

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100219\
 Data File : VU034895.D
 Acq On : 01 Oct 2019 18:10
 Operator : JC/SP
 Sample : K5028-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDK3

Manual Integrations
 APPROVED

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10/4/2019 12:13:46 PM

Quant Time: Oct 02 02:20:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 02 01:50:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	348777	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	333448	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	143803	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	103313	42.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.52%
7) Chloroethane-d5	1.67	69	92643	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.22%
11) 1,1-Dichloroethene-d2	2.26	63	156873	36.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.00%
21) 2-Butanone-d5	4.15	46	264907	111.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.06%
24) Chloroform-d	4.62	84	222410	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
26) 1,2-Dichloroethane-d4	5.29	65	164432	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.42%
32) Benzene-d6	5.32	84	436270	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.14%
36) 1,2-Dichloropropane-d6	6.31	67	155421	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.60%
41) Toluene-d8	7.54	98	404294	47.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.68%
43) trans-1,3-Dichloropropene-	7.83	79	67256	48.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.32%
47) 2-Hexanone-d5	8.29	63	178895	119.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.76%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	219528	49.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.50%
64) 1,2-Dichlorobenzene-d4	11.84	152	143415	50.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.24%

Target Compounds

					Ovalue
13) Acetone	2.31	43	52271	27.572 ug/L	98
15) Methyl Acetate	2.61	43	3783m	1.250 ug/L	
16) Methylene chloride	2.68	84	2059007	1077.621 ug/L	97
22) 2-Butanone	4.25	43	13326	5.412 ug/L	84
56) Isopropylbenzene	10.15	105	8233	0.890 ug/L #	83

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

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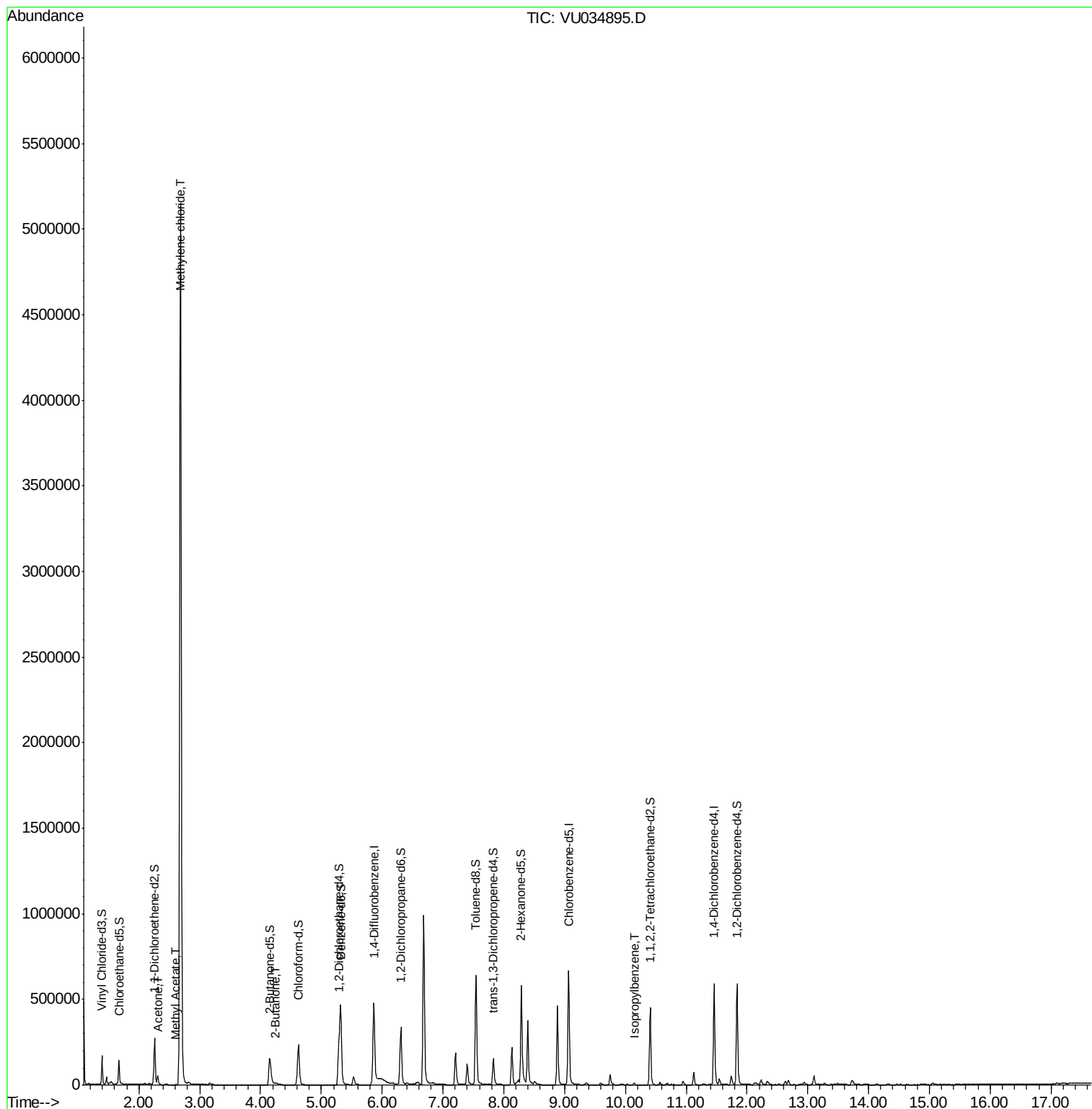
Instrument :
MSVOA_U
ClientSampleId :
BFDK3

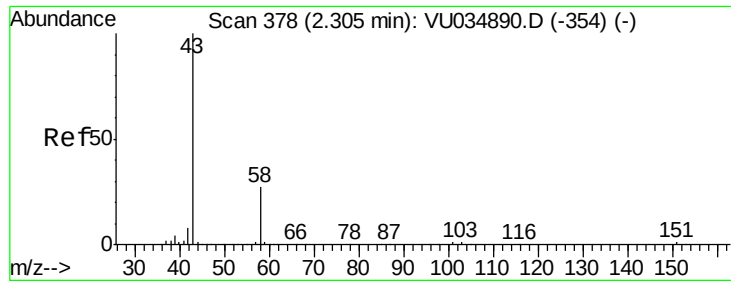
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Quant Time: Oct 02 02:20:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 02 01:50:17 2019
Response via : Initial Calibration





#13

Acetone

Concen: 27.572 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034895.D

Acq: 01 Oct 2019 18:10

Instrument :

MSVOA_U

ClientSampleId :

BFDK3

Tot Ion: 43 Resp: 52271

Ion Ratio Lower Upper

43 100

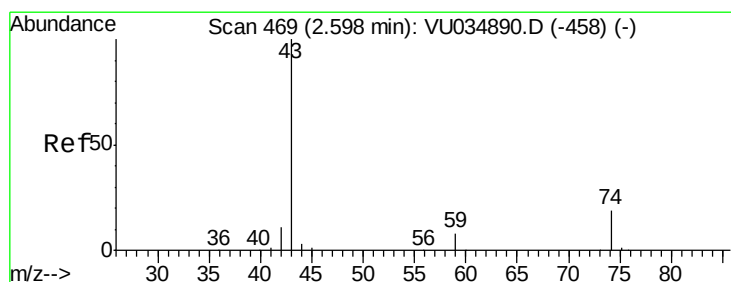
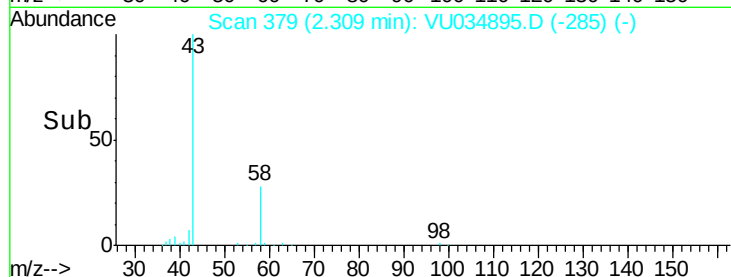
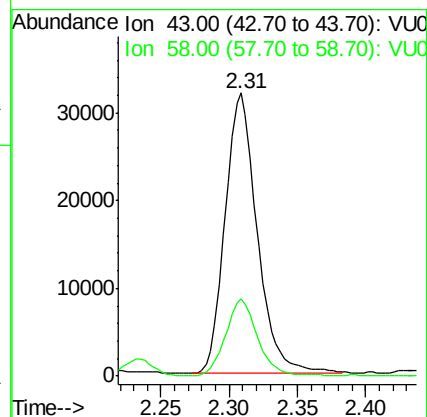
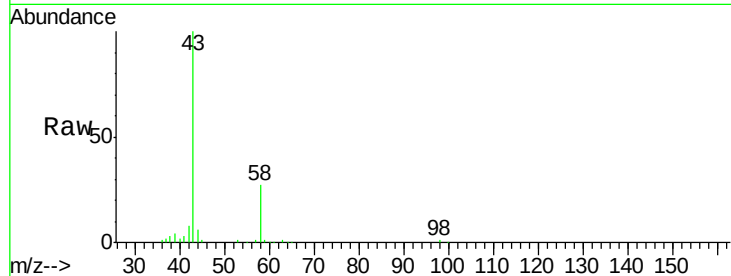
58 27.3 0.0 52.6

Manual Integrations

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#15

Methyl Acetate

Concen: 1.250 ug/L m

RT: 2.61 min Scan# 472

Delta R.T. 0.01 min

Lab File: VU034895.D

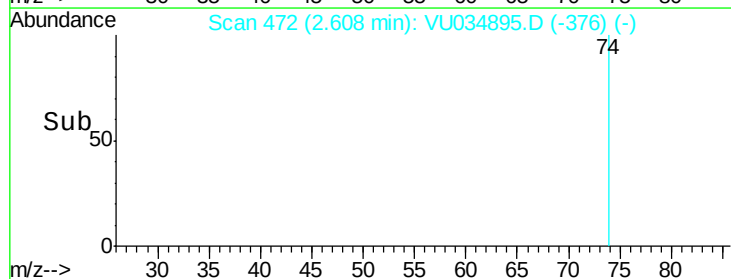
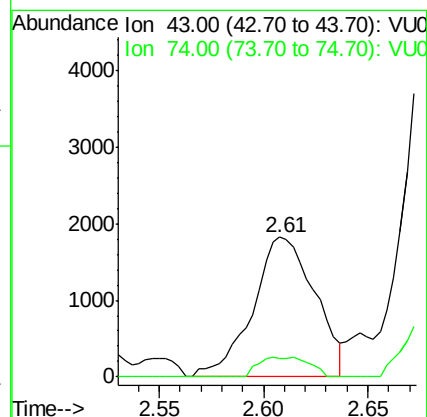
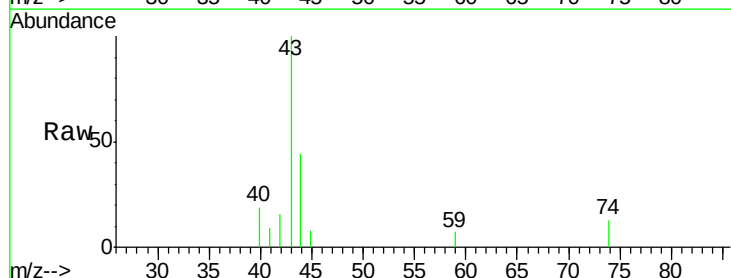
Acq: 01 Oct 2019 18:10

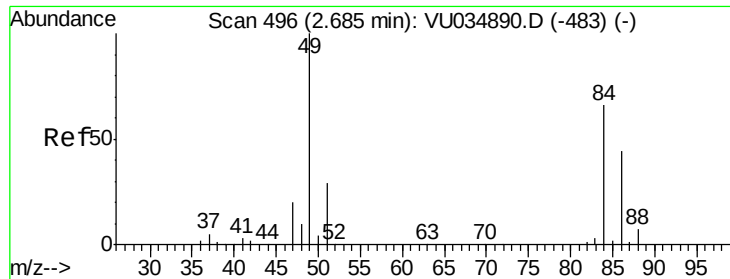
Tgt Ion: 43 Resp: 3783

Ion Ratio Lower Upper

43 100

74 50.5 15.3 22.9#





#16
Methylene chloride
Concen: 1077.621 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034895.D
Acq: 01 Oct 2019 18:10

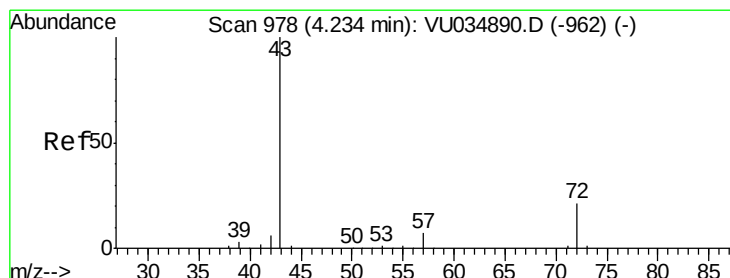
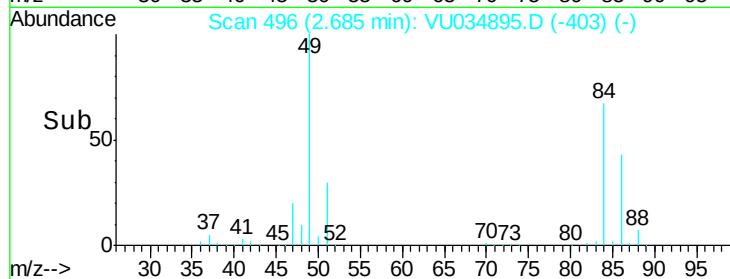
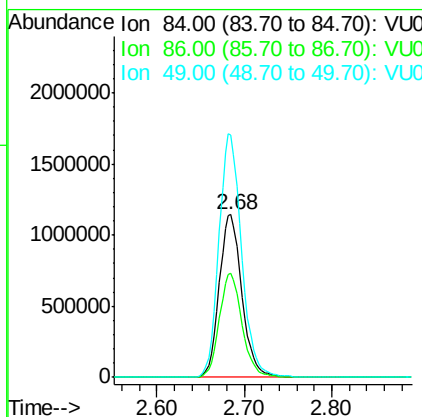
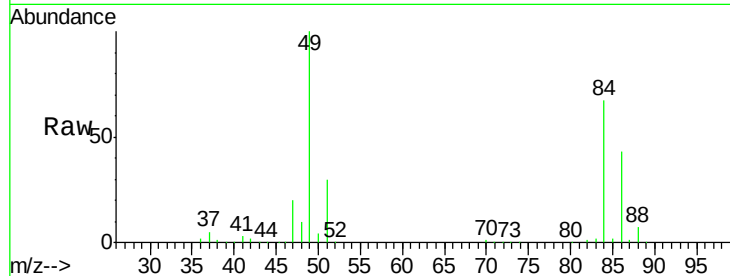
Instrument :
MSVOA_U
ClientSampleId :
BFDK3

Tot Ion: 84 Resp: 2059007
Ion Ratio Lower Upper
84 100
86 63.9 44.7 82.9
49 149.3 100.7 186.9

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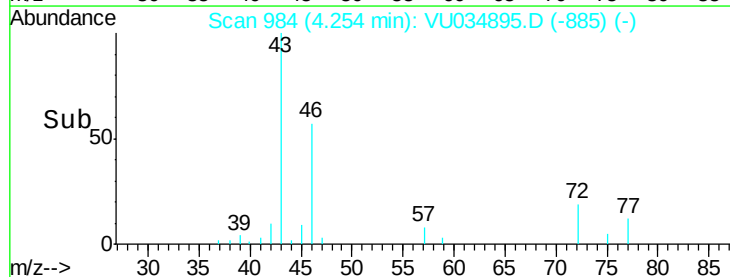
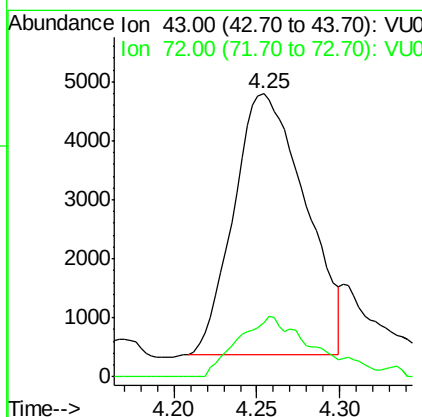
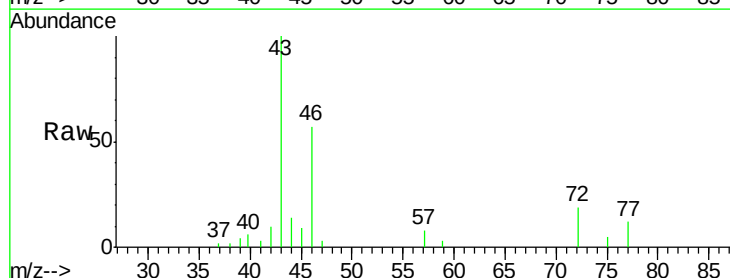
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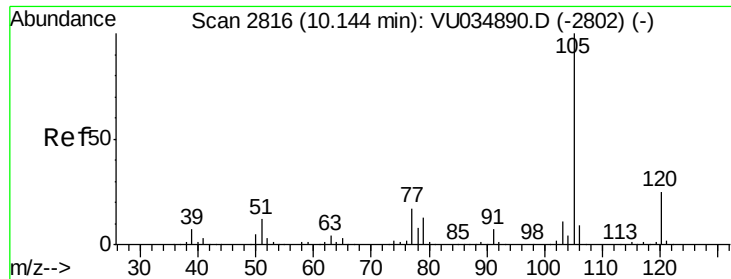
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#22
2-Butanone
Concen: 5.412 ug/L
RT: 4.25 min Scan# 984
Delta R.T. 0.02 min
Lab File: VU034895.D
Acq: 01 Oct 2019 18:10

Tgt Ion: 43 Resp: 13326
Ion Ratio Lower Upper
43 100
72 14.5 11.2 33.6





#56
Isopropylbenzene
Concen: 0.890 ug/L
RT: 10.15 min Scan# 2817
Delta R.T. 0.00 min
Lab File: VU034895.D
Acq: 01 Oct 2019 18:10

Instrument :
MSVOA_U
ClientSampleId :
BFDK3

Tot Ion	Ratio	Lower	Upper
105	100		
120	23.5	20.2	30.4
77	1.4	13.7	20.5#

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