

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040619\
 Data File : VV010150.D
 Acq On : 06 Apr 2019 13:51
 Operator : SY/MD
 Sample : K2259-16
 Misc : 6.33G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETJ46

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:28:38 AM

Quant Time: Apr 07 01:48:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 00:49:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	241055	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	233191	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	102344	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38775	12.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.08%
7) Chloroethane-d5	1.57	69	56694	14.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.56%
10) 1,1-Dichloroethene-d2	2.13	63	89090	10.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.76%#
20) 2-Butanone-d5	3.95	46	36637m	39.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.80%
24) Chloroform-d	4.40	84	145560	23.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.88%
26) 1,2-Dichloroethane-d4	5.08	65	93848	27.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.48%
29) Benzene-d6	5.10	84	285394	23.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.40%
33) 1,2-Dichloropropane-d6	6.12	67	95118	26.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.60%
37) Toluene-d8	7.36	98	259667	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.16%
38) trans-1,3-Dichloropropene-	7.66	79	31241	20.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.92%
39) 2-Hexanone-d5	8.14	63	21916	30.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.24%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	85948	24.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	101915	25.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.24%

Target Compounds					Ovalue
13) Acetone	2.20	43	5021	5.530 ug/L	93
15) Methyl Acetate	2.46	43	1821	1.253 ug/L	99
16) Methylene chloride	2.53	84	7410	1.750 ug/L	95
35) Trichloroethene	5.96	95	2732	0.832 ug/L #	83

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

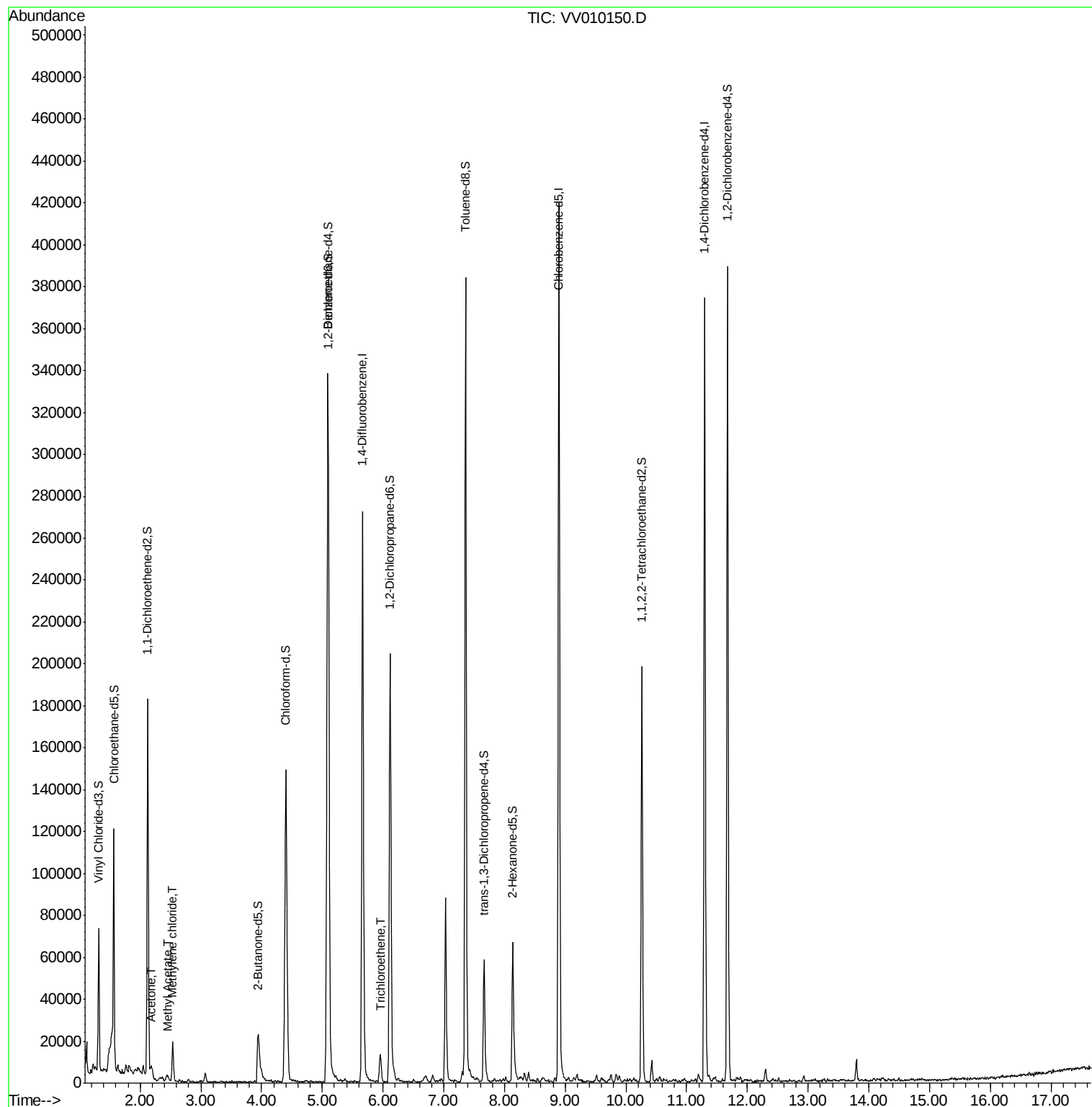
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040619\
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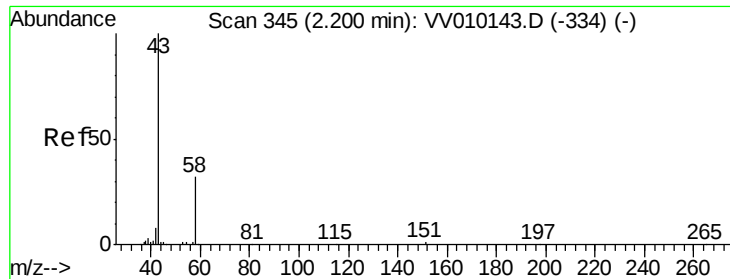
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QLast Update : Sun Apr 07 00:49:32 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.530 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV010150.D

Acq: 06 Apr 2019 13:51

Instrument :

MSVOA_V

ClientSampleId :

ETJ46

Tot Ion: 43 Resp: 5021

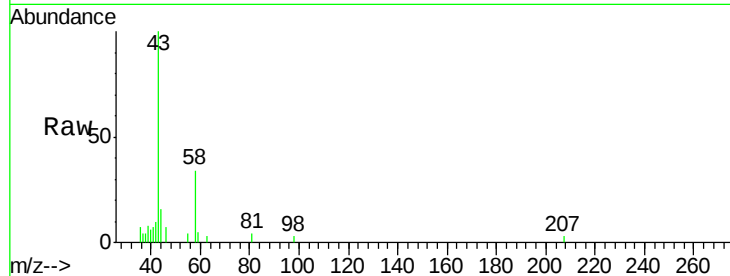
Ion Ratio Lower Upper

43 100

58 36.0 0.0 64.6

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Abundance Ion 43.00 (42.70 to 43.70): VV010143.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV010143.D (-334) (-)

4000

3000

2000

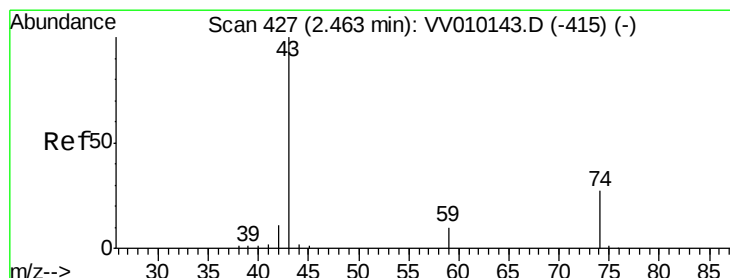
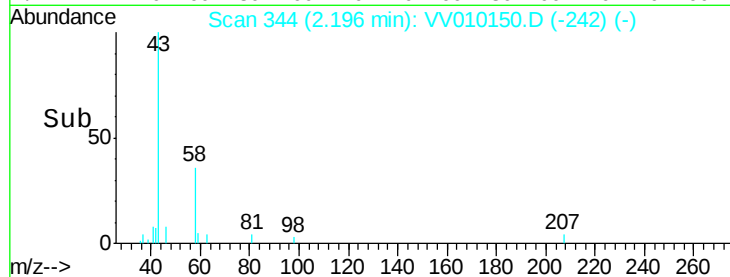
1000

0

Time-->

2.15

2.20



#15

Methyl Acetate

Concen: 1.253 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VV010150.D

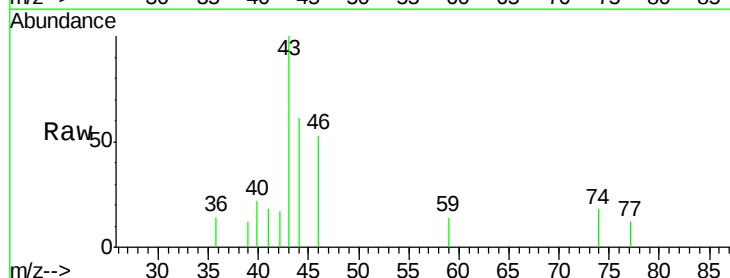
Acq: 06 Apr 2019 13:51

Tgt Ion: 43 Resp: 1821

Ion Ratio Lower Upper

43 100

74 24.3 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VV010143.D (-415) (-)

Ion 74.00 (73.70 to 74.70): VV010143.D (-415) (-)

1000

800

600

400

200

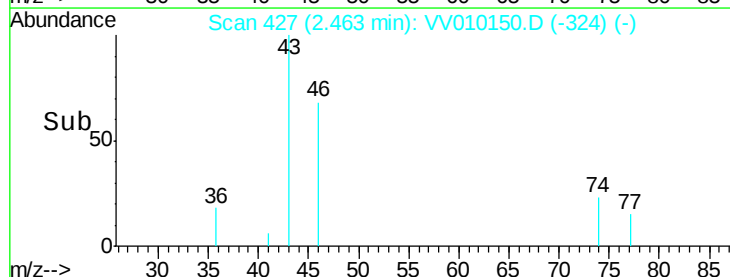
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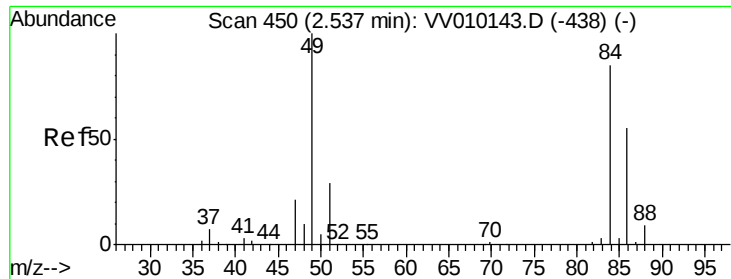
Time-->

2.40

2.45

2.50





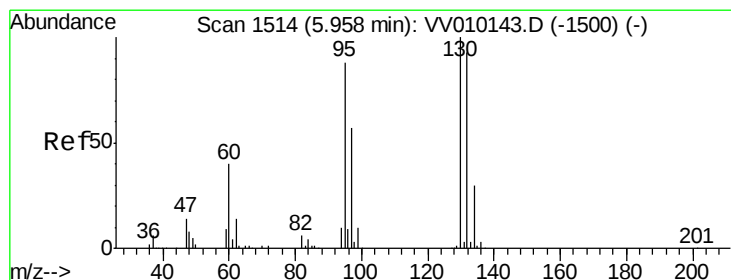
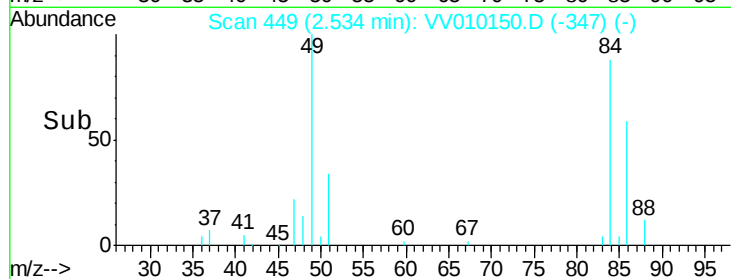
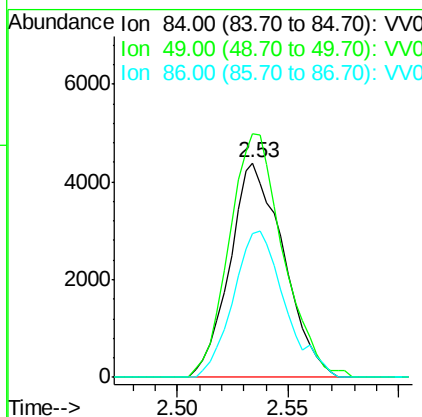
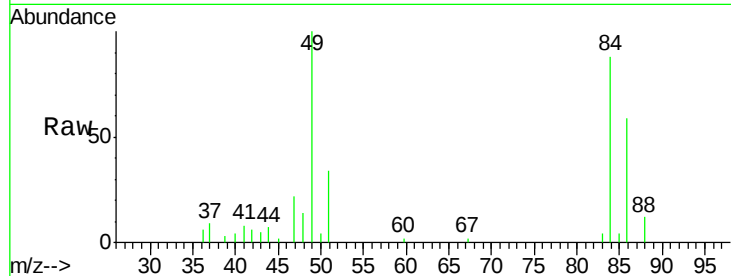
#16
Methylene chloride
Concen: 1.750 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010150.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
84	100		
49	113.4	84.3	156.5
86	67.0	45.4	84.2

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#35
Trichloroethene
Concen: 0.832 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV010150.D
Acq: 06 Apr 2019 13:51

Tgt Ion	Ratio	Lower	Upper
95	100		
97	32.7	45.8	85.2#
132	110.1	70.6	131.0
130	98.8	76.1	141.3

