020 9:11:38 AM

Quant Time: Dec 11 03:47:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 02:38:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	703776	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	651175	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	302258	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	205881	40.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.60%
7) Chloroethane-d5	1.57	69	172395	43.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.62%
11) 1,1-Dichloroethene-d2	2.11	63	391691m	41.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.64%
21) 2-Butanone-d5	3.89	46	272456	99.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.33%
24) Chloroform-d	4.35	84	409214	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.98%
26) 1,2-Dichloroethane-d4	5.04	65	285818	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.18%
32) Benzene-d6	5.05	84	812579	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.58%
36) 1,2-Dichloropropane-d6	6.07	67	254861	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.70%
41) Toluene-d8	7.32	98	733653	46.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.84%
43) trans-1,3-Dichloropropene-	7.62	79	144719	46.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.54%
47) 2-Hexanone-d5	8.09	63	205838	96.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.40%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	341997	46.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.96%
64) 1,2-Dichlorobenzene-d4	11.63	152	271305	48.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.04%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.12	96	136083	32.457 ug/L #	70
19) 1,1-Dichloroethane	3.20	63	11720	1.315 ug/L	100
20) cis-1,2-Dichloroethene	3.92	96	163909	32.446 ug/L #	97
30) 1,1,1-Trichloroethane	4.61	97	237891	29.136 ug/L	99
34) Trichloroethene	5.92	95	2399678	477.330 ug/L	98

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

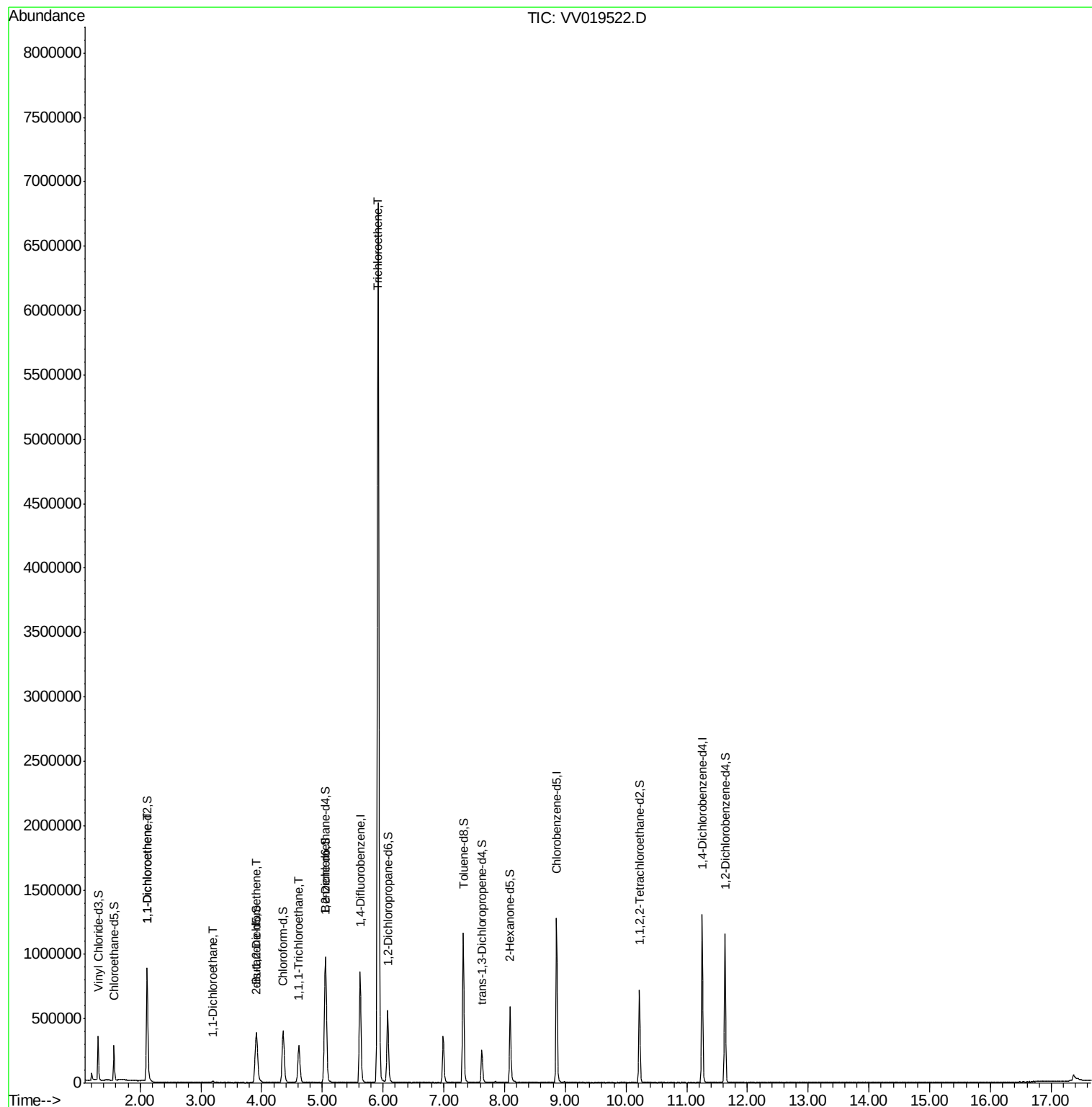
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
Data File : VV019522.D
Acq On : 10 Dec 2020 20:16
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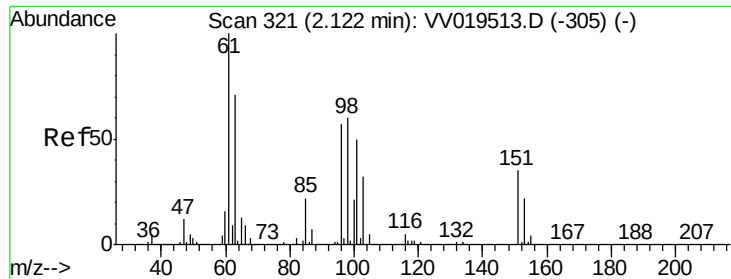
Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 11 02:38:22 2020
Response via : Initial Calibration





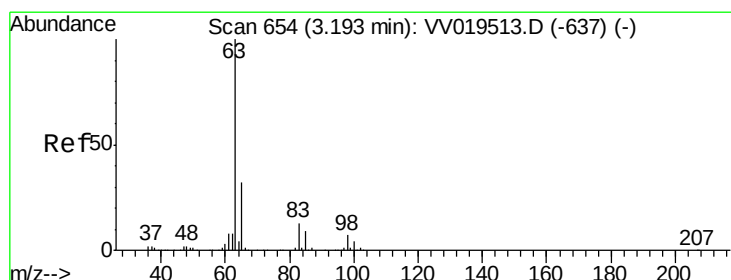
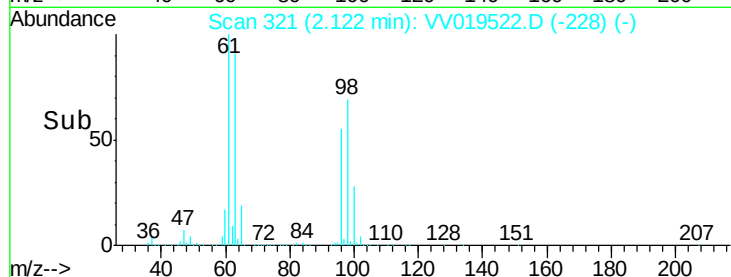
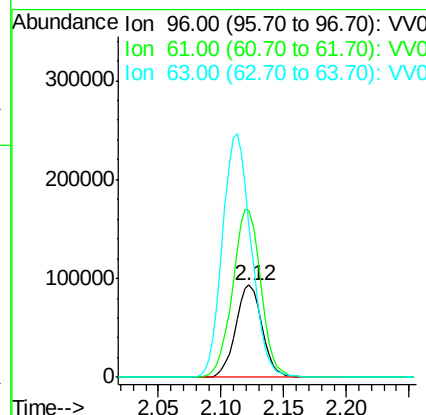
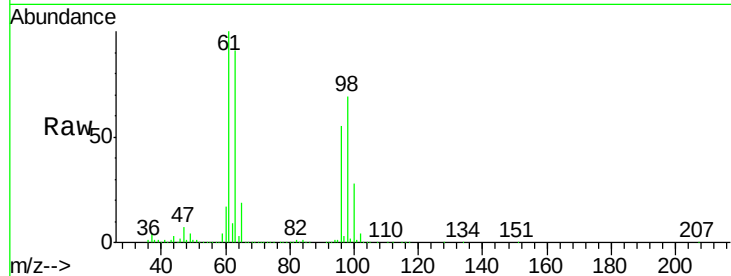
#12
 1,1-Dichloroethene
 Concen: 32.457 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VV019522.D
 Acq: 10 Dec 2020 20:16

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ4

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	180.6	136083	120.7	224.1
63	164.8		64.3	119.5#

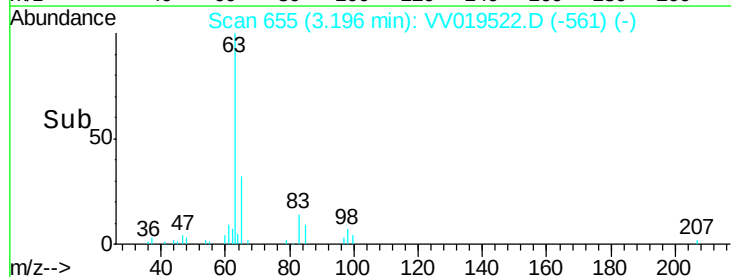
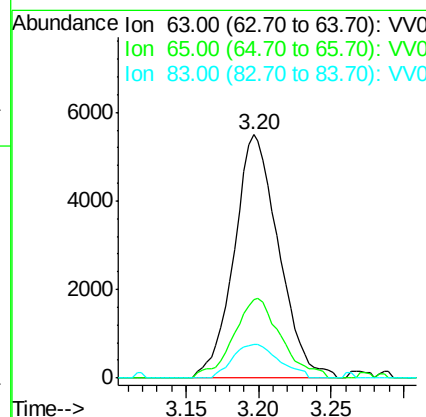
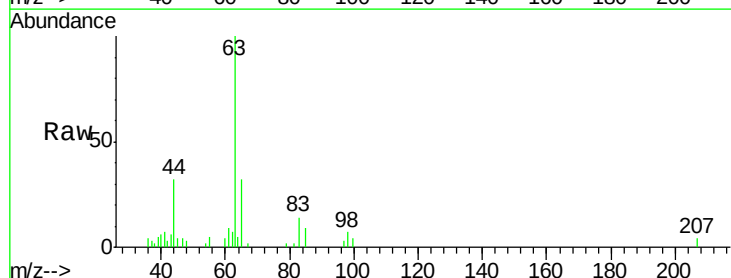
Manual Integrations
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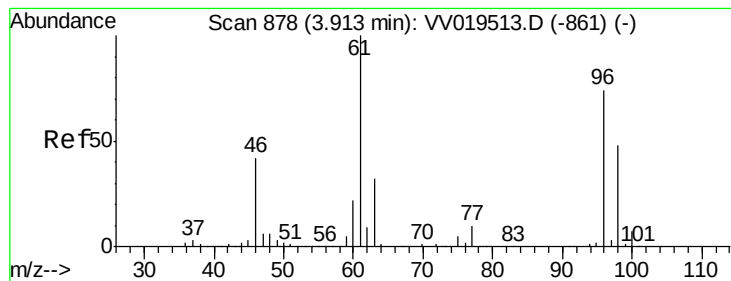
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#19
 1,1-Dichloroethane
 Concen: 1.315 ug/L
 RT: 3.20 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VV019522.D
 Acq: 10 Dec 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	11720		
65	32.2		22.4	41.6
83	14.0		9.6	17.8





#20

cis-1,2-Dichloroethene

Concen: 32.446 ug/L

RT: 3.92 min Scan# 879

Delta R.T. 0.00 min

Lab File: VV019522.D

Acq: 10 Dec 2020 20:16

Instrument :

MSVOA_V

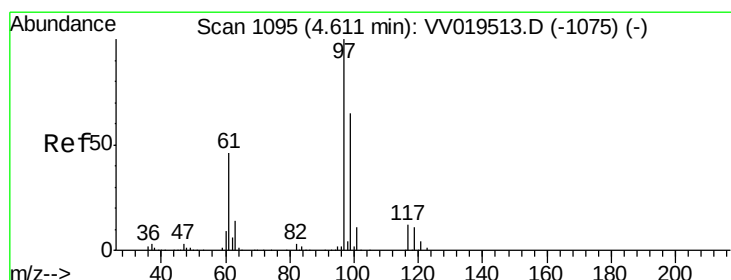
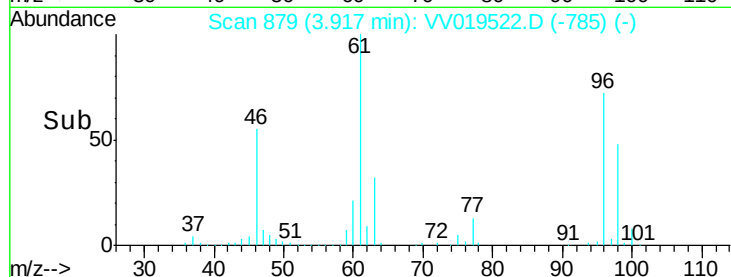
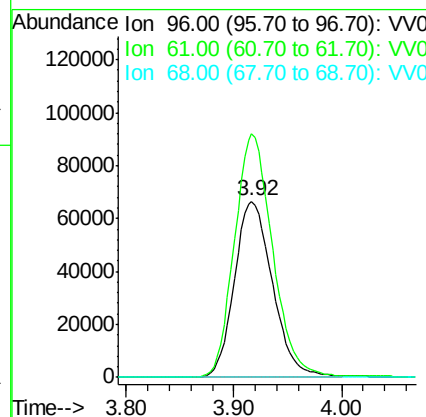
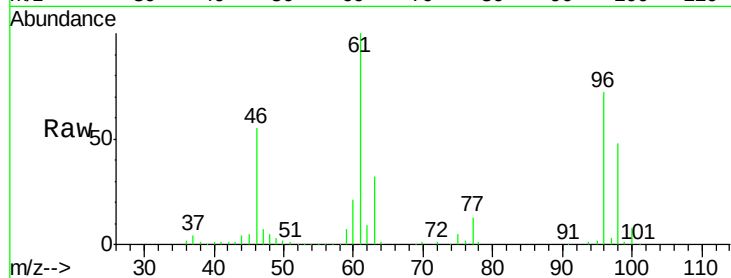
ClientSampleId :

C0AQ4

Tot Ion:	96	Resp:	163909
Ion	Ratio	Lower	Upper
96	100		
61	138.1	94.1	174.8
68	0.0	0.1	0.1#

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#30

1,1,1-Trichloroethane

Concen: 29.136 ug/L

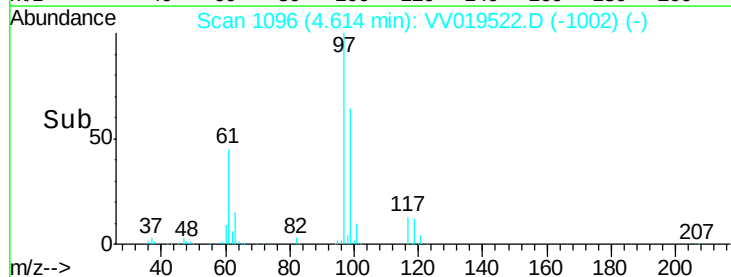
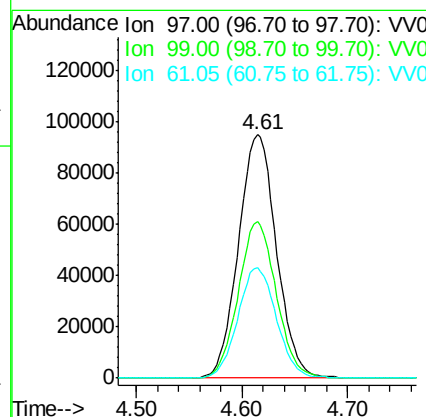
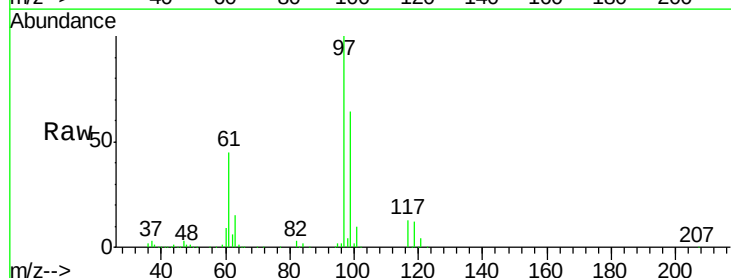
RT: 4.61 min Scan# 1096

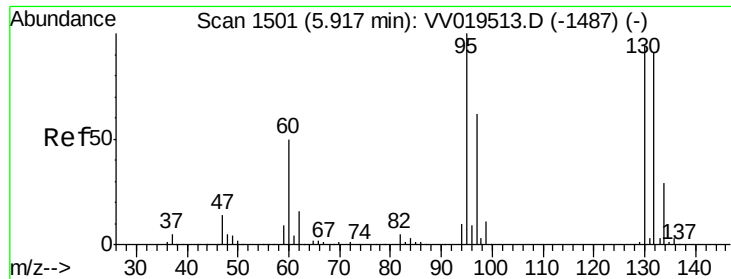
Delta R.T. 0.00 min

Lab File: VV019522.D

Acq: 10 Dec 2020 20:16

Tgt Ion:	97	Resp:	237891
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.3	76.9
61	46.1	36.3	54.5





#34
 Trichloroethene
 Concen: 477.330 ug/L
 RT: 5.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: VV019522.D
 Acq: 10 Dec 2020 20:16

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ4

Tot Ion:	95	Resp:	2399678
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.4	82.4
132	90.3	64.3	119.3
130	95.3	67.8	125.8

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