

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U092019\
 Data File : VU034723.D
 Acq On : 21 Sep 2019 05:01
 Operator : JC/SP
 Sample : K4993-03MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOH7

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 9:33:43 AM

Quant Time: Sep 21 07:02:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 21 05:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	434755	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	412423	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	176604	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	161171	36.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.42%
7) Chloroethane-d5	1.67	69	142851	41.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.06%
11) 1,1-Dichloroethene-d2	2.26	63	274999	36.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.98%
21) 2-Butanone-d5	4.15	46	334909m	98.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.18%
24) Chloroform-d	4.62	84	310552	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.29	65	230419	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
32) Benzene-d6	5.32	84	608945	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.28%
36) 1,2-Dichloropropane-d6	6.31	67	214699	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.10%
41) Toluene-d8	7.54	98	562558	46.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.52%
43) trans-1,3-Dichloropropene-	7.83	79	89934	42.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.06%
47) 2-Hexanone-d5	8.29	63	212275	94.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.59%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	293589	47.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.72%
64) 1,2-Dichlorobenzene-d4	11.84	152	180848	48.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.66%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.27	96	68587m	24.113	ug/L
33) Benzene	5.37	78	347965	24.327	ug/L
34) Trichloroethene	6.16	95	83812	23.725	ug/L
42) Toluene	7.61	91	374472	24.224	ug/L
51) Chlorobenzene	9.10	112	229272	24.398	ug/L

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

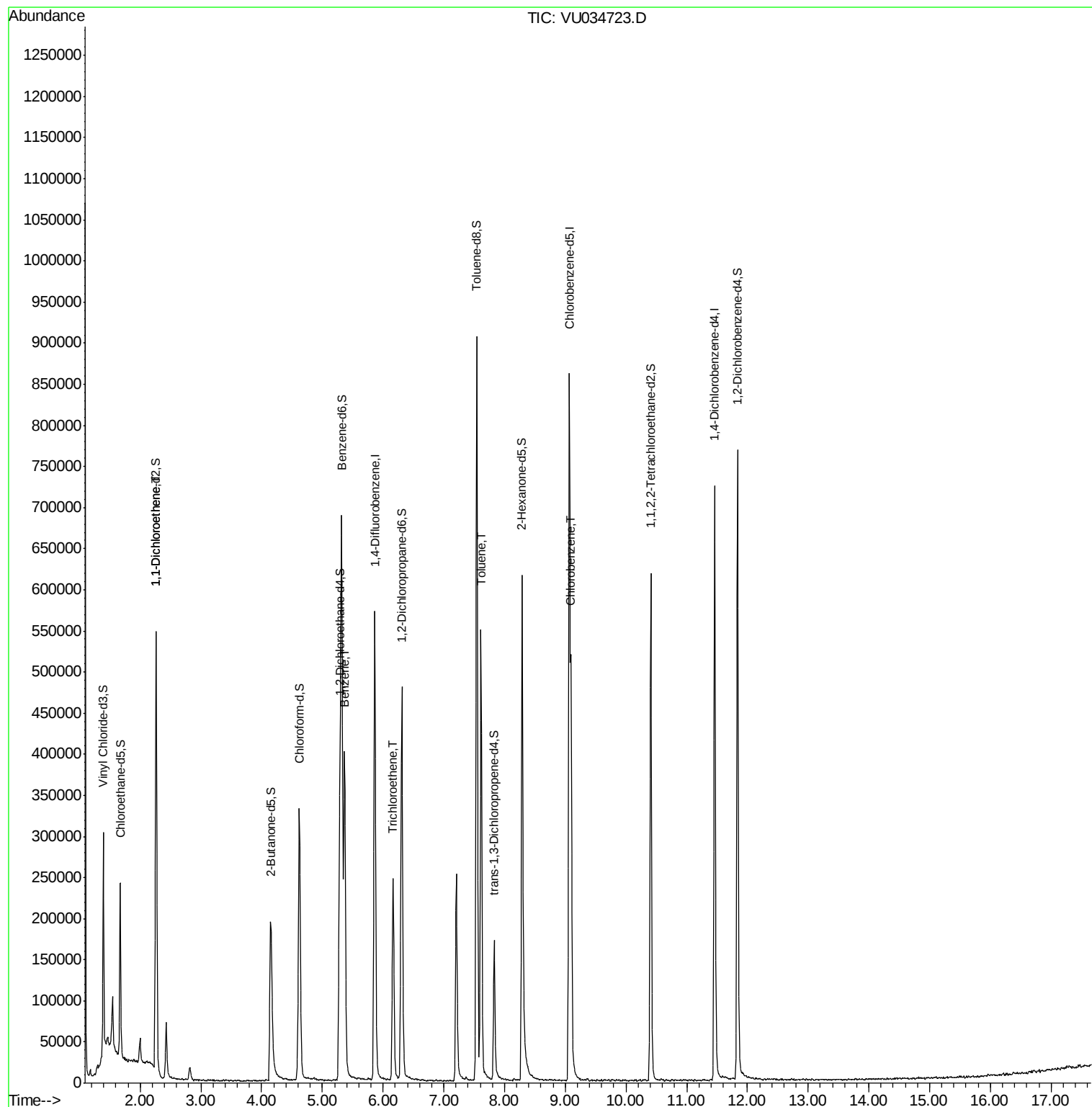
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092019\
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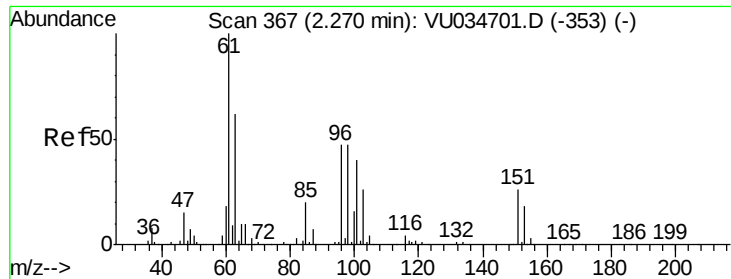
Instrument :
MSVOA_U
ClientSampleId :
ETOH7

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Quant Time: Sep 21 07:02:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 05:27:34 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 24.113 ug/L m

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU034723.D

Acq: 21 Sep 2019 05:01

Instrument :

MSVOA_U

ClientSampled :

ETOH7

Tot Ion: 96 Resp: 68587

Ion Ratio Lower Upper

96 100

61 218.6 153.2 284.4

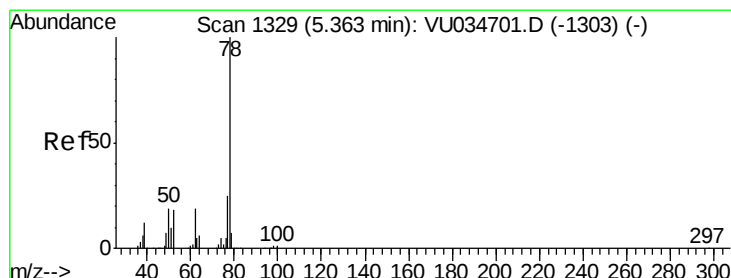
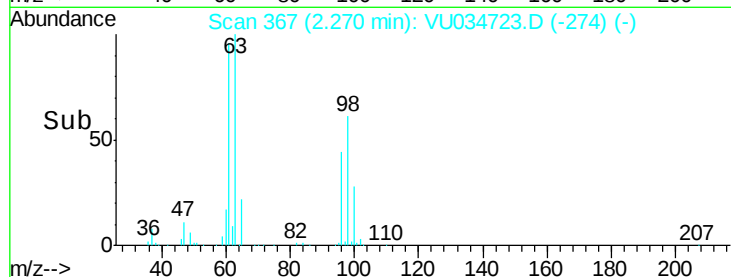
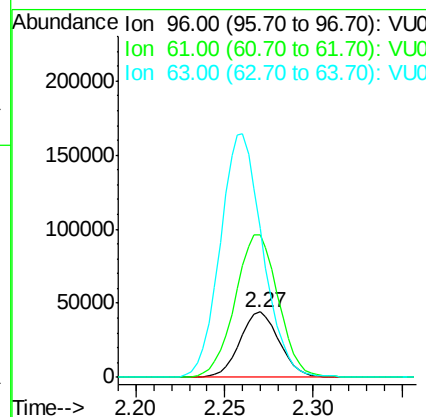
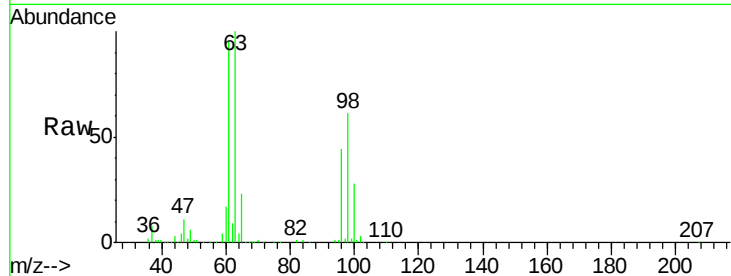
63 229.1 113.8 211.3#

Manual Integrations

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#33

Benzene

Concen: 24.327 ug/L

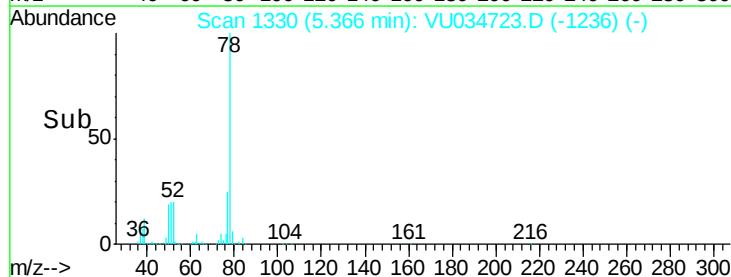
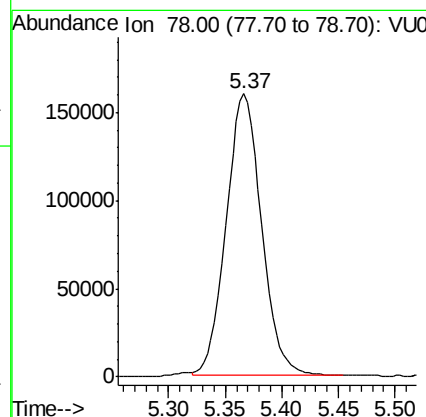
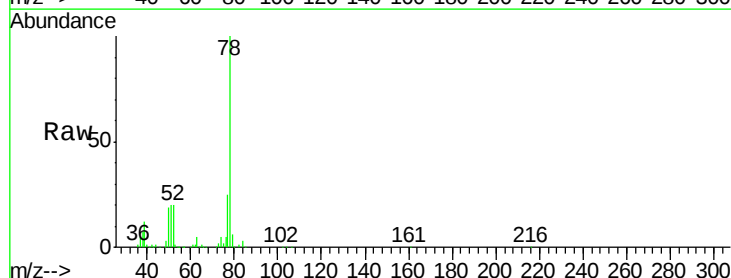
RT: 5.37 min Scan# 1330

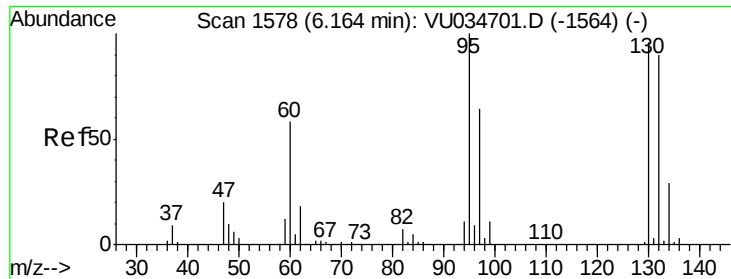
Delta R.T. 0.00 min

Lab File: VU034723.D

Acq: 21 Sep 2019 05:01

Tgt Ion: 78 Resp: 347965





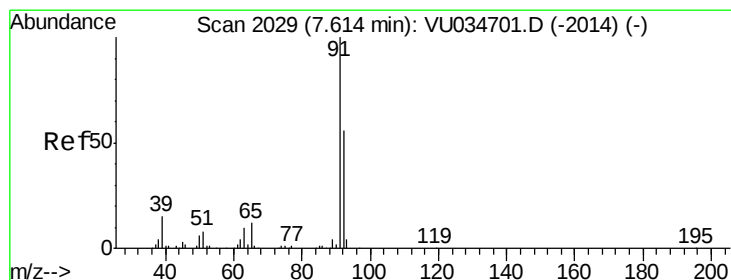
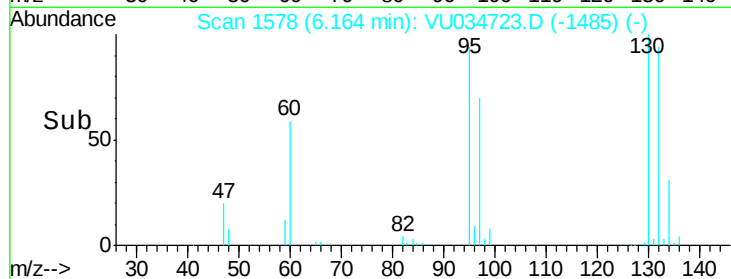
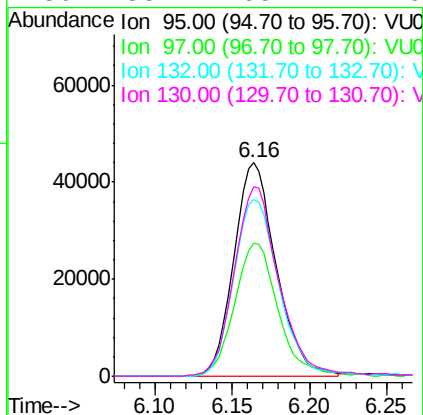
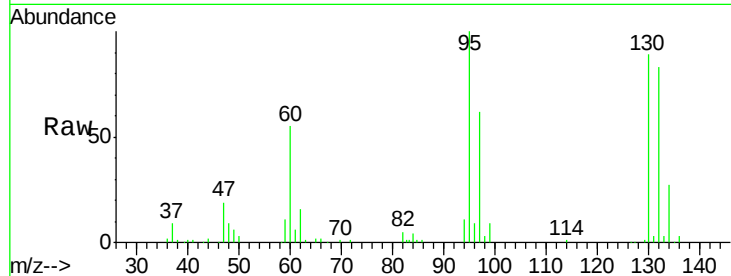
#34
 Trichloroethene
 Concen: 23.725 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU034723.D
 Acq: 21 Sep 2019 05:01

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		83812		
97	62.2	43.7	81.1		
132	83.0	61.0	113.2		
130	88.7	65.7	121.9		

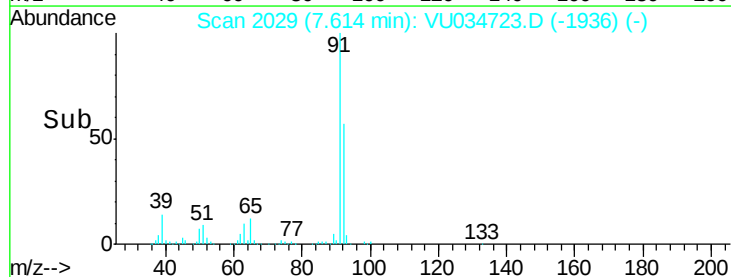
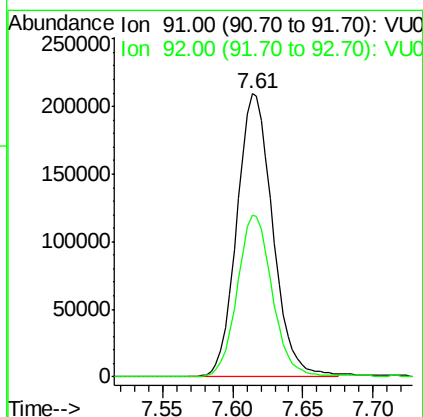
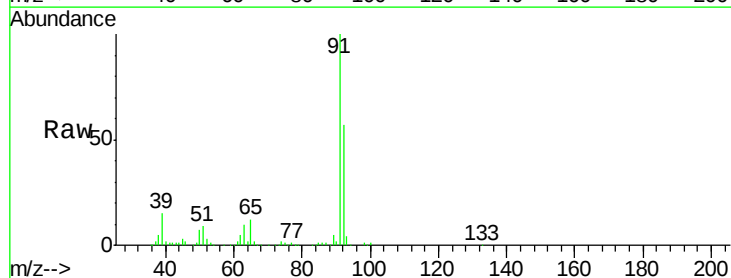
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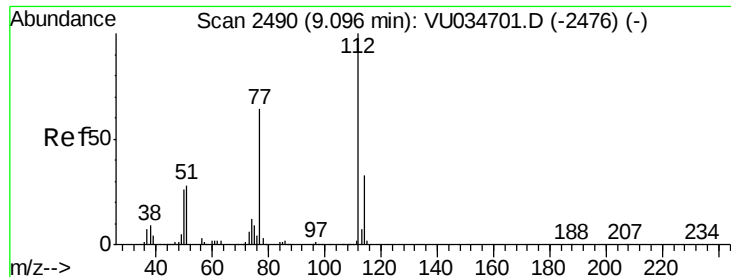
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#42
 Toluene
 Concen: 24.224 ug/L
 RT: 7.61 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VU034723.D
 Acq: 21 Sep 2019 05:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		374472		
92	57.0	38.2	71.0		





#51
 Chlorobenzene
 Concen: 24.398 ug/L
 RT: 9.10 min Scan# 2490
 Delta R.T. -0.00 min
 Lab File: VU034723.D
 Acq: 21 Sep 2019 05:01

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOH7

Tot Ion:	112	Resp:	229272
Ion Ratio	Lower	Upper	
112	100		
114	31.3	22.8	42.4
77	64.7	51.5	77.3

Manual Integrations
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