

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U032619\
 Data File : VU030450.D
 Acq On : 26 Mar 2019 17:55
 Operator : JC/SP
 Sample : K2022-12 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C09C7

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 9:55:50 AM

Quant Time: Mar 27 06:52:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 06:00:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	451069	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	426960	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	169389	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	174746	48.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.28%
7) Chloroethane-d5	1.67	69	145622	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.22%
11) 1,1-Dichloroethene-d2	2.27	63	249281	36.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.40%
21) 2-Butanone-d5	4.17	46	347308	101.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.78%
24) Chloroform-d	4.64	84	310049	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
26) 1,2-Dichloroethane-d4	5.31	65	209487	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.38%
32) Benzene-d6	5.34	84	621690	50.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.54%
36) 1,2-Dichloropropane-d6	6.32	67	220053	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.06%
41) Toluene-d8	7.56	98	534920	48.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.30%
43) trans-1,3-Dichloropropene-	7.85	79	96279	48.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.76%
47) 2-Hexanone-d5	8.31	63	226224	99.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	300059	50.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	179402	52.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.72%

Target Compounds

					Ovalue
51) Chlorobenzene	9.12	112	47077	5.150 ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	8124	1.467 ug/L	93
63) 1,4-Dichlorobenzene	11.50	146	41016	7.192 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	29995	5.355 ug/L	93
68) 1,2,4-trichlorobenzene	13.52	180	6519m	1.809 ug/L	

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

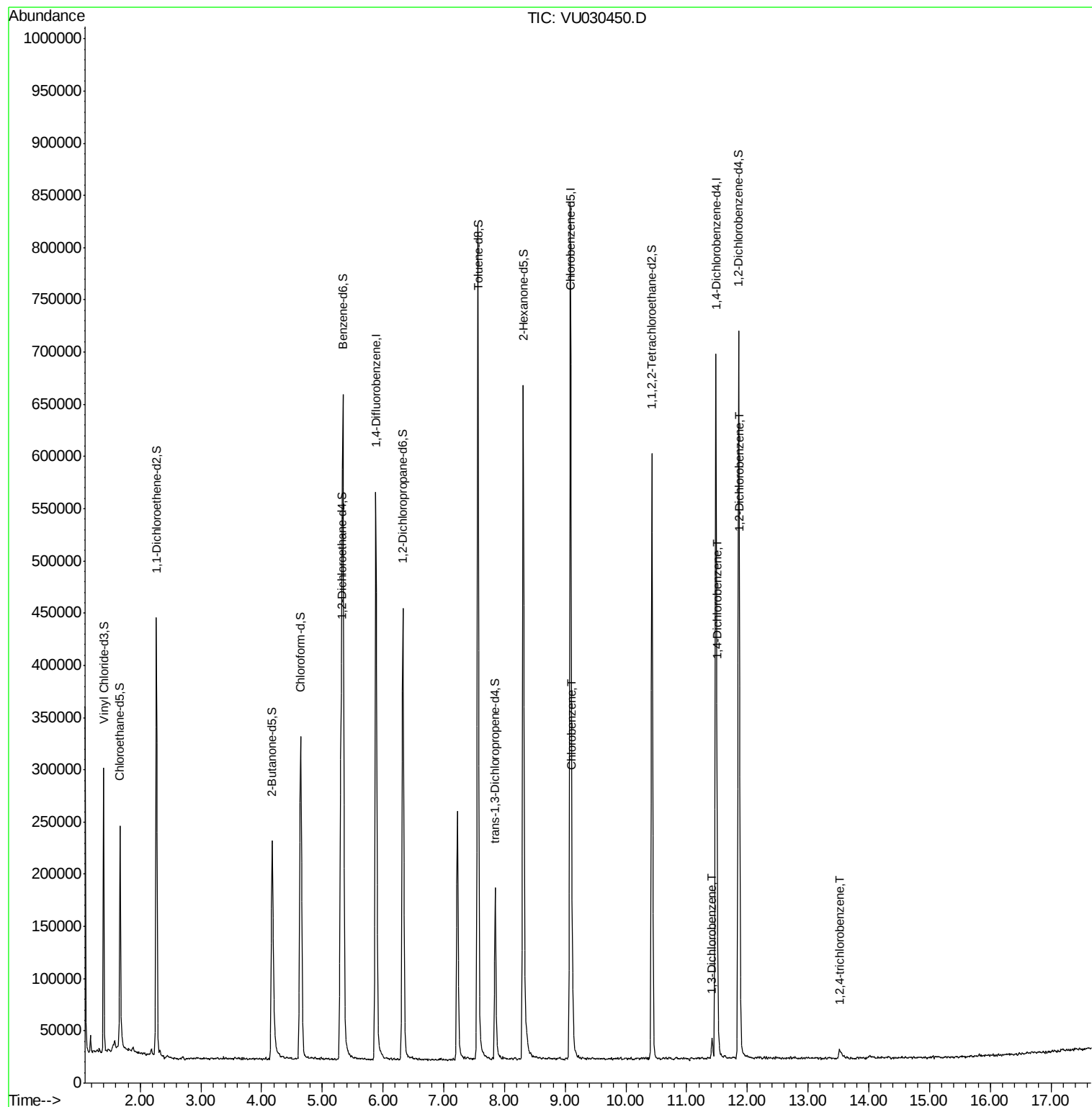
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU032619\
Data File : VU030450.D
Acq On : 26 Mar 2019 17:55
Operator : JC/SP
Sample : K2022-12 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

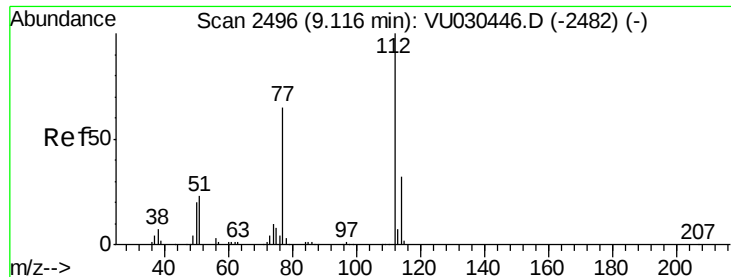
Instrument :
MSVOA_U
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 06:00:22 2019
Response via : Initial Calibration





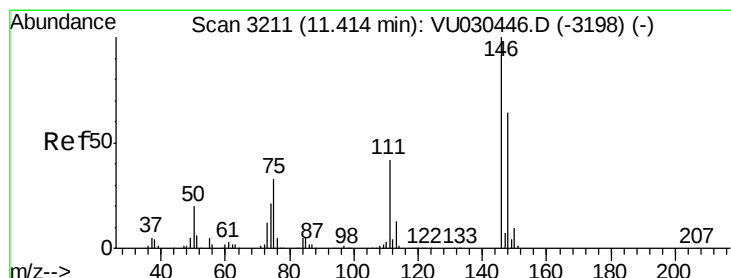
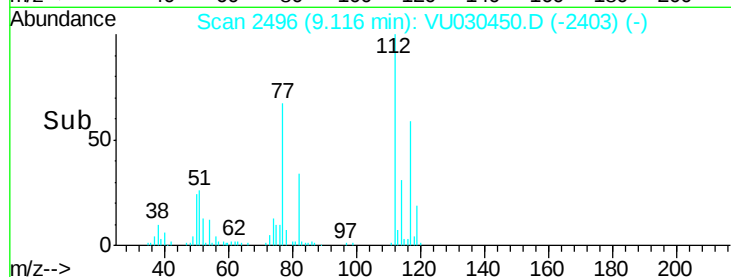
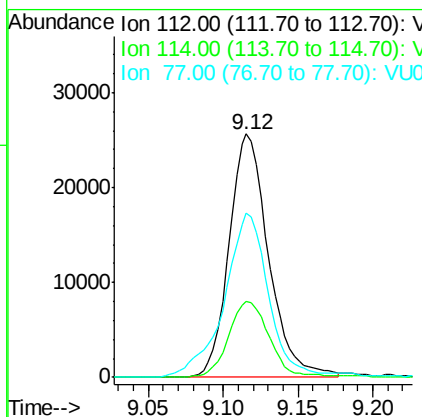
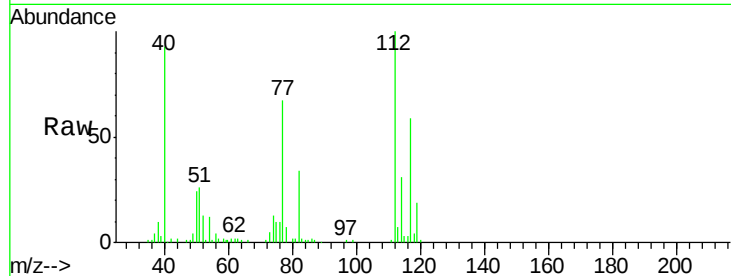
#51
Chlorobenzene
Concen: 5.150 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU030450.D
Acq: 26 Mar 2019 17:55

Instrument :
MSVOA_U
ClientSampleId :
C09C7

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.1	21.5	39.9
77	67.4	51.4	77.0

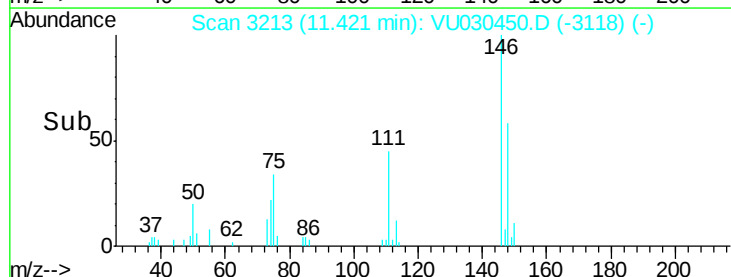
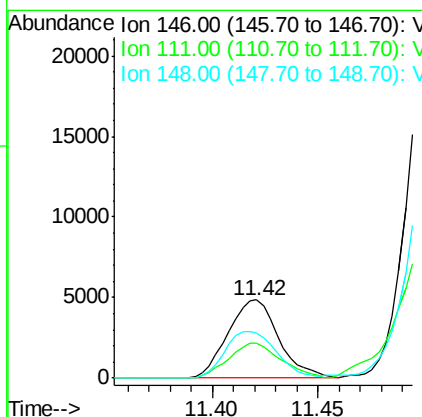
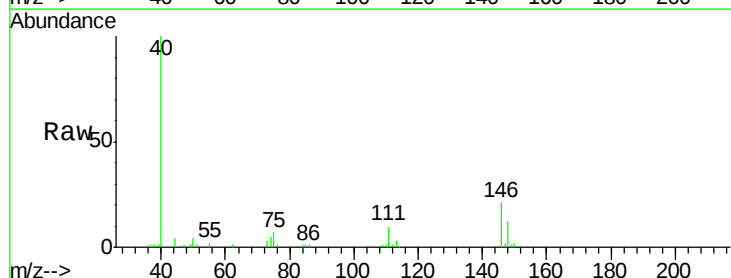
Manual Integrations
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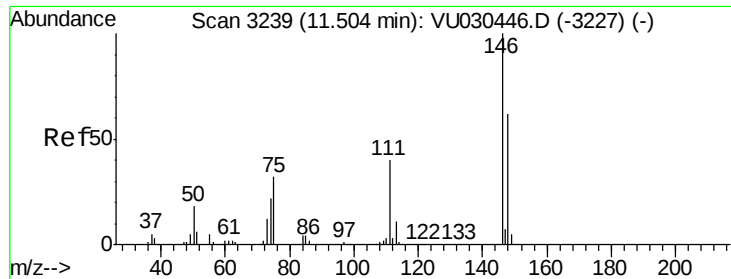
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#62
1,3-Dichlorobenzene
Concen: 1.467 ug/L
RT: 11.42 min Scan# 3213
Delta R.T. 0.01 min
Lab File: VU030450.D
Acq: 26 Mar 2019 17:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.4	29.2	54.2
148	57.6	44.4	82.4





#63

1,4-Dichlorobenzene

Concen: 7.192 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU030450.D

Acq: 26 Mar 2019 17:55

Instrument :

MSVOA_U

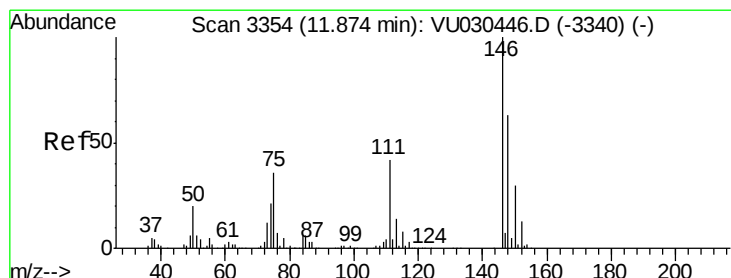
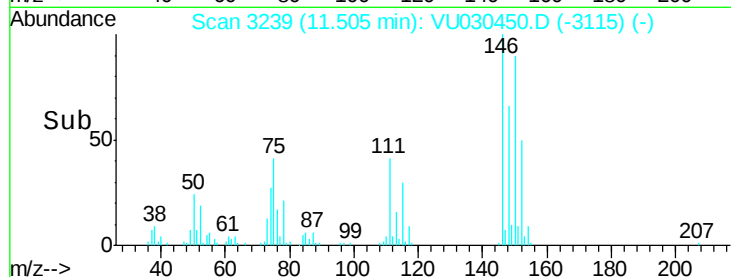
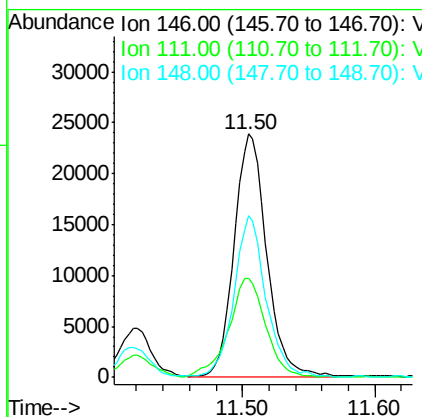
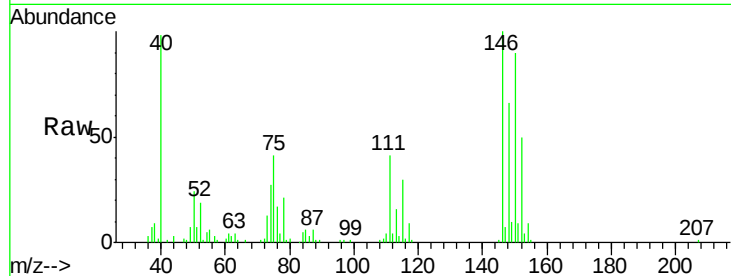
ClientSampleId :

C09C7

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	28.7	53.3
148	66.2	44.3	82.3

Manual Integrations
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#65

1,2-Dichlorobenzene

Concen: 5.355 ug/L

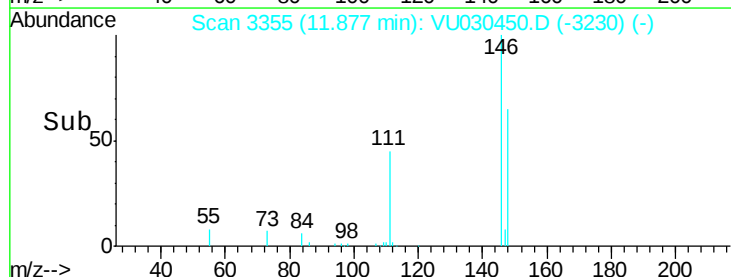
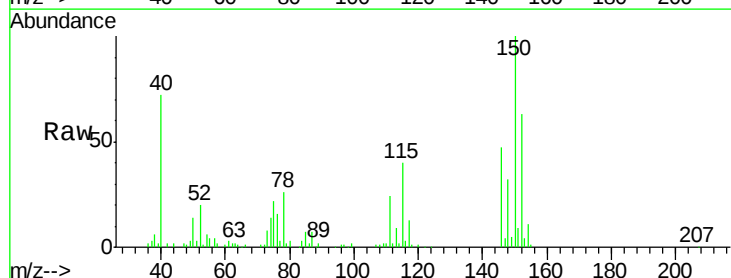
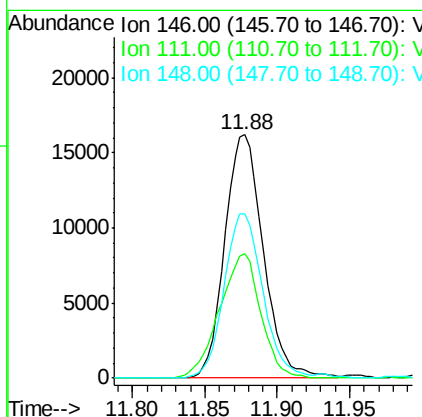
RT: 11.88 min Scan# 3355

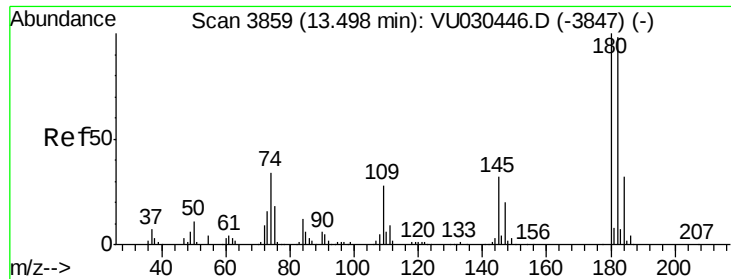
Delta R.T. 0.00 min

Lab File: VU030450.D

Acq: 26 Mar 2019 17:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	51.4	34.9	52.3
148	67.3	51.2	76.8





#68
 1,2,4-trichlorobenzene
 Concen: 1.809 ug/L m
 RT: 13.52 min Scan# 3865
 Delta R.T. 0.02 min
 Lab File: VU030450.D
 Acq: 26 Mar 2019 17:55

Instrument :
 MSVOA_U
 ClientSampleId :
 C09C7

Tot Ion	Ratio	Lower	Upper
180	100		
182	45.4	76.1	114.1#
145	5.6	24.5	36.7#

Manual Integrations
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MMDadoda
 3/27/2019 9:55:50 AM

