

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013351.D
 Acq On : 25 Oct 2019 17:20
 Operator : SY/MD
 Sample : K5462-21
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0G25

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 9:49:03 AM

Quant Time: Oct 26 01:49:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 26 00:57:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	394803	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	423570	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	230276	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	190229	6.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	130.80%#
7) Chloroethane-d5	1.58	69	144960	6.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.60%
11) 1,1-Dichloroethene-d2	2.13	63	231452	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.40%
20) 2-Butanone-d5	3.94	46	367684	65.78	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.56%#
24) Chloroform-d	4.40	84	337140	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.08	65	168369	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.10	84	766037	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.12	67	222837	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.36	98	638836	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.66	79	74220	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.13	63	228655	41.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	145923	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	264517	5.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.00%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	98926	2.596	ug/L 96
17) Methyl tert-butyl Ether	2.80	73	1915105	26.640	ug/L 97
19) 1,1-Dichloroethane	3.23	63	94069	1.582	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	26770	0.683	ug/L # 89
33) Benzene	5.15	78	48021m	0.297	ug/L

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

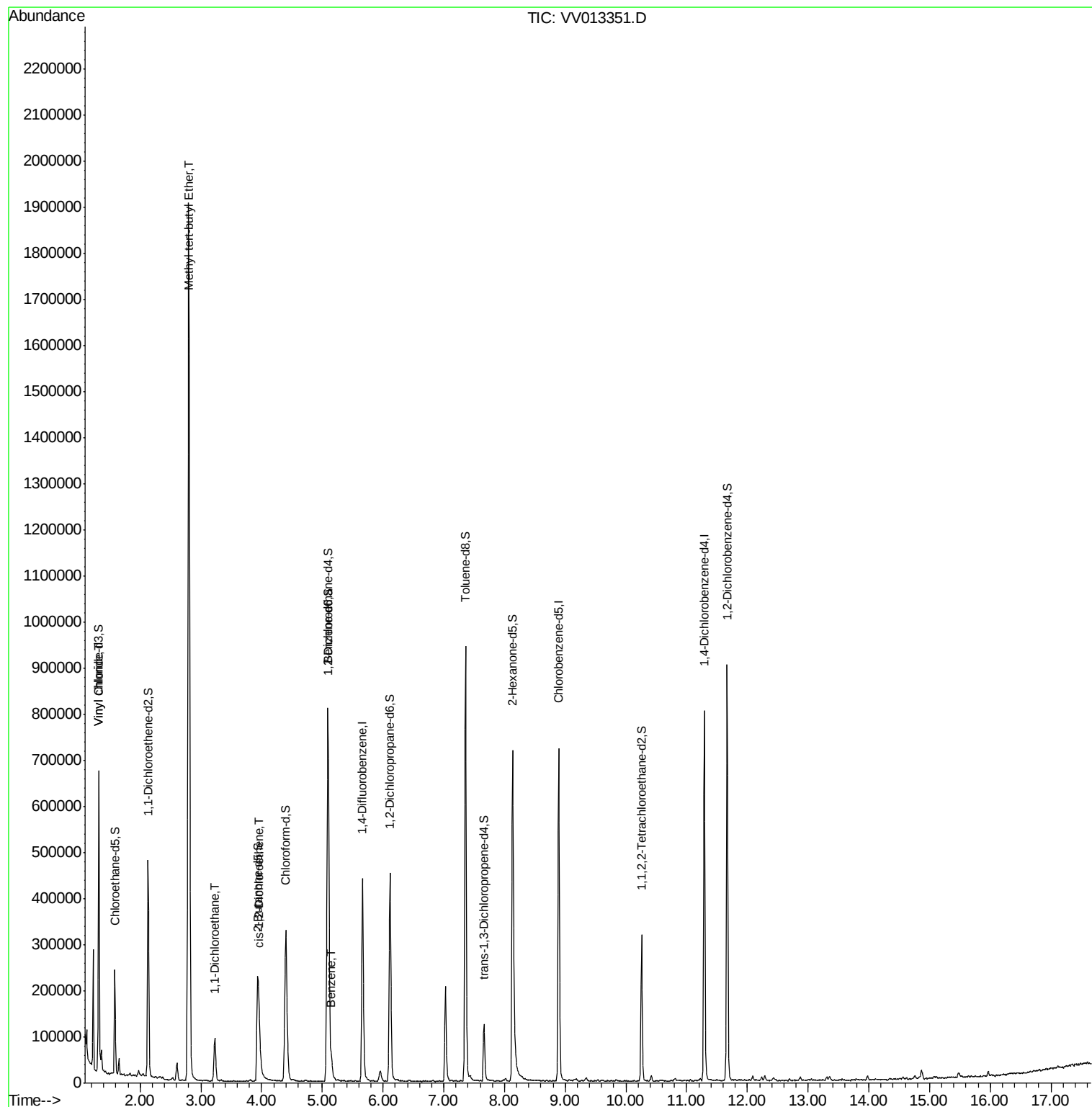
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102519\
Data File : VV013351.D
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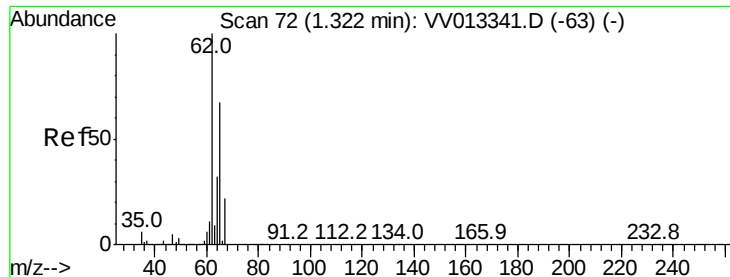
Instrument :
MSVOA_V
ClientSampleId :
H0G25

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Quant Time: Oct 26 01:49:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.596 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV013351.D

Acq: 25 Oct 2019 17:20

Instrument :

MSVOA_V

ClientSampled :

H0G25

Tot Ion: 62 Resp: 98926

Ion Ratio Lower Upper

62 100

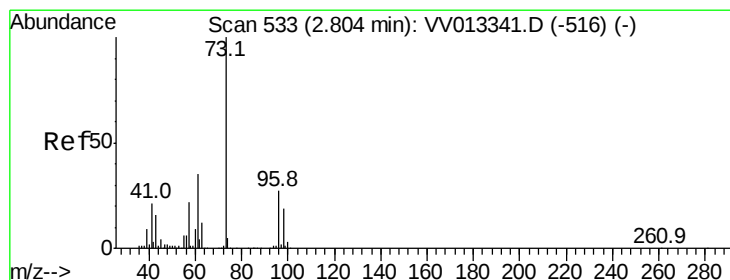
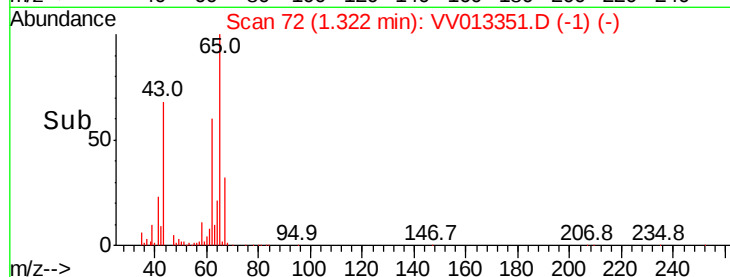
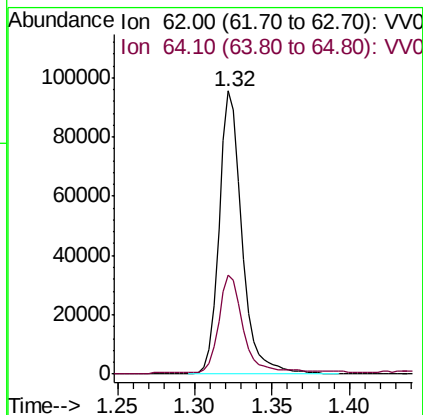
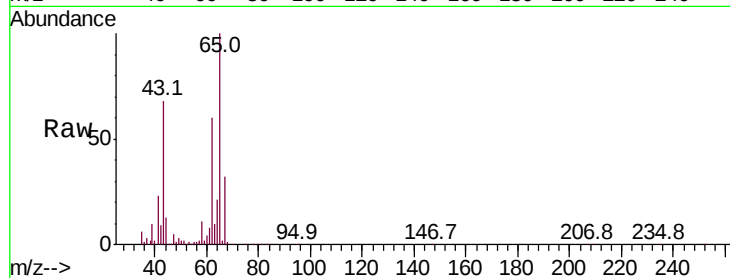
64 34.8 22.9 42.5

Manual Integrations

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#17

Methyl tert-butyl Ether

Concen: 26.640 ug/L

RT: 2.80 min Scan# 533

Delta R.T. -0.00 min

Lab File: VV013351.D

Acq: 25 Oct 2019 17:20

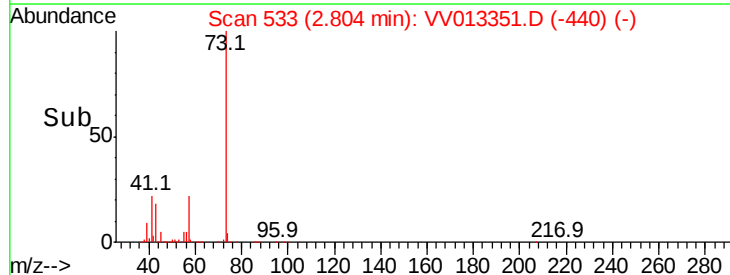
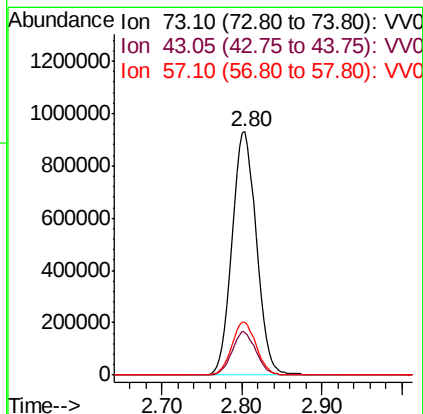
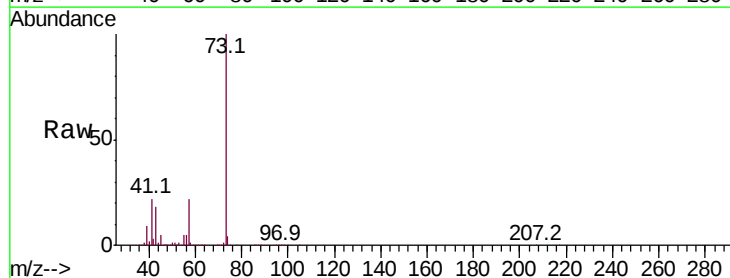
Tgt Ion: 73 Resp: 1915105

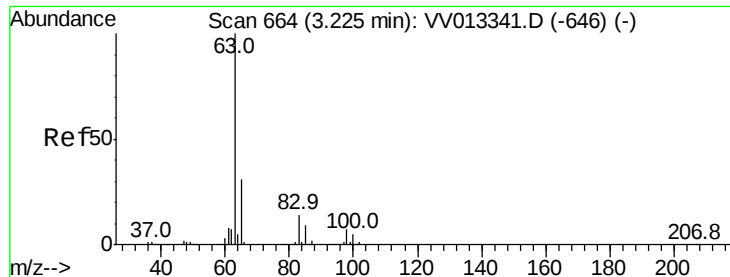
Ion Ratio Lower Upper

73 100

43 17.5 13.1 19.7

57 22.0 16.4 24.6





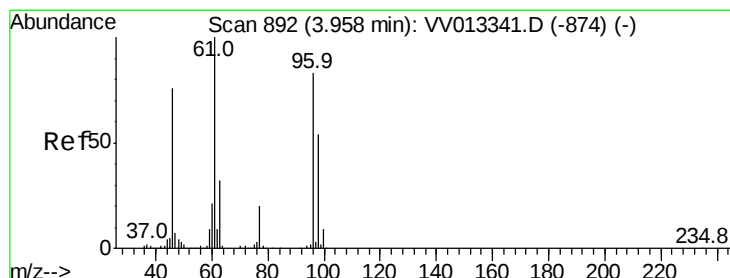
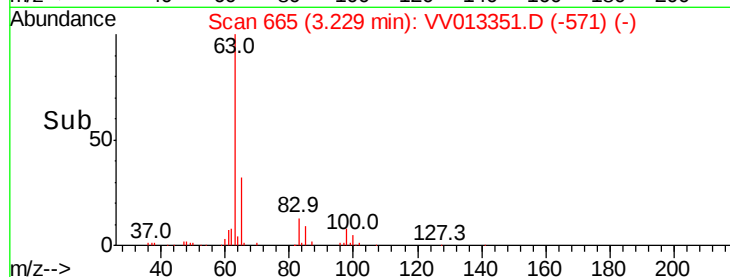
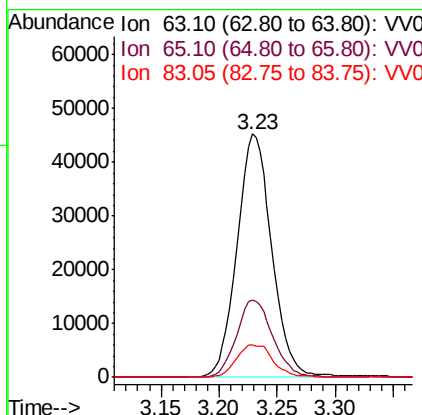
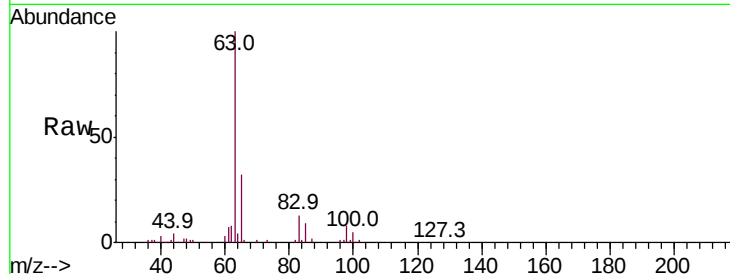
#19
 1,1-Dichloroethane
 Concen: 1.582 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: VV013351.D
 Acq: 25 Oct 2019 17:20

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Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	23.0	42.8
83	13.3	10.2	19.0

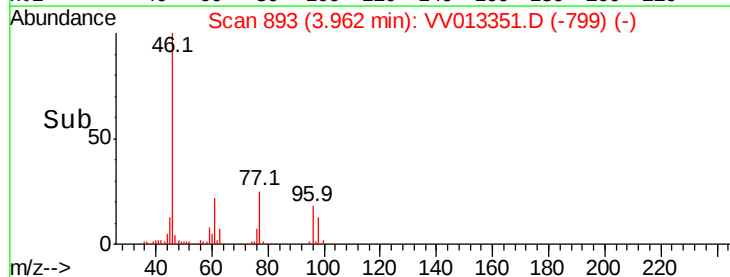
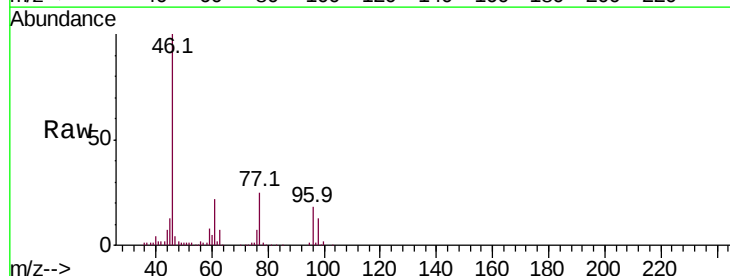
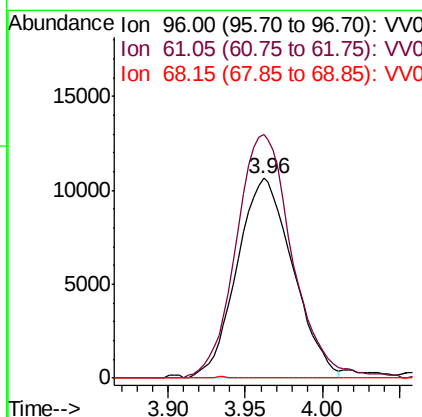
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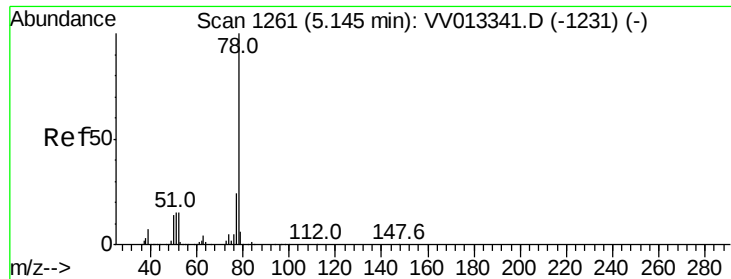
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#22
 cis-1,2-Dichloroethene
 Concen: 0.683 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV013351.D
 Acq: 25 Oct 2019 17:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	122.0	77.3	143.7
68	0.0	0.1	0.1#





#33
Benzene
Concen: 0.297 ug/L m
RT: 5.15 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VV013351.D
Acq: 25 Oct 2019 17:20

Instrument :
MSVOA_V
ClientSampleId :
H0G25

Tgt Ion: 78 Resp: 48021

Manual Integrations
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