

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
 Data File : VV010090.D
 Acq On : 03 Apr 2019 14:07
 Operator : SY/MD
 Sample : K2215-04
 Misc : 5.31G/10mL/MSVOA V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2M5

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 10:40:30 AM

Quant Time: Apr 04 07:52:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	236385	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	225547	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101742	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57352	18.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.48%
7) Chloroethane-d5	1.57	69	72818	18.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.12%
10) 1,1-Dichloroethene-d2	2.13	63	120474m	15.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.36%
20) 2-Butanone-d5	3.95	46	37892m	42.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.16%
24) Chloroform-d	4.40	84	129323	21.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.88%
26) 1,2-Dichloroethane-d4	5.08	65	76176	22.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.44%
29) Benzene-d6	5.10	84	266676	22.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.20%
33) 1,2-Dichloropropane-d6	6.12	67	79566	23.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.20%
37) Toluene-d8	7.36	98	240347	21.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.32%
38) trans-1,3-Dichloropropene-	7.66	79	27984	18.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.84%
39) 2-Hexanone-d5	8.14	63	27583	39.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	71805	21.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.36%
61) 1,2-Dichlorobenzene-d4	11.67	152	93698	23.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.56%

Target Compounds					Ovalue
13) Acetone	2.20	43	2786	3.129 ug/L	90
16) Methylene chloride	2.54	84	5053	1.217 ug/L	97
47) Tetrachloroethene	8.02	164	107136	40.317 ug/L	97

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

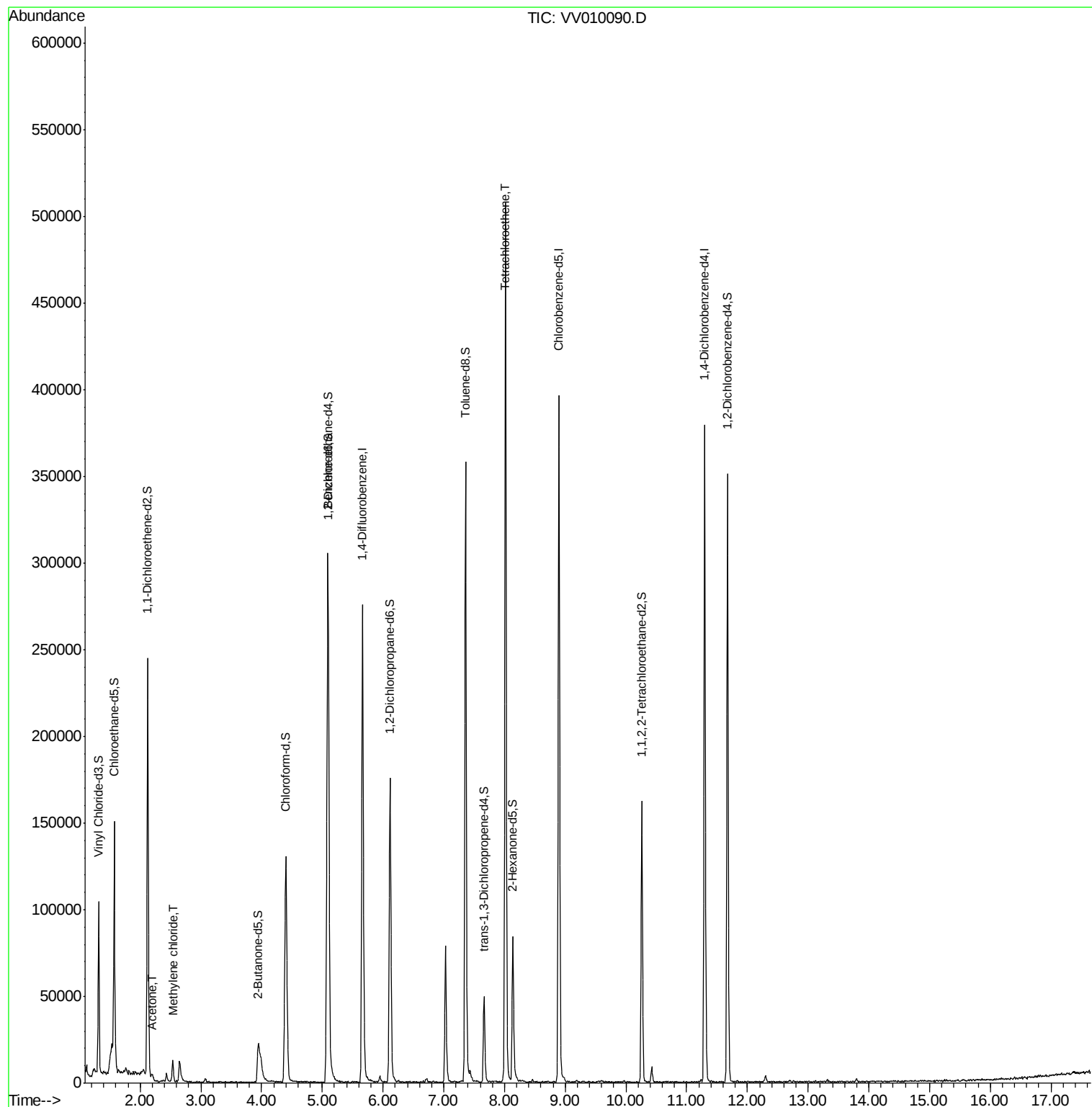
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040319\
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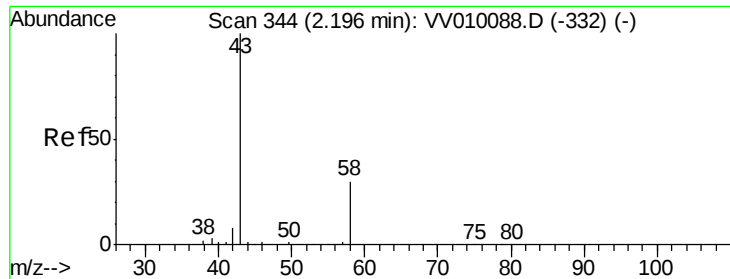
Instrument :
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QLast Update : Thu Apr 04 06:01:11 2019
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#13

Acetone

Concen: 3.129 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

Lab File: VV010090.D

Acq: 03 Apr 2019 14:07

Instrument :

MSVOA_V

ClientSampleId :

BF2M5

Tot Ion: 43 Resp: 2786

Ion Ratio Lower Upper

43 100

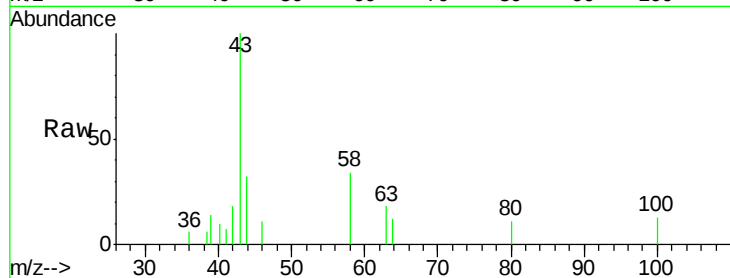
58 38.0 0.0 64.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VV010088.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010088.D (-332) (-)

2.20

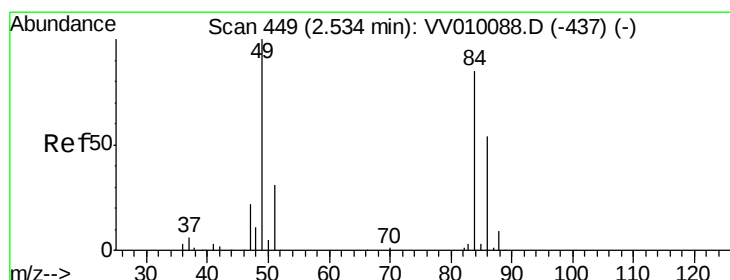
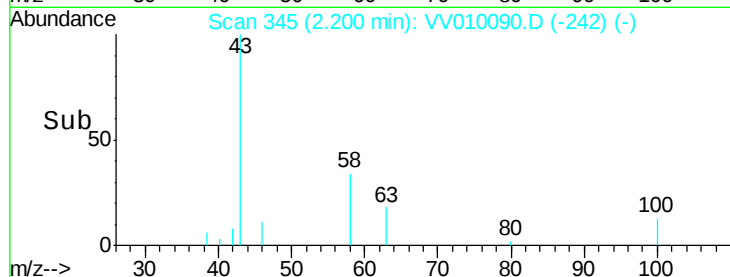
1500

1000

500

0

Time-->



#16

Methylene chloride

Concen: 1.217 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV010090.D

Acq: 03 Apr 2019 14:07

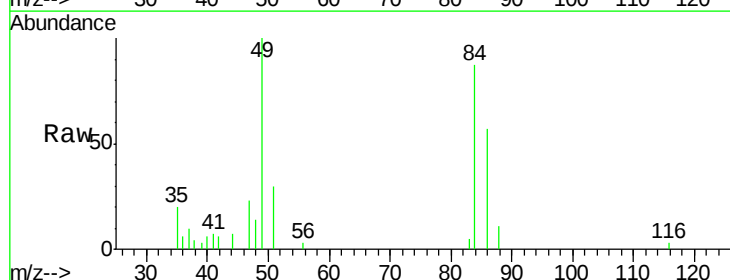
Tgt Ion: 84 Resp: 5053

Ion Ratio Lower Upper

84 100

49 114.9 84.3 156.5

86 65.3 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV010088.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010088.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010088.D (-437) (-)

2.54

4000

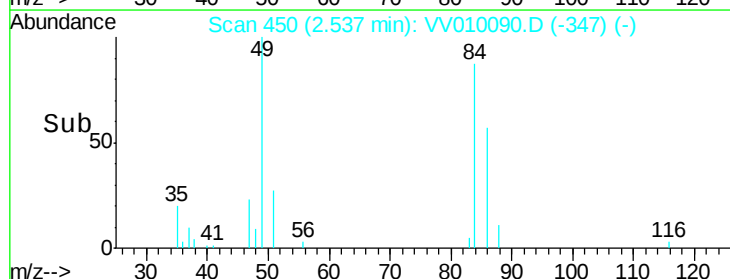
3000

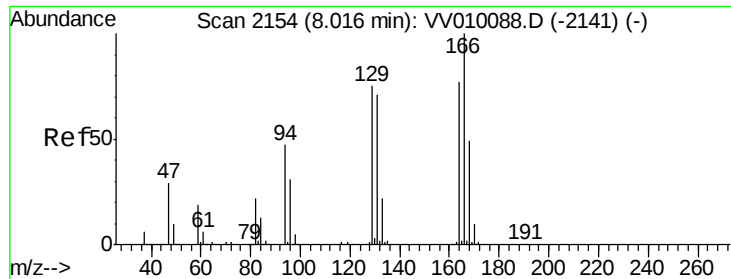
2000

1000

0

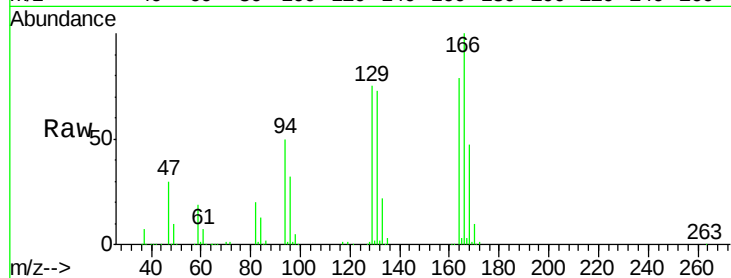
Time-->





#47
Tetrachloroethene
Concen: 40.317 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV010090.D
Acq: 03 Apr 2019 14:07

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Tot Ion	Ratio	Resp	Lower	Upper
164	100			
129	95.0		67.8	125.8
131	92.7		65.2	121.0
166	126.9		93.8	174.2

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