

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\
 Data File : VV012294.D
 Acq On : 19 Aug 2019 23:09
 Operator : SY/MD
 Sample : K4373-13
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC2

Manual Integrations
 APPROVED

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 8/20/2019 12:41:42 PM

Quant Time: Aug 20 04:18:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 20 02:35:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	230333	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	220385	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	81209	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76671	6.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	130.20%#
7) Chloroethane-d5	1.58	69	47072	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.13	63	78670	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	3.93	46	204642	64.49	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.98%
24) Chloroform-d	4.40	84	152225	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.08	65	77593	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.10	84	319636	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.12	67	95207	5.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.60%
41) Toluene-d8	7.36	98	278561	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	7.66	79	33028	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.13	63	132294	59.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49304	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	106837	6.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	130.80%#

Target Compounds					Ovalue
3) Chloromethane	1.25	50	2672	0.186 ug/L	97
13) Acetone	2.19	43	4932m	2.971 ug/L	
17) Methyl tert-butyl Ether	2.81	73	3450	0.102 ug/L #	80

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

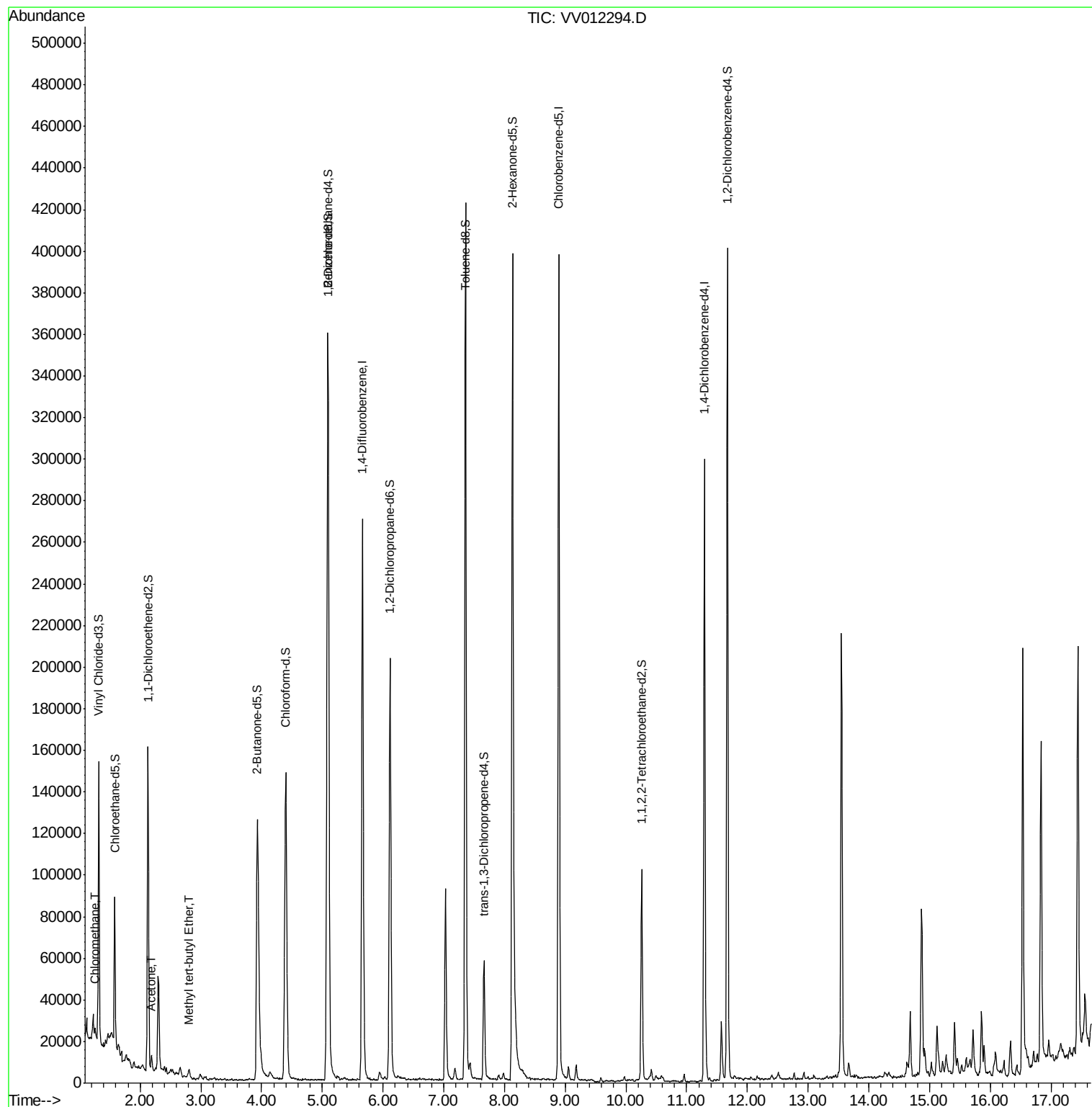
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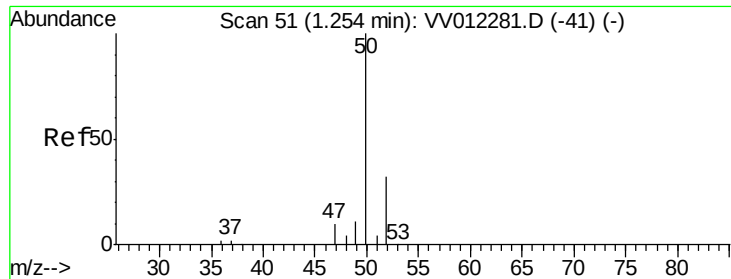
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#3

Chloromethane

Concen: 0.186 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV012294.D

Acq: 19 Aug 2019 23:09

Instrument :

MSVOA_V

ClientSampled :

C0AC2

Tot Ion: 50 Resp: 2672

Ion Ratio Lower Upper

50 100

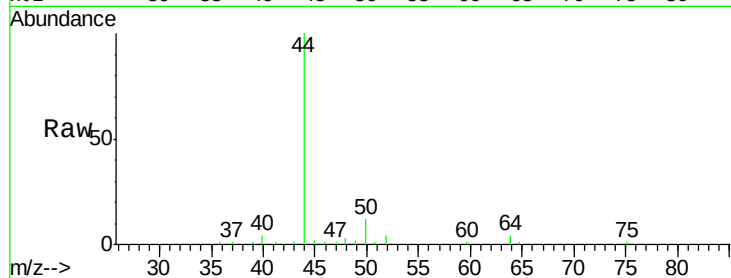
52 34.0 22.6 42.0

Manual Integrations

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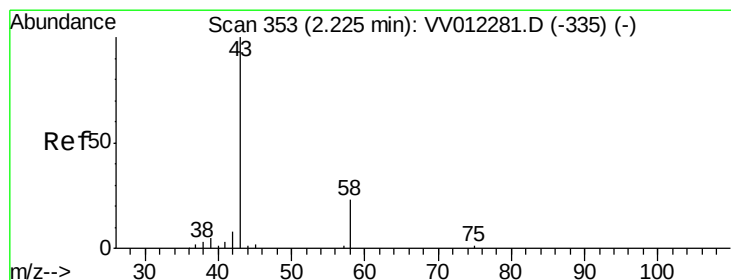
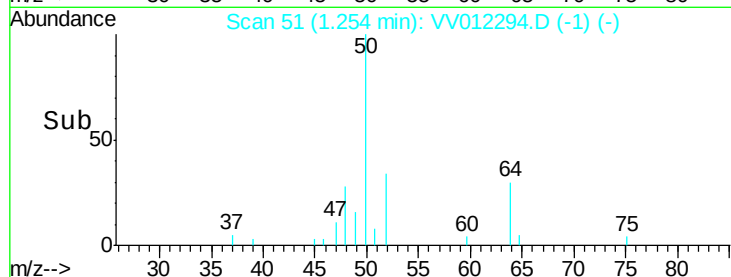
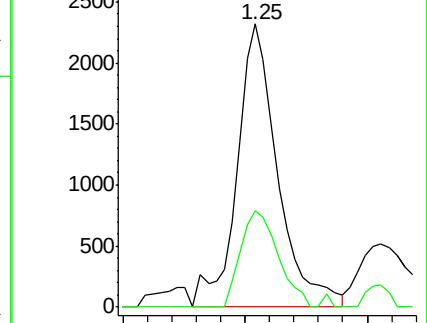
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Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 2.971 ug/L m

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV012294.D

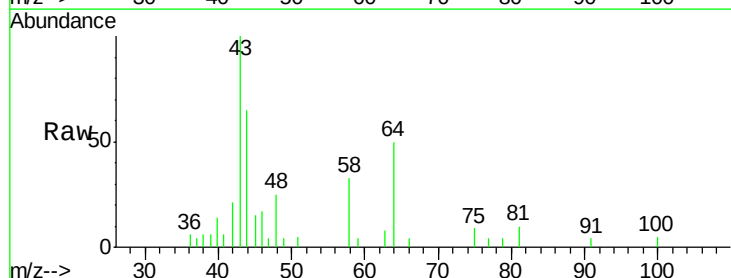
Acq: 19 Aug 2019 23:09

Tgt Ion: 43 Resp: 4932

Ion Ratio Lower Upper

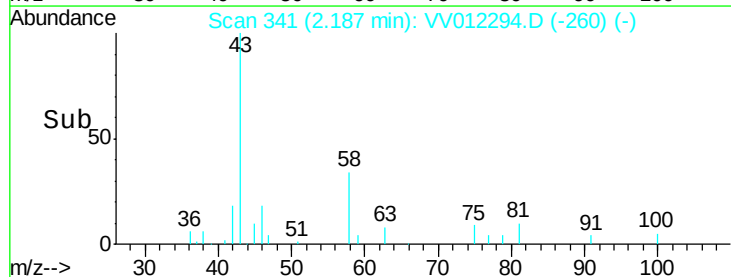
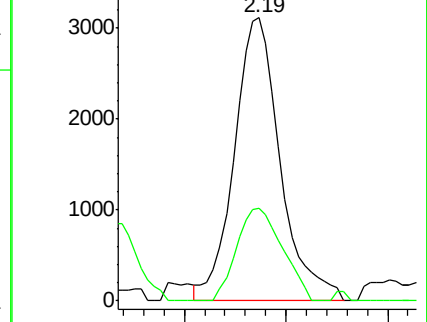
43 100

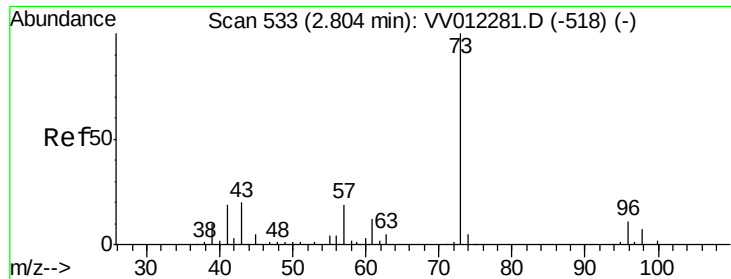
58 6.7 0.0 25.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#17
 Methvl tert-butvl Ether
 Concen: 0.102 ug/L
 RT: 2.81 min Scan# 534
 Delta R.T. 0.00 min
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Tot Ion	Ratio	Lower	Upper
73	100		
43	30.1	17.0	25.4#
57	29.2	15.8	23.6#

Manual Integrations
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