

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100219\
 Data File : VU034897.D
 Acq On : 01 Oct 2019 18:57
 Operator : JC/SP
 Sample : K5028-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDK6

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 12:13:50 PM

Quant Time: Oct 02 02:28:16 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	347363	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	341633	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	146159	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	104194	42.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.60%
7) Chloroethane-d5	1.67	69	92800	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.74%
11) 1,1-Dichloroethene-d2	2.26	63	161412	37.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.38%
21) 2-Butanone-d5	4.15	46	266594	112.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.22%
24) Chloroform-d	4.62	84	223840	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.76%
26) 1,2-Dichloroethane-d4	5.29	65	166641	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.08%
32) Benzene-d6	5.32	84	440540	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.76%
36) 1,2-Dichloropropane-d6	6.31	67	156007	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.58%
41) Toluene-d8	7.54	98	411931	47.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.14%
43) trans-1,3-Dichloropropene-	7.83	79	69623	49.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.32%
47) 2-Hexanone-d5	8.29	63	178786	116.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.82%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	221691	48.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.08%
64) 1,2-Dichlorobenzene-d4	11.84	152	144425	49.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	89564	47.436	ug/L	96
15) Methyl Acetate	2.60	43	3262m	1.082	ug/L	
16) Methylene chloride	2.68	84	191686	1007.218	ug/L	97
22) 2-Butanone	4.25	43	30074	12.263	ug/L	90
54) o-xylene	9.76	106	3338	0.984	ug/L	100

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

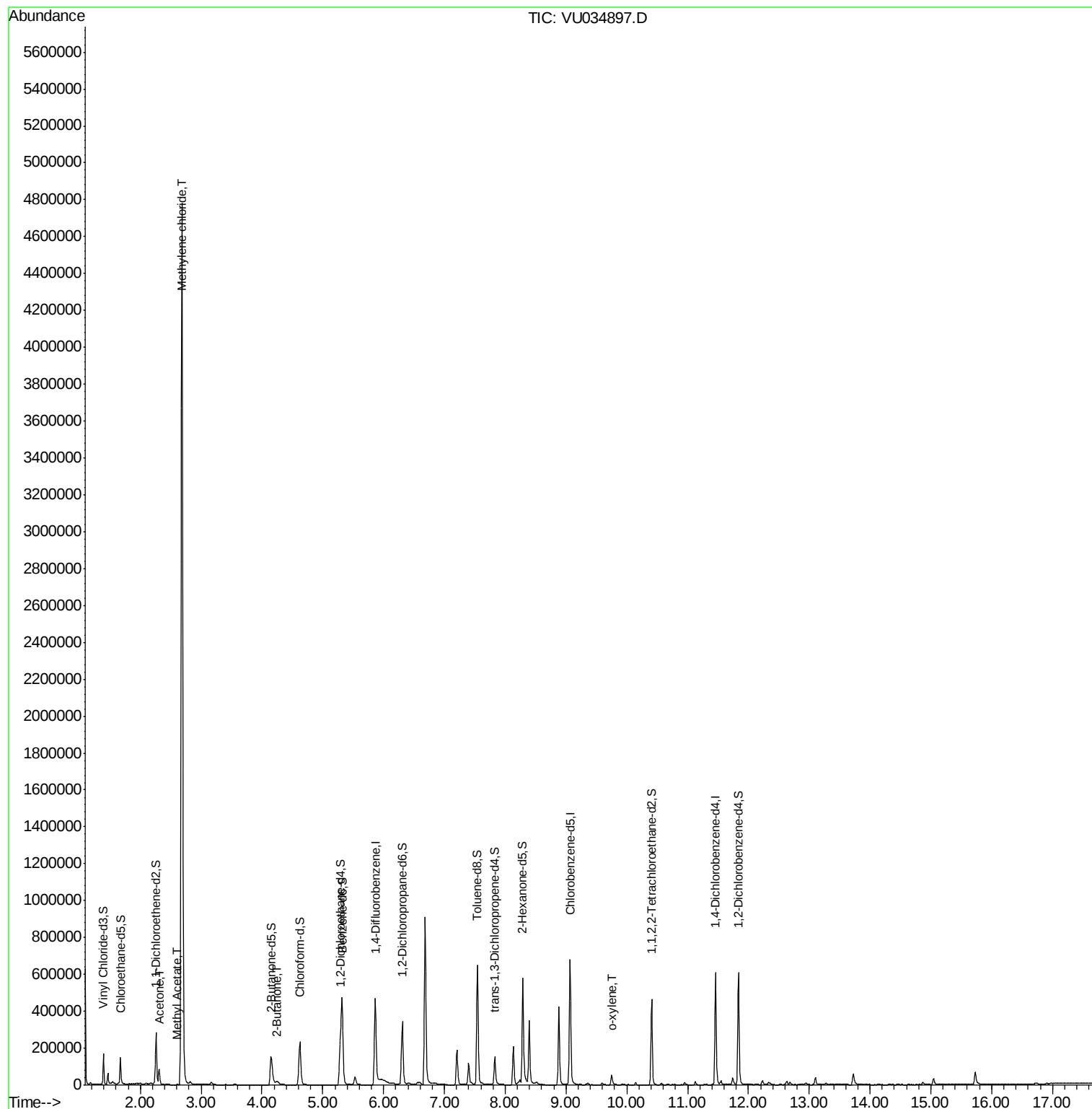
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034897.D
Acq On : 01 Oct 2019 18:57
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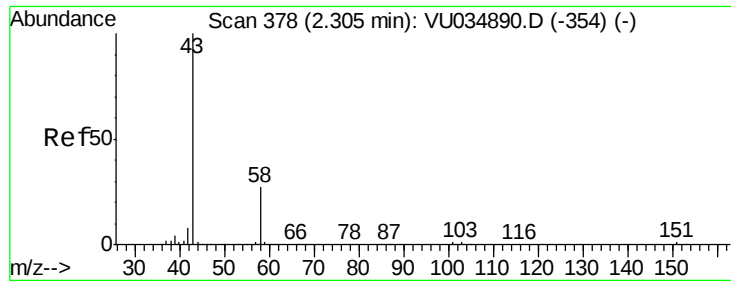
Instrument :
MSVOA_U
ClientSampleId :
BFDK6

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Quant Time: Oct 02 02:28:16 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: 47.436 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034897.D

Acq: 01 Oct 2019 18:57

Instrument :

MSVOA_U

ClientSampleId :

BFDK6

Tot Ion: 43 Resp: 89564

Ion Ratio Lower Upper

43 100

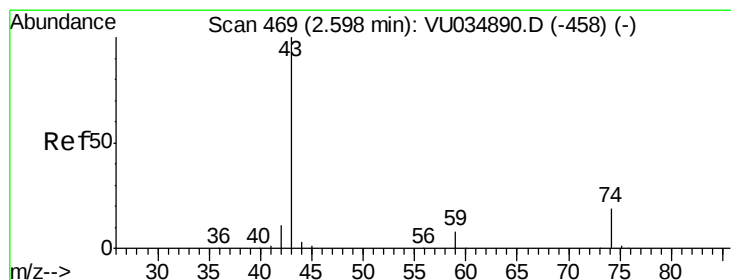
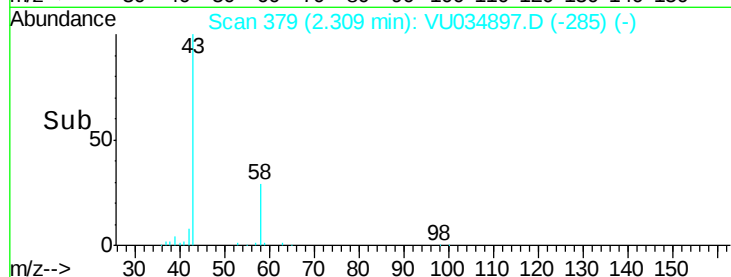
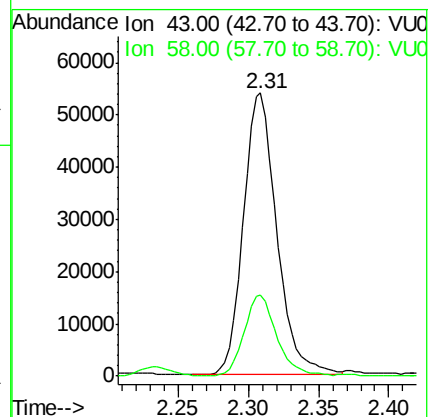
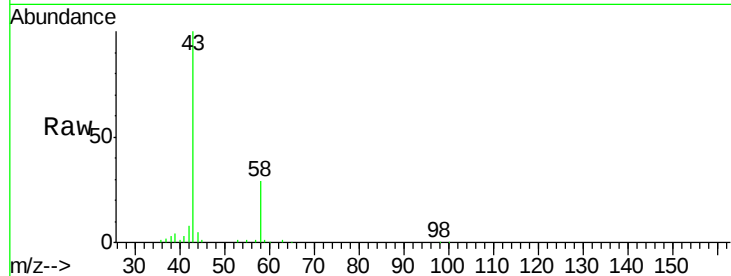
58 28.3 0.0 52.6

Manual Integrations

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#15

Methyl Acetate

Concen: 1.082 ug/L m

RT: 2.60 min Scan# 471

Delta R.T. 0.01 min

Lab File: VU034897.D

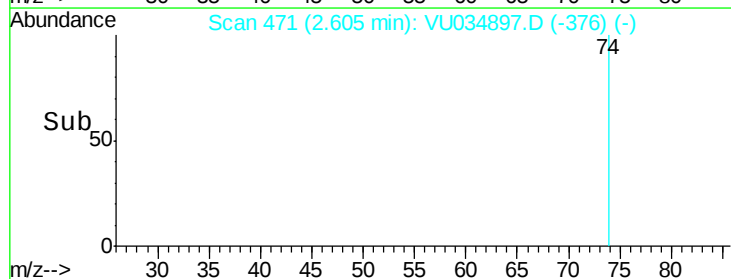
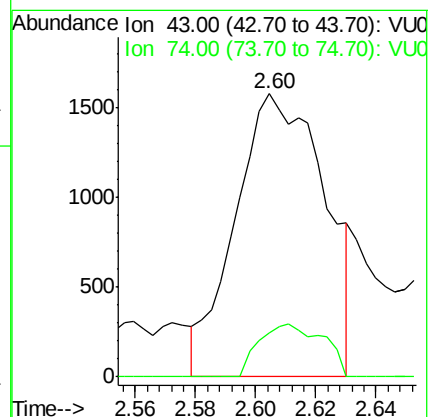
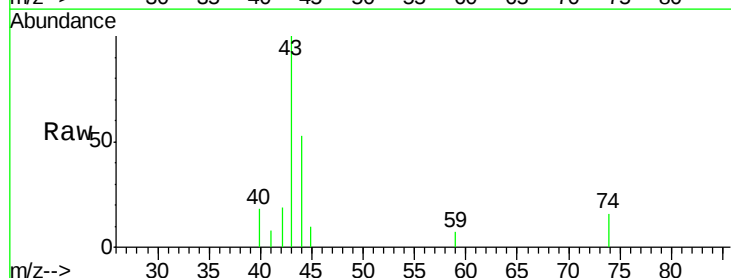
Acq: 01 Oct 2019 18:57

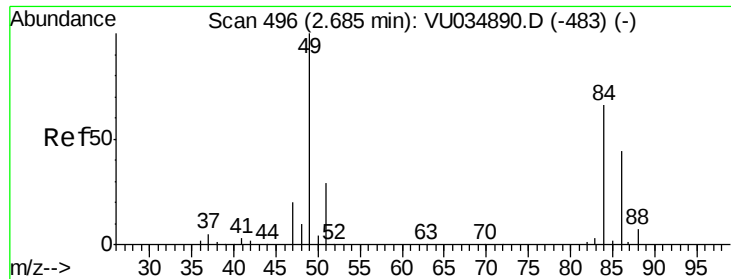
Tgt Ion: 43 Resp: 3262

Ion Ratio Lower Upper

43 100

74 9.8 15.3 22.9#





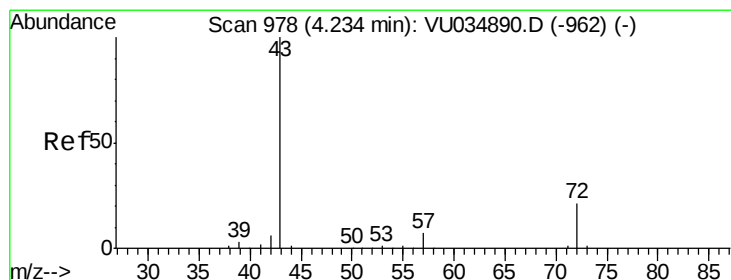
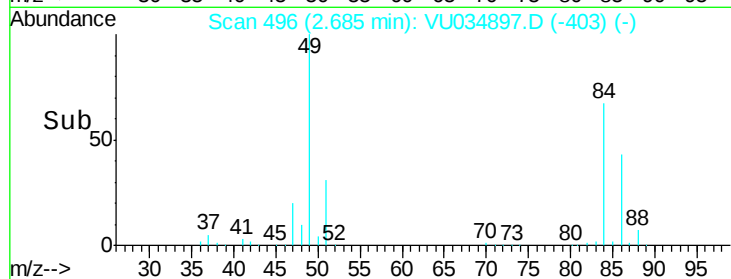
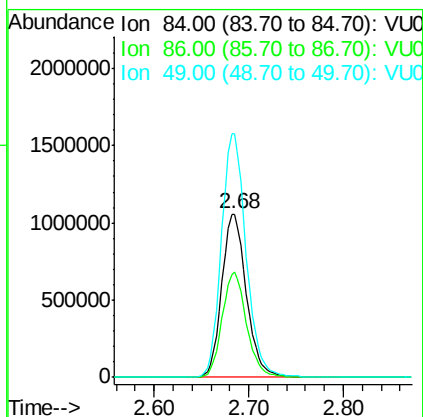
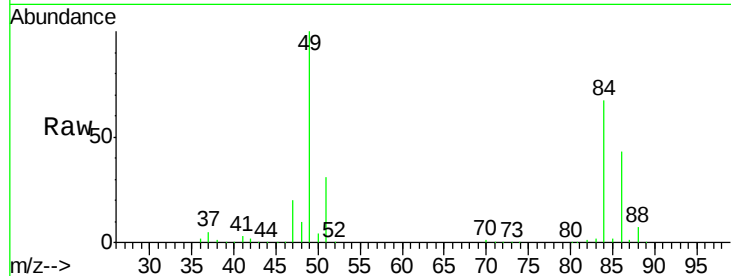
#16
Methylene chloride
Concen: 1007.218 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034897.D
Acq: 01 Oct 2019 18:57

Instrument :
MSVOA_U
ClientSampled :
BFDK6

Tot Ion: 84 Resp: 1916686
Ion Ratio Lower Upper
84 100
86 64.1 44.7 82.9
49 148.8 100.7 186.9

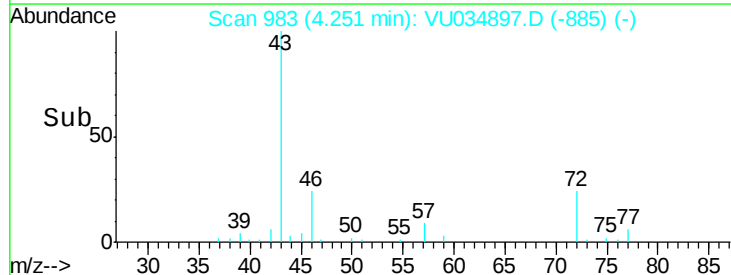
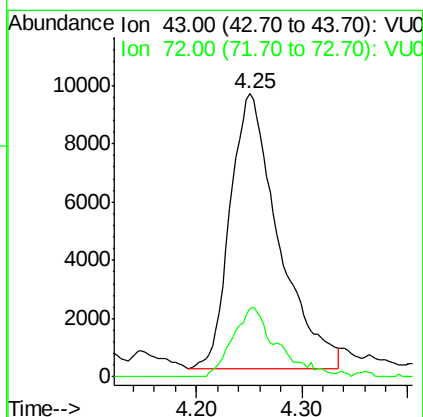
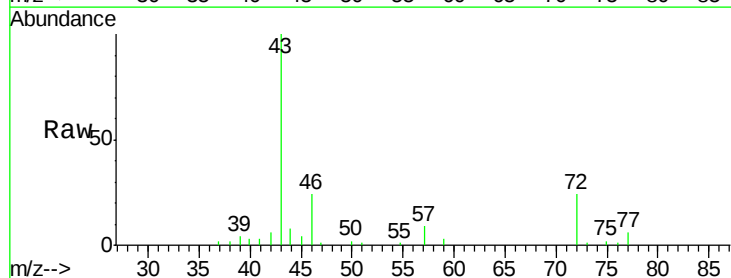
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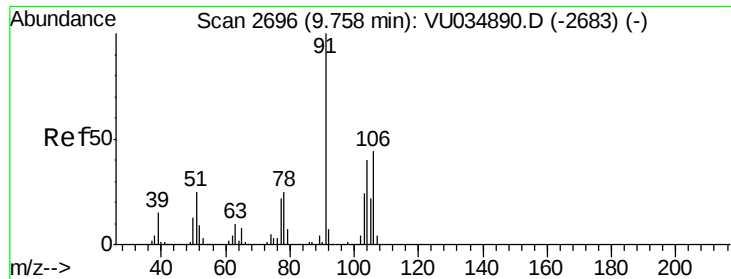
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#22
2-Butanone
Concen: 12.263 ug/L
RT: 4.25 min Scan# 983
Delta R.T. 0.02 min
Lab File: VU034897.D
Acq: 01 Oct 2019 18:57

Tgt Ion: 43 Resp: 30074
Ion Ratio Lower Upper
43 100
72 17.4 11.2 33.6





#54
o-xylene
Concen: 0.984 ug/L
RT: 9.76 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VU034897.D
Acq: 01 Oct 2019 18:57

Instrument :
MSVOA_U
ClientSampleId :
BFDK6

Tot Ion	Ratio	Resp	Lower	Upper
106	100			
91	225.4	157.8	293.0	

Manual Integrations
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