

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
 Data File : VV011079.D
 Acq On : 28 May 2019 22:40
 Operator : SY/MD
 Sample : K3016-07
 Misc : 4.66G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51C6

Manual Integrations
 APPROVED

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 5/29/2019 3:43:38 PM

Quant Time: May 29 04:01:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 02:15:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	428001	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	381714	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	144935	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	146345	24.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.76%		
7) Chloroethane-d5	1.56	69	110844	26.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	105.88%		
10) 1,1-Dichloroethene-d2	2.12	63	225086m	20.62	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	82.48%		
20) 2-Butanone-d5	3.94	46	143469	70.94	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	141.88%#		
24) Chloroform-d	4.40	84	296915	28.61	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	114.44%		
26) 1,2-Dichloroethane-d4	5.08	65	190511	28.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	114.84%		
29) Benzene-d6	5.09	84	629317	28.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	112.64%		
33) 1,2-Dichloropropane-d6	6.12	67	204889	28.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	115.24%		
37) Toluene-d8	7.36	98	558059	27.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	108.36%		
38) trans-1,3-Dichloropropene-	7.66	79	92074	27.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	111.16%		
39) 2-Hexanone-d5	8.13	63	114823	74.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	148.24%#		
48) 1,1,2,2-Tetrachloroethane-	10.26	84	189757	31.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	124.12%#		
61) 1,2-Dichlorobenzene-d4	11.67	152	151571	26.45	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	105.80%		
Target Compounds						
13) Acetone	2.19	43	64069	27.964	ug/L	100
15) Methyl Acetate	2.46	43	25385	7.676	ug/L #	100
21) 2-Butanone	4.04	43	8591	3.045	ug/L	98

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

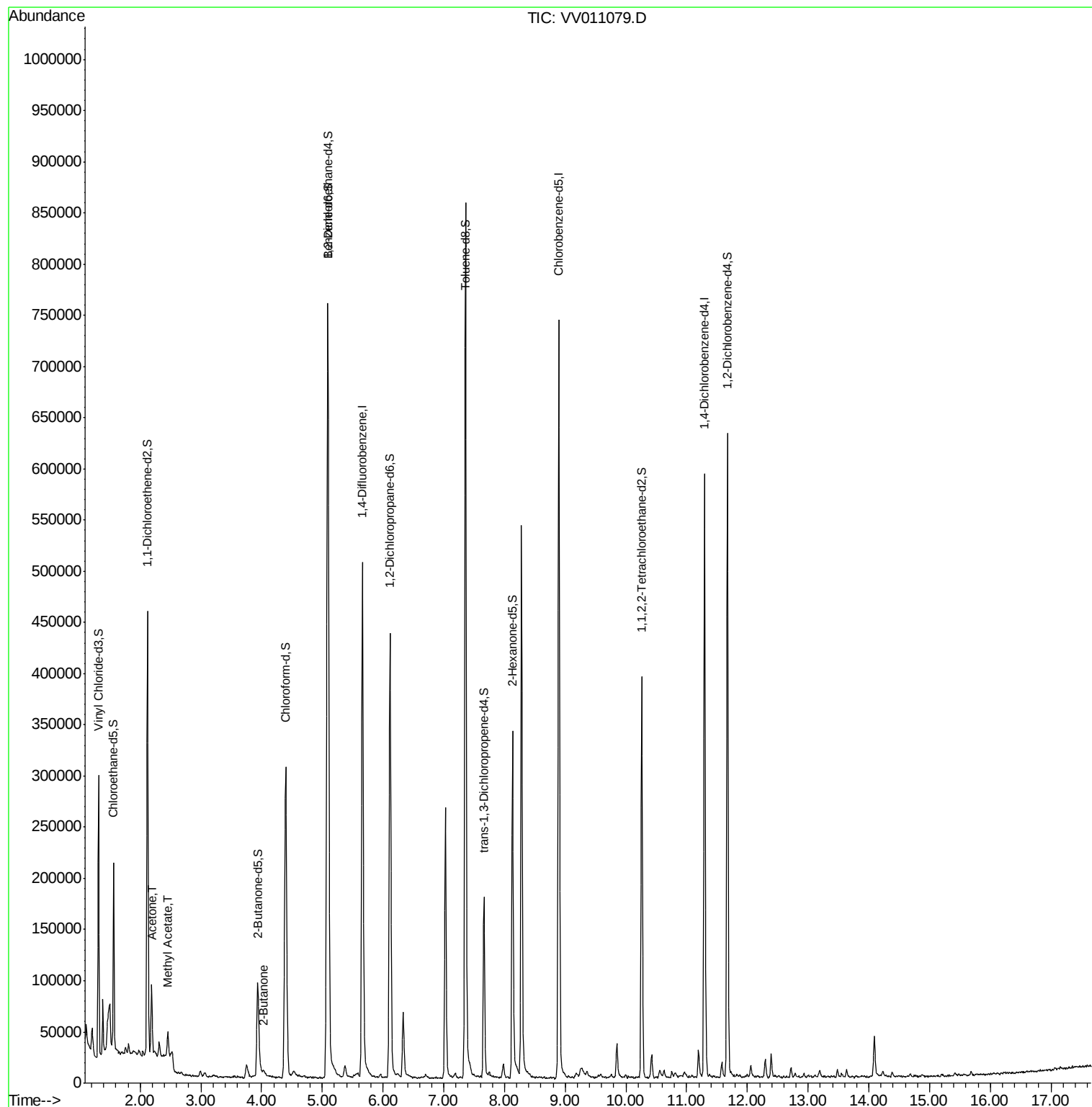
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052819\
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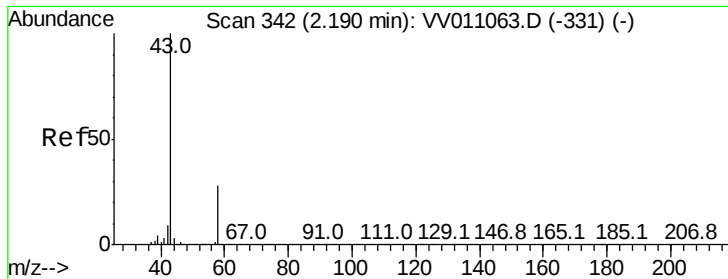
Instrument :
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Quant Time: May 29 04:01:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
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QLast Update : Wed May 29 02:15:20 2019
Response via : Initial Calibration





#13

Acetone

Concen: 27.964 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV011079.D

Acq: 28 May 2019 22:40

Instrument :

MSVOA_V

ClientSampleId :

A51C6

Tot Ion: 43 Resp: 64069

Ion Ratio Lower Upper

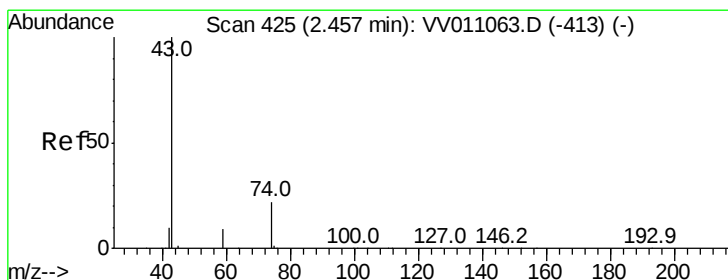
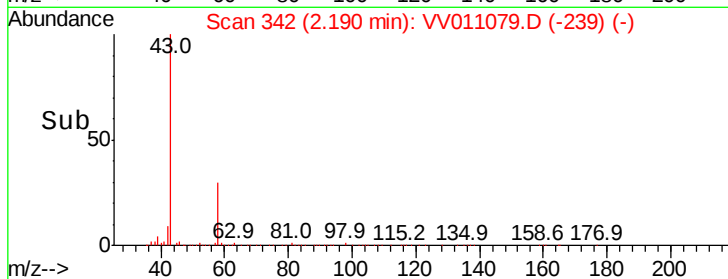
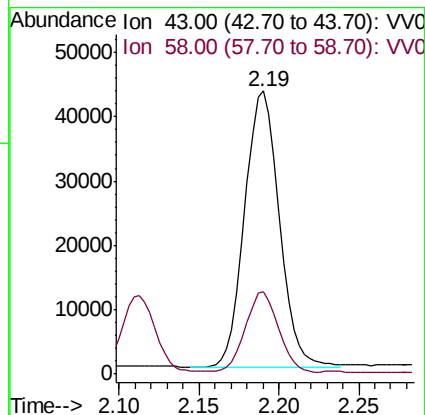
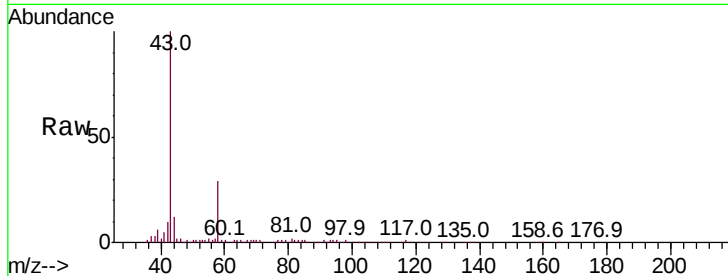
43 100

58 27.5 0.0 54.8

Manual Integrations
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#15

Methyl Acetate

Concen: 7.676 ug/L

RT: 2.46 min Scan# 425

Delta R.T. -0.00 min

Lab File: VV011079.D

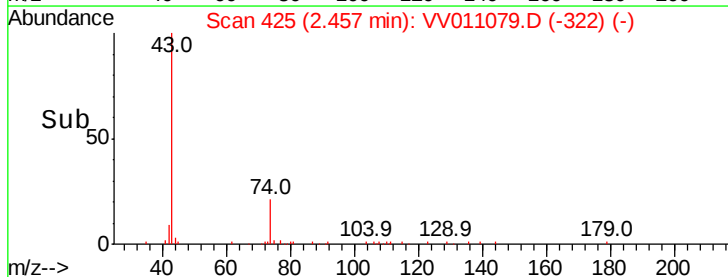
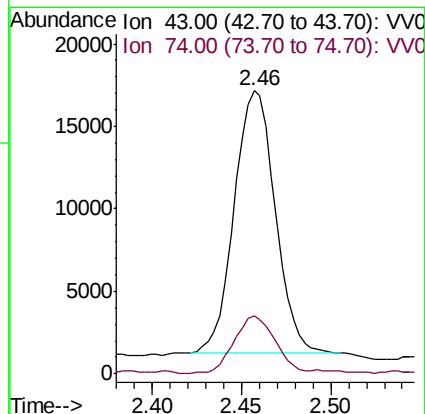
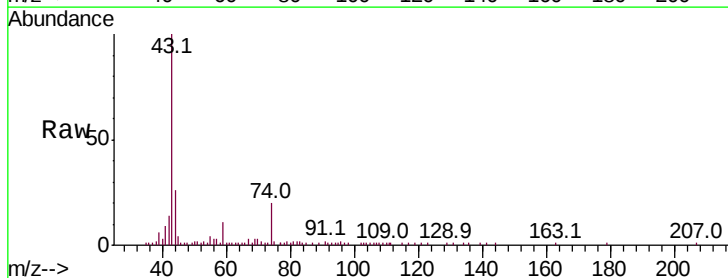
Acq: 28 May 2019 22:40

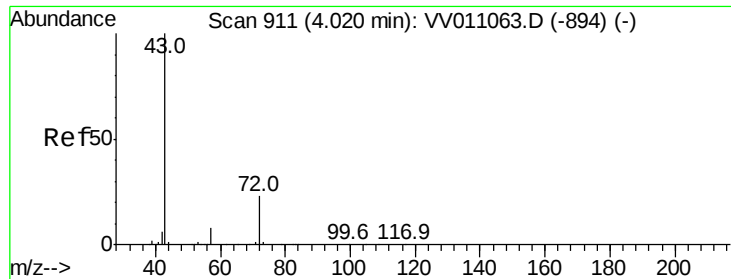
Tgt Ion: 43 Resp: 25385

Ion Ratio Lower Upper

43 100

74 21.7 0.0 0.0#





#21
 2-Butanone
 Concen: 3.045 ug/L
 RT: 4.04 min Scan# 916
 Delta R.T. 0.02 min
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Tot Ion	Ratio	Lower	Upper
43	100		
72	20.1	10.7	31.9

Manual Integrations
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