

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082619\
 Data File : VV012403.D
 Acq On : 26 Aug 2019 15:26
 Operator : SY/MD
 Sample : K4500-10DL 4X
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GANK4DL

Manual Integrations
 APPROVED

MMDadoda
 8/27/2019 8:27:31 AM

Quant Time: Aug 27 03:53:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 27 02:19:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	226055	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	222322	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87446	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52270	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.58	69	36996	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.13	63	68258	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	3.96	46	149632	49.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.28%
24) Chloroform-d	4.40	84	123036	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.08	65	62214	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.10	84	250562	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.12	67	78364	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.36	98	202159	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.67	79	25834	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.14	63	76888	39.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44469	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	71659	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds					Ovalue
13) Acetone	2.21	43	27928	21.202 ug/L	99
21) 2-Butanone	4.06	43	3767m	1.218 ug/L	
47) Tetrachloroethene	8.02	164	131291	10.635 ug/L	98

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

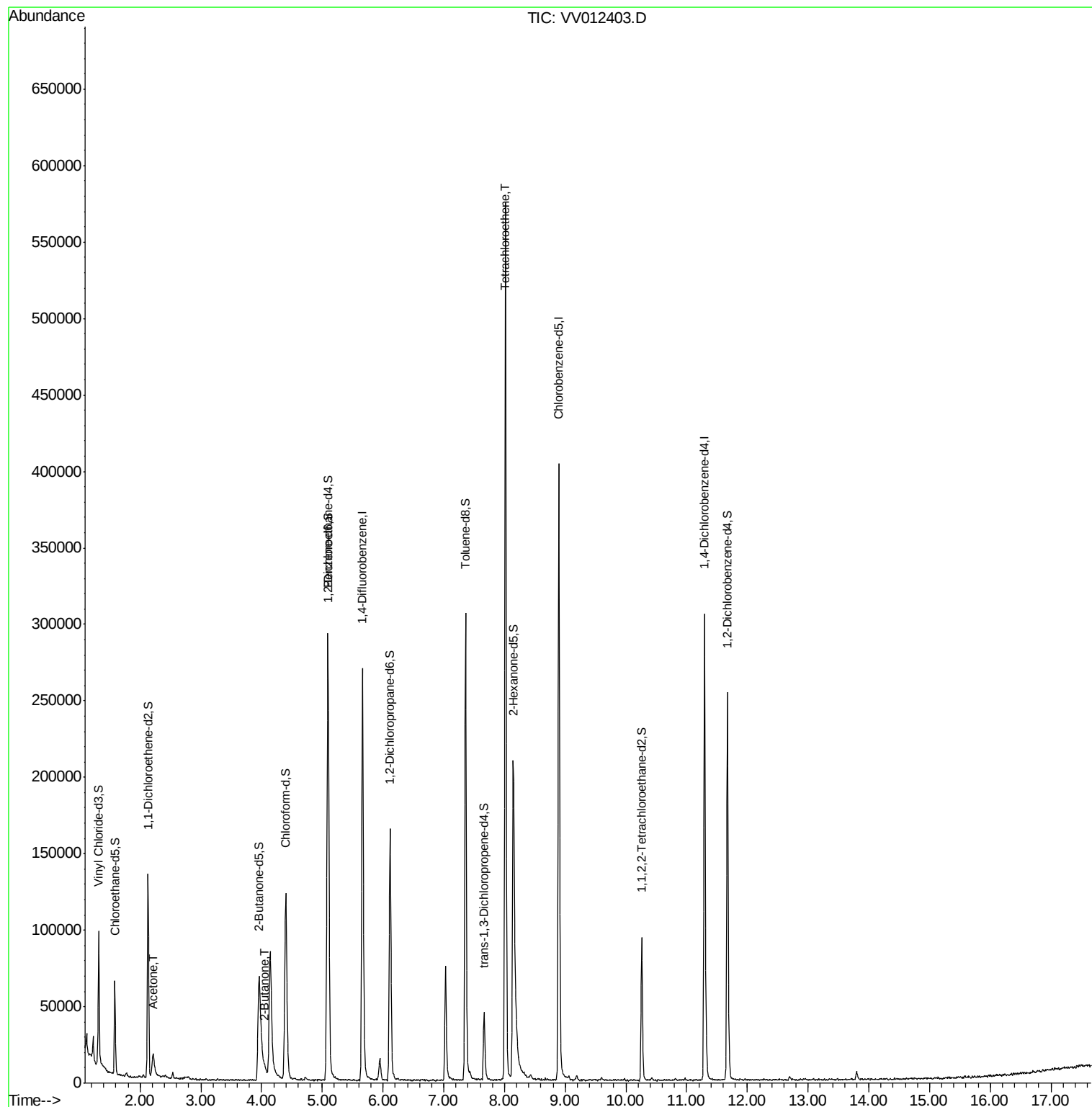
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV082619\
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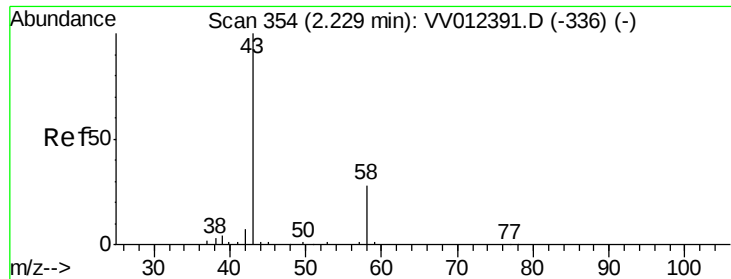
Instrument :
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#13

Acetone

Concen: 21.202 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.02 min

Lab File: VV012403.D

Acq: 26 Aug 2019 15:26

Instrument :

MSVOA_V

ClientSampled :

GANK4DL

Tot Ion: 43 Resp: 27928

Ion Ratio Lower Upper

43 100

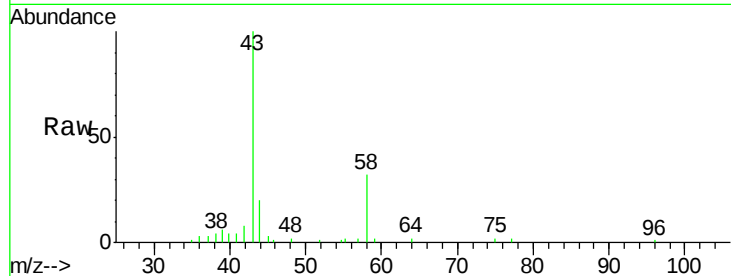
58 30.9 0.0 62.8

Manual Integrations

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Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.21

10000

8000

6000

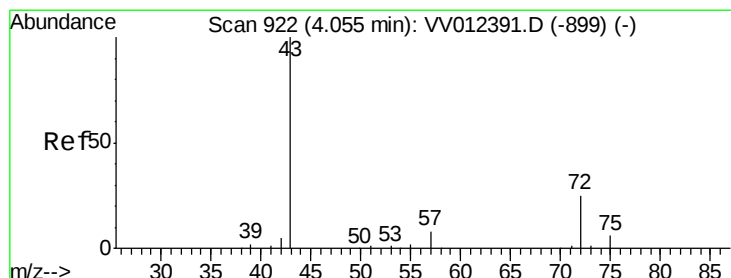
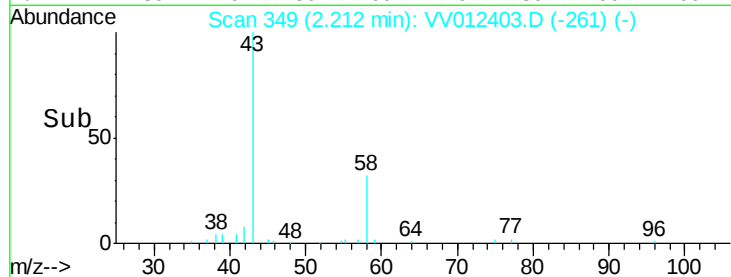
4000

2000

0

Time-->

2.10 2.20 2.30 2.40



#21

2-Butanone

Concen: 1.218 ug/L m

RT: 4.06 min Scan# 923

Delta R.T. 0.00 min

Lab File: VV012403.D

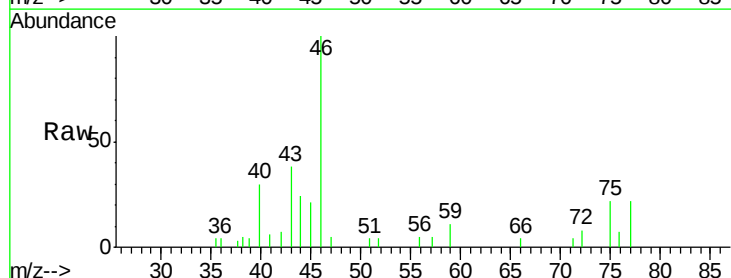
Acq: 26 Aug 2019 15:26

Tgt Ion: 43 Resp: 3767

Ion Ratio Lower Upper

43 100

72 2.9 12.2 36.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

40000

30000

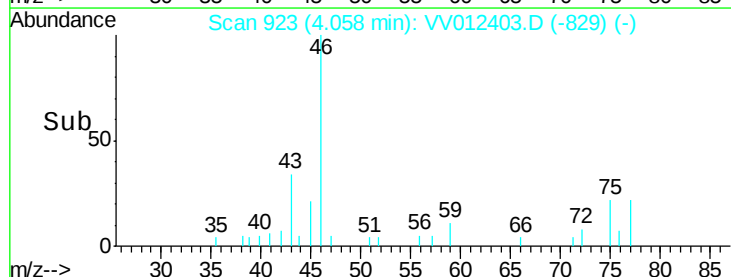
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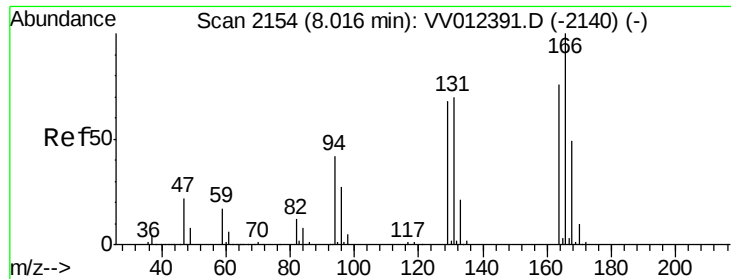
10000

0

Time-->

4.00 4.05 4.10





#47
 Tetrachloroethene
 Concen: 10.635 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV012403.D
 Acq: 26 Aug 2019 15:26

Instrument :
 MSVOA_V
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Tot Ion	Ratio	Resp Lower	Resp Upper
164	100		
129	88.7	60.6	112.6
131	86.4	58.8	109.2
166	128.1	87.6	162.8

Manual Integrations
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