

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052919\
 Data File : VV011120.D
 Acq On : 29 May 2019 23:17
 Operator : SY/MD
 Sample : K3017-10
 Misc : 4.22G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51E3

Manual Integrations
 APPROVED

MMDadoda
 6/1/2019 4:43:57 AM

Quant Time: May 30 05:25:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 30 04:49:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	287525	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	255030	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93638	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87720	22.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.00%
7) Chloroethane-d5	1.57	69	69863	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.32%
10) 1,1-Dichloroethene-d2	2.12	63	136545m	18.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.48%
20) 2-Butanone-d5	3.94	46	95772	70.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.98%#
24) Chloroform-d	4.40	84	173581	24.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.56%
26) 1,2-Dichloroethane-d4	5.08	65	118410	26.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.24%
29) Benzene-d6	5.10	84	360934	24.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.68%
33) 1,2-Dichloropropane-d6	6.12	67	117904	24.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.28%
37) Toluene-d8	7.36	98	311138	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.40%
38) trans-1,3-Dichloropropene-	7.66	79	50702	22.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.64%
39) 2-Hexanone-d5	8.13	63	77658	75.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.06%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	117714	28.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	84696	22.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.48%

Target Compounds					Ovalue
13) Acetone	2.19	43	66534	43.227 ug/L	98
15) Methyl Acetate	2.46	43	60967	27.443 ug/L #	100
21) 2-Butanone	4.04	43	5327	2.810 ug/L #	70

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

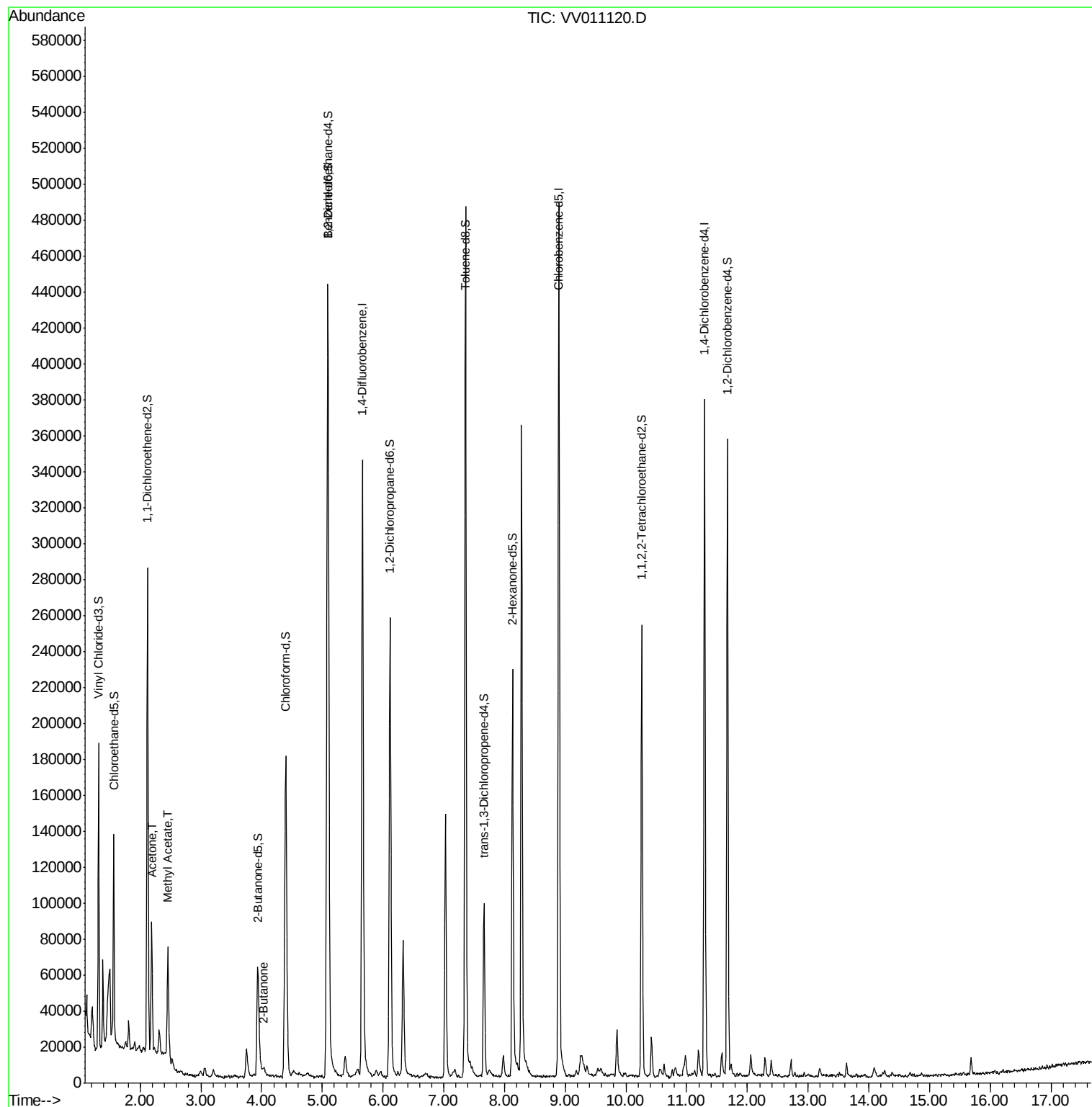
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052919\
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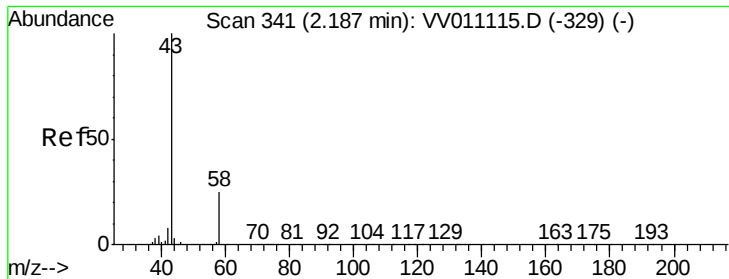
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#13

Acetone

Concen: 43.227 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV011120.D

Acq: 29 May 2019 23:17

Instrument :

MSVOA_V

ClientSampleId :

A51E3

Tot Ion: 43 Resp: 66534

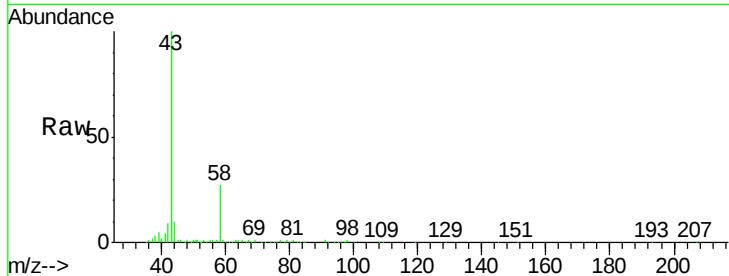
Ion Ratio Lower Upper

43 100

58 28.3 0.0 54.8

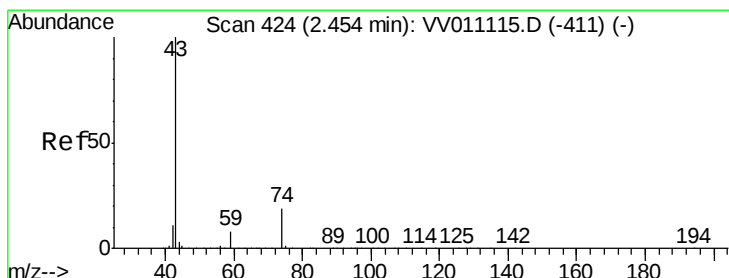
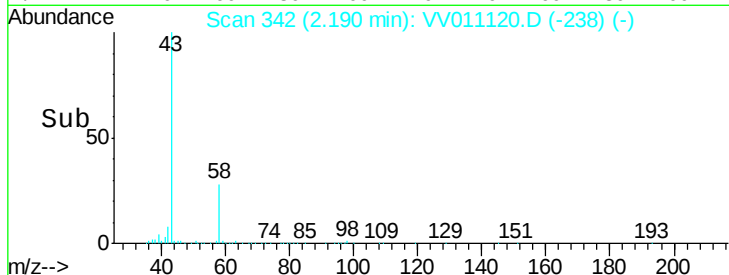
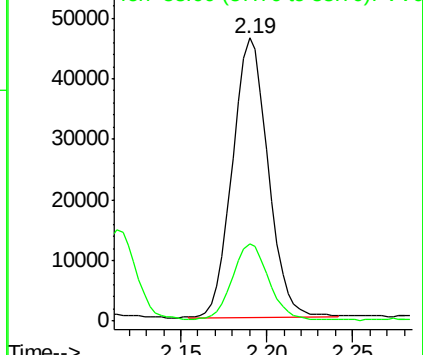
Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#15

Methyl Acetate

Concen: 27.443 ug/L

RT: 2.46 min Scan# 425

Delta R.T. 0.00 min

Lab File: VV011120.D

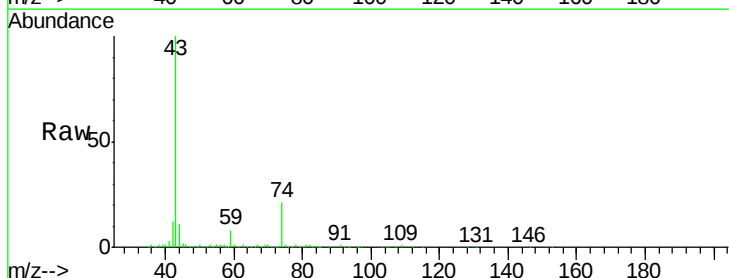
Acq: 29 May 2019 23:17

Tgt Ion: 43 Resp: 60967

Ion Ratio Lower Upper

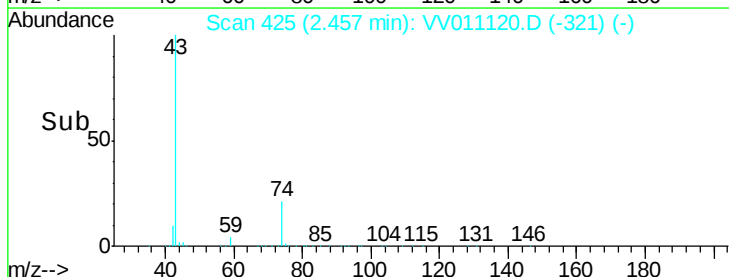
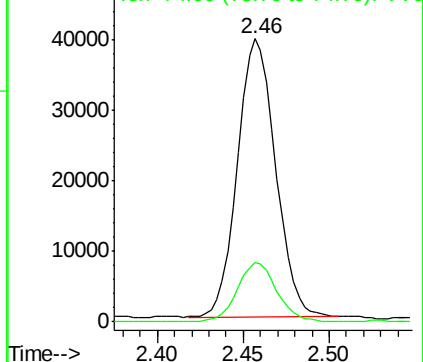
43 100

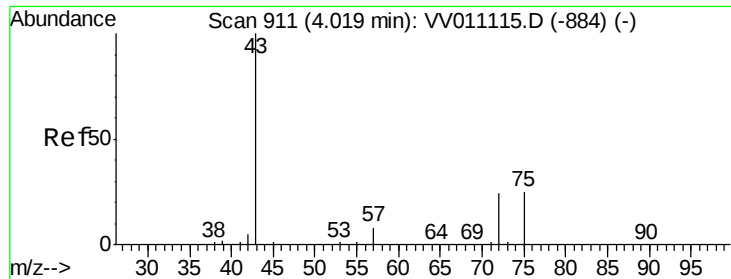
74 22.0 0.0 0.0#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0





#21
 2-Butanone
 Concen: 2.810 ug/L
 RT: 4.04 min Scan# 917
 Delta R.T. 0.02 min
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Tot Ion	Ratio	Lower	Upper
43	100		
72	7.3	10.7	31.9#

Manual Integrations
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