

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030985.D
 Acq On : 10 Apr 2019 03:32
 Operator : JC/SP
 Sample : K2248-17DL 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD2DL

Manual Integrations
 APPROVED

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 4/11/2019 11:44:50 AM

Quant Time: Apr 10 09:35:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 10 04:30:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	211205	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	214533	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	82913	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62731	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.68	69	61940	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.27	63	101656	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.19	46	255247	61.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.74%
24) Chloroform-d	4.64	84	114277	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.31	65	79305	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.33	84	234152	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	6.33	67	87754	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.56	98	174256	3.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.20%#
43) trans-1,3-Dichloropropene-	7.85	79	26036	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
46) 2-Hexanone-d5	8.31	63	147379	48.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	75530	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	68210	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	85231	3.373 ug/L	97
18) trans-1,2-Dichloroethene	2.97	96	4476m	0.275 ug/L	
19) 1,1-Dichloroethane	3.44	63	253535	7.367 ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	154602	8.911 ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	45032	1.648 ug/L	98

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

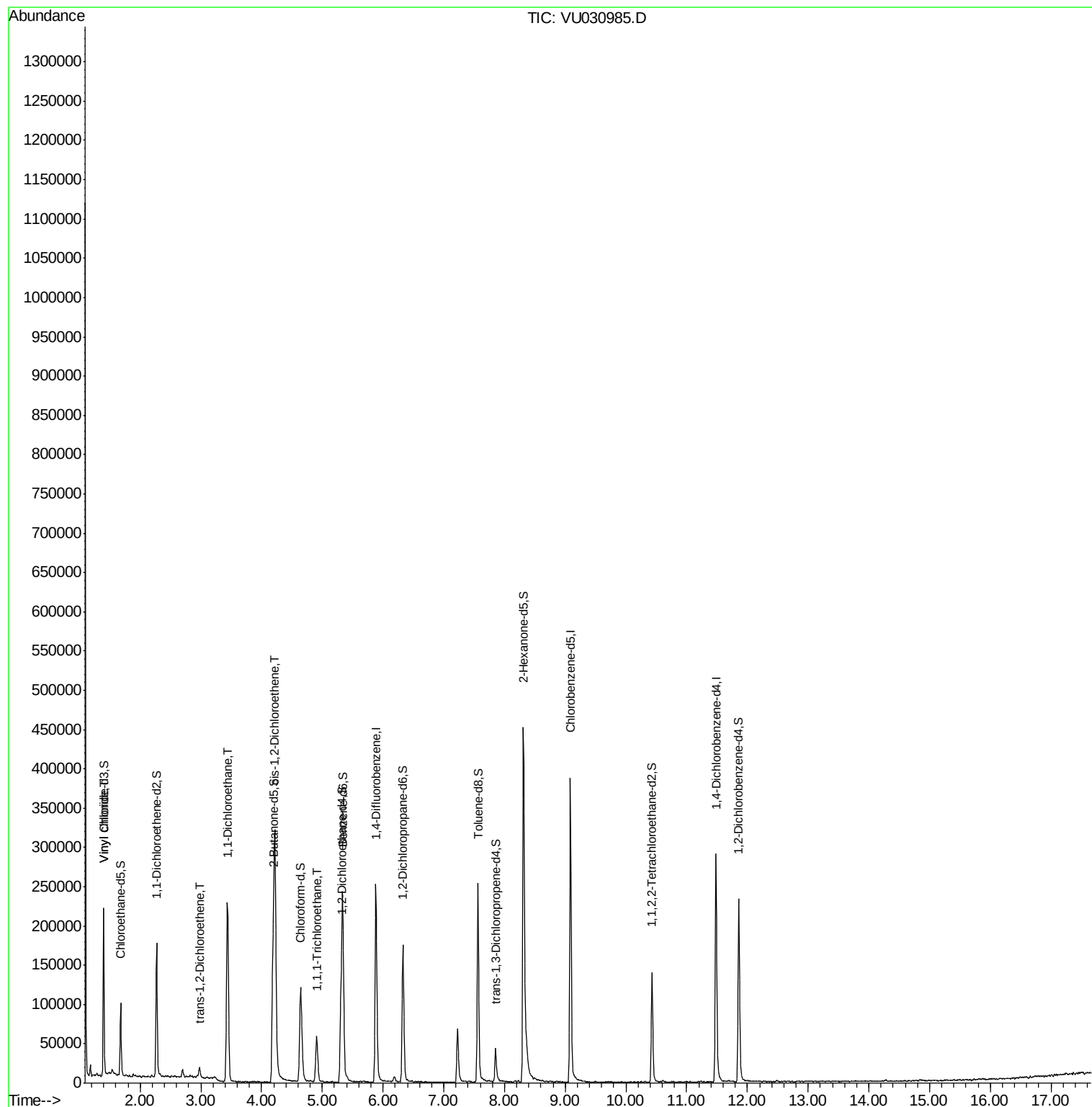
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041019\
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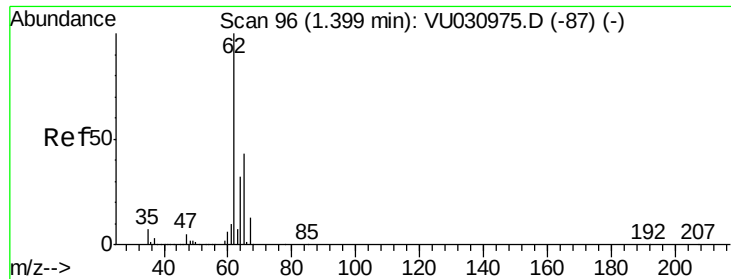
Instrument :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 10 04:30:45 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.373 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU030985.D

Acq: 10 Apr 2019 03:32

Instrument :

MSVOA_U

ClientSampleId :

E3YD2DL

Tot Ion: 62 Resp: 85231

Ion Ratio Lower Upper

62 100

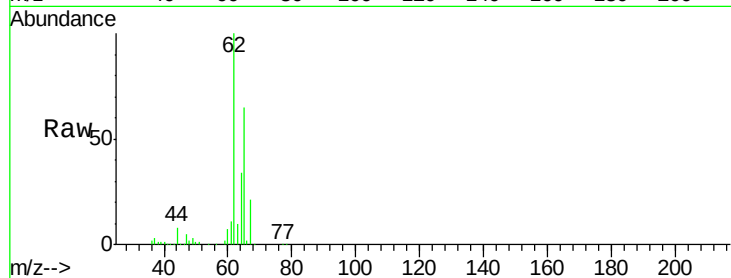
64 33.9 22.5 41.9

Manual Integrations

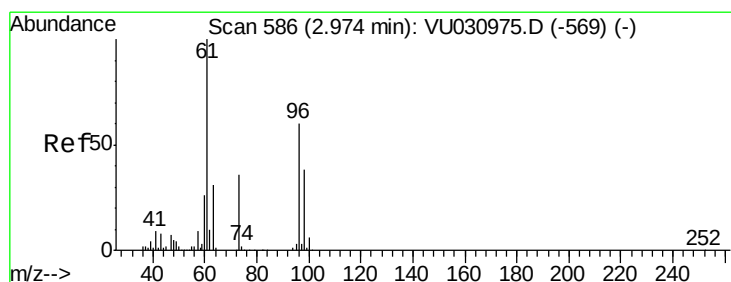
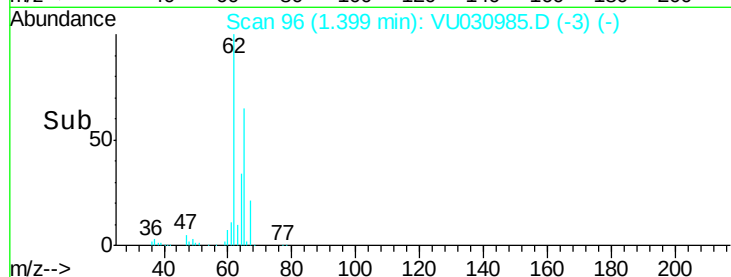
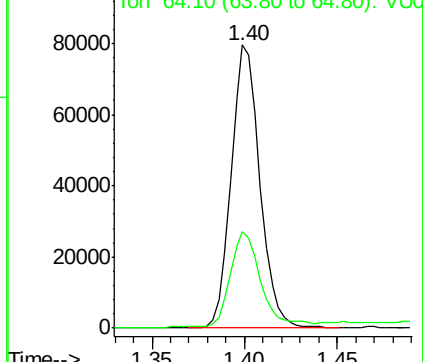
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Abundance Ion 62.00 (61.70 to 62.70): VU030985.D (-3) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.275 ug/L m

RT: 2.97 min Scan# 584

Delta R.T. -0.01 min

Lab File: VU030985.D

Acq: 10 Apr 2019 03:32

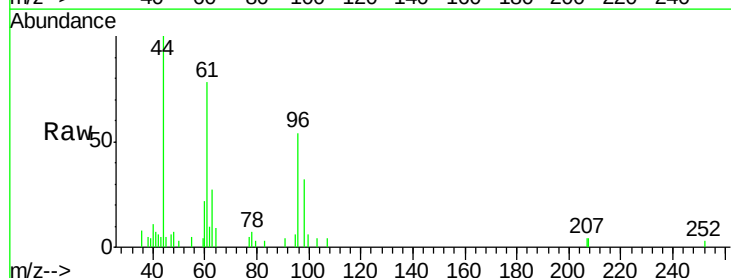
Tgt Ion: 96 Resp: 4476

Ion Ratio Lower Upper

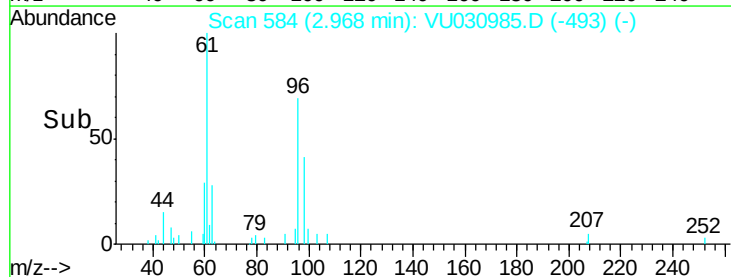
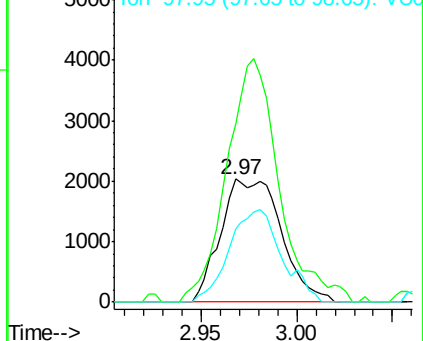
96 100

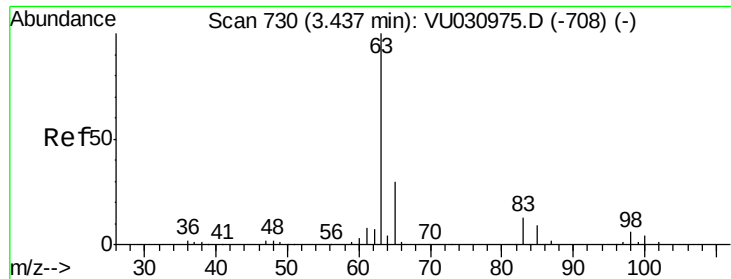
61 145.1 116.8 216.8

98 59.4 46.8 87.0



Abundance Ion 96.00 (95.70 to 96.70): VU030985.D (-493) (-)





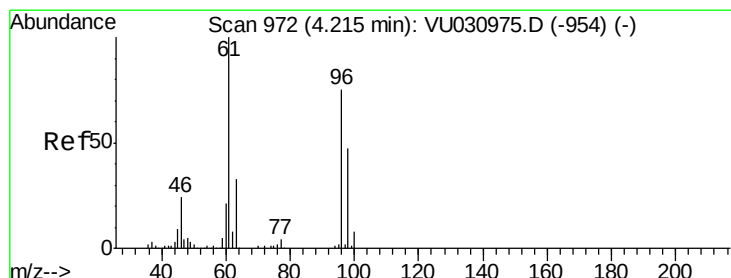
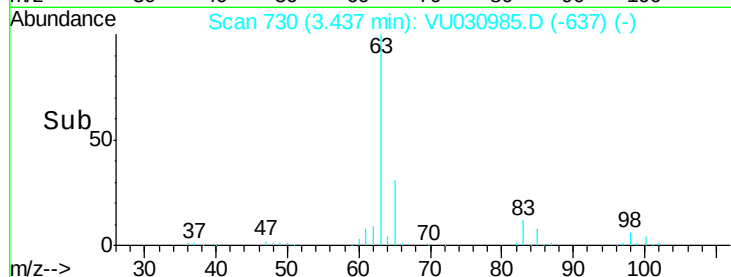
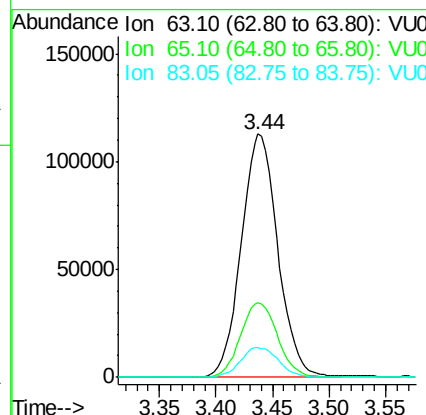
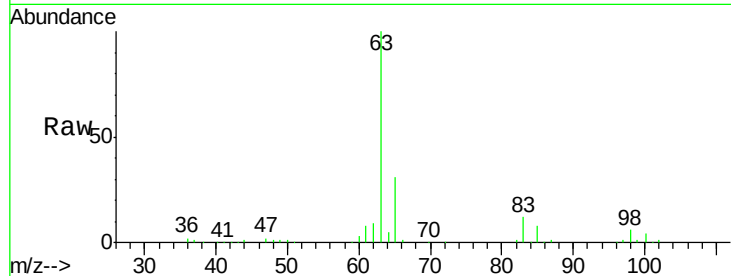
#19
 1,1-Dichloroethane
 Concen: 7.367 ug/L
 RT: 3.44 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VU030985.D
 Acq: 10 Apr 2019 03:32

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD2DL

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	21.6	40.0
83	12.1	9.1	16.9

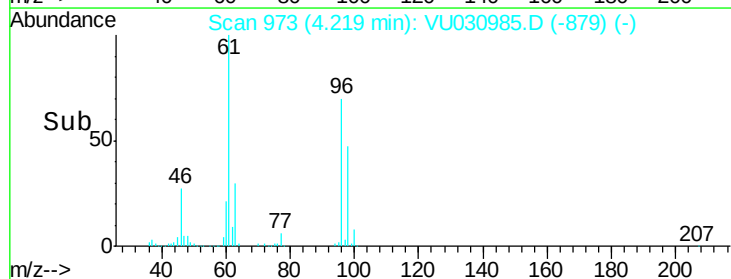
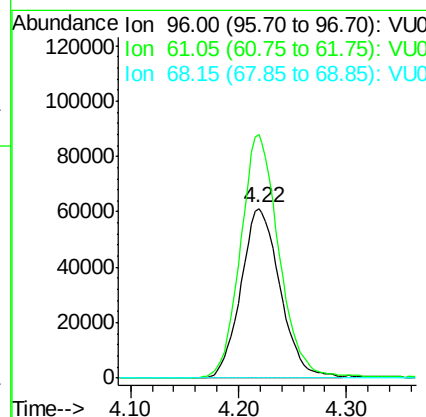
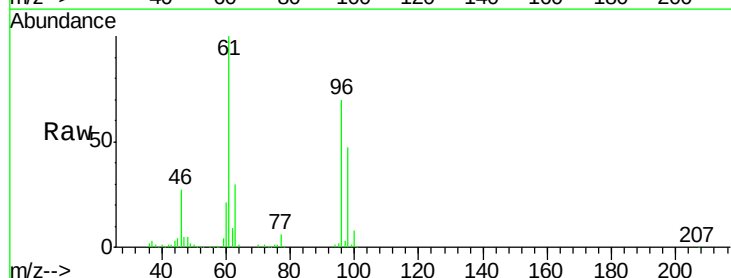
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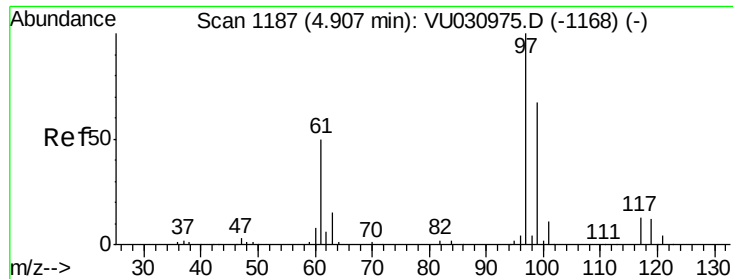
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#22
 cis-1,2-Dichloroethene
 Concen: 8.911 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU030985.D
 Acq: 10 Apr 2019 03:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.6	98.9	183.7
68	0.0	0.0	0.0





#29
 1,1,1-Trichloroethane
 Concen: 1.648 ug/L
 RT: 4.91 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: VU030985.D
 Acq: 10 Apr 2019 03:32

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD2DL

Tot Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.8	77.6
61	49.1	38.1	57.1

Manual Integrations
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