

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010419\
 Data File : VV009170.D
 Acq On : 04 Jan 2019 20:58
 Operator : SY/MD
 Sample : K1050-07
 Misc : 5.95 G/10ML/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9W4

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 12:00:16 AM

Quant Time: Jan 05 05:52:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 05 05:00:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	186000	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	174476	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88348	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25842	20.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.28%
7) Chloroethane-d5	1.58	69	27073	21.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.76%
10) 1,1-Dichloroethene-d2	2.13	63	65078	15.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.20%
20) 2-Butanone-d5	3.96	46	34042	38.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.08%
24) Chloroform-d	4.40	84	95289	24.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.32%
26) 1,2-Dichloroethane-d4	5.08	65	54980	26.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.96%
29) Benzene-d6	5.10	84	184536	23.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.96%
33) 1,2-Dichloropropane-d6	6.12	67	58218	26.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.48%
37) Toluene-d8	7.36	98	167341	22.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.28%
38) trans-1,3-Dichloropropene-	7.67	79	24449	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.48%
39) 2-Hexanone-d5	8.15	63	21563	40.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.98%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58001	23.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.72%
61) 1,2-Dichlorobenzene-d4	11.68	152	71785	24.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.16%

Target Compounds

					Ovalue
13) Acetone	2.21	43	7272m	5.733	ug/L
16) Methylene chloride	2.54	84	42772	15.392	ug/L
35) Trichloroethene	5.96	95	1694148	626.957	ug/L
44) Toluene	7.43	91	14340	1.418	ug/L

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

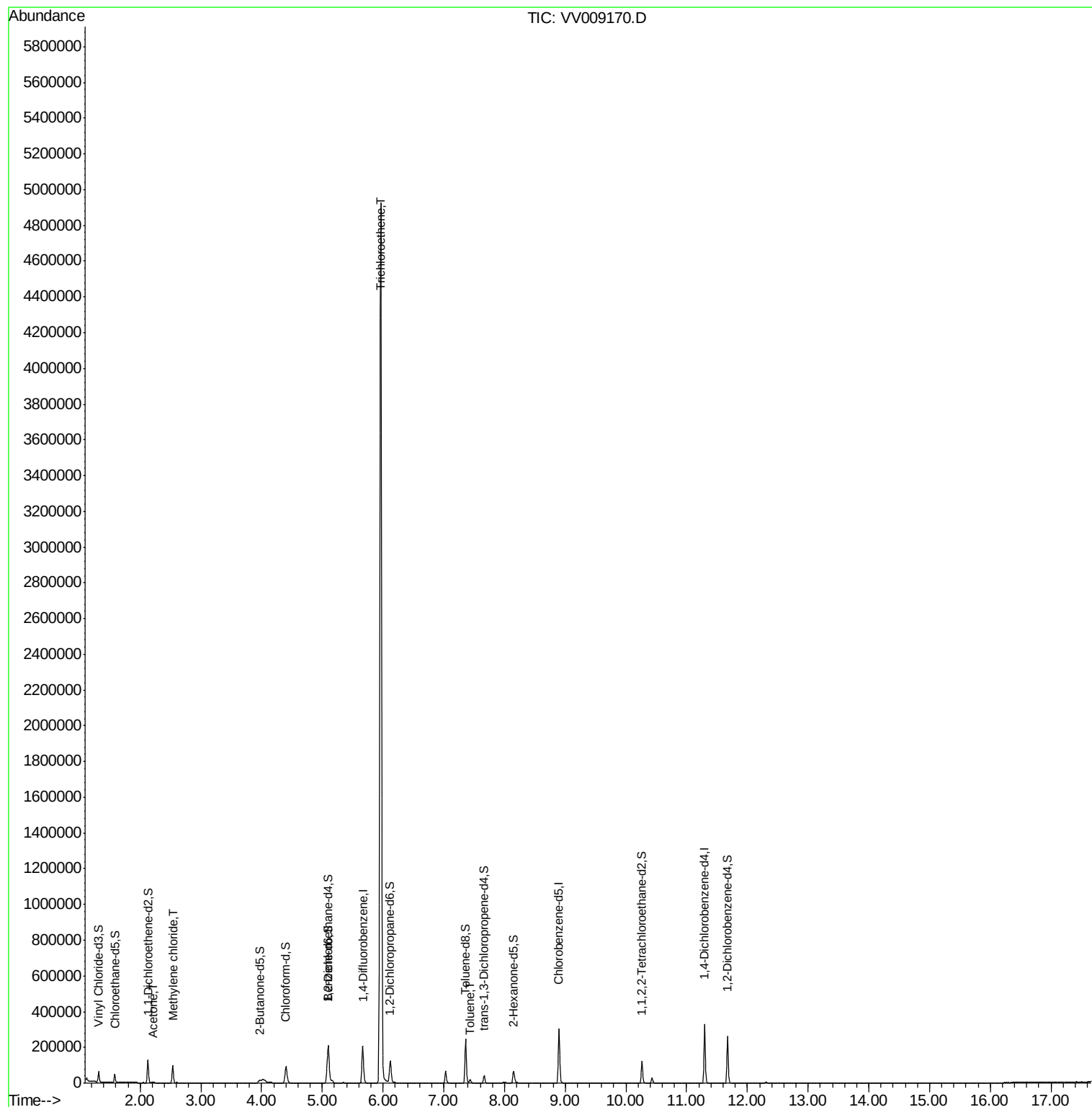
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV010419\
Data File : VV009170.D
Acq On : 04 Jan 2019 20:58
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Misc : 5.95 G/10ML/MSVOA V/SOIL
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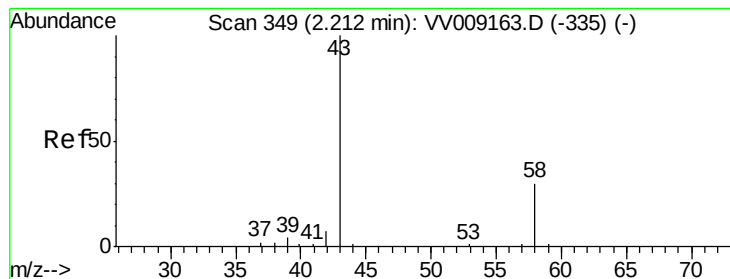
Instrument :
MSVOA_V
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Quant Title : VOC Analysis
QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.733 ug/L m

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

Lab File: VV009170.D

Acq: 04 Jan 2019 20:58

Instrument :

MSVOA_V

ClientSampleId :

BE9W4

Tot Ion: 43 Resp: 7272

Ion Ratio Lower Upper

43 100

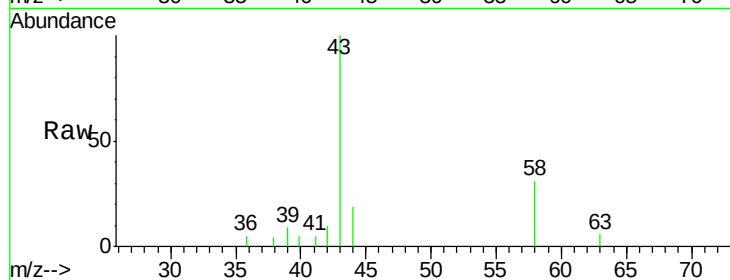
58 0.6 0.0 67.0

Manual Integrations

APPROVED

MMDadoda

1/8/2019 12:00:16 AM



Abundance Ion 43.00 (42.70 to 43.70): VV009170.D (-246) (-)

Ion 58.00 (57.70 to 58.70): VV009170.D (-246) (-)

Time-->

2.15 2.20 2.25 2.30

2.21

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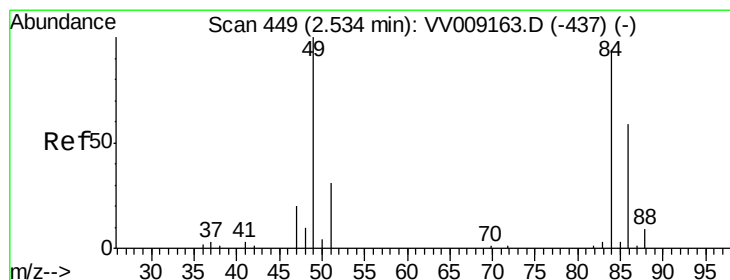
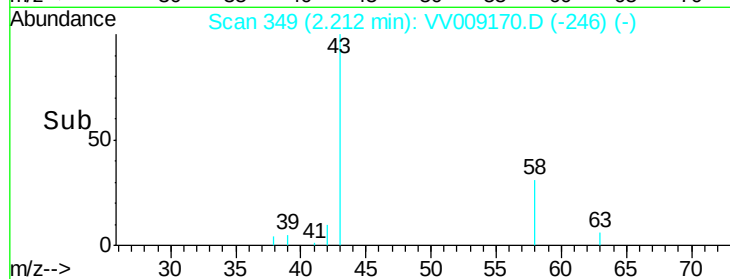
2.21

2.21

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2.21



#16

Methylene chloride

Concen: 15.392 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009170.D

Acq: 04 Jan 2019 20:58

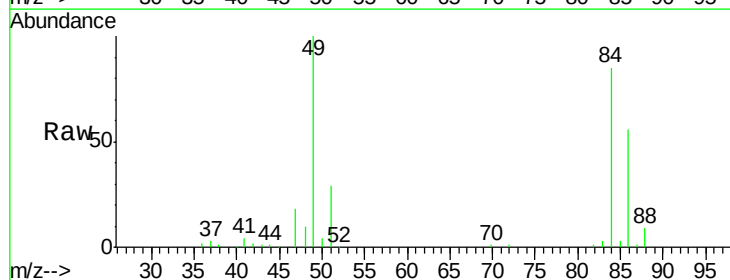
Tgt Ion: 84 Resp: 42772

Ion Ratio Lower Upper

84 100

49 118.1 77.6 144.2

86 65.8 47.4 88.0



Abundance Ion 84.00 (83.70 to 84.70): VV009170.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009170.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009170.D (-346) (-)

Time-->

2.45 2.50 2.55 2.60 2.65

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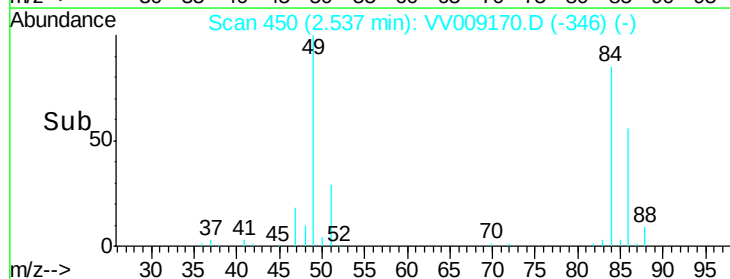
2.54

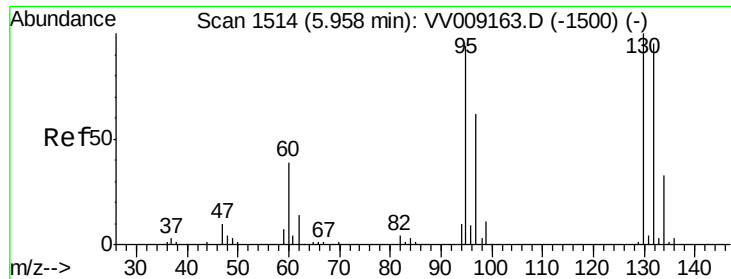
2.54

2.54

2.54

2.54





#35

Trichloroethene

Concen: 626.957 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009170.D

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Tot Ion: 95 Resp: 1694148

Ion Ratio Lower Upper

95 100

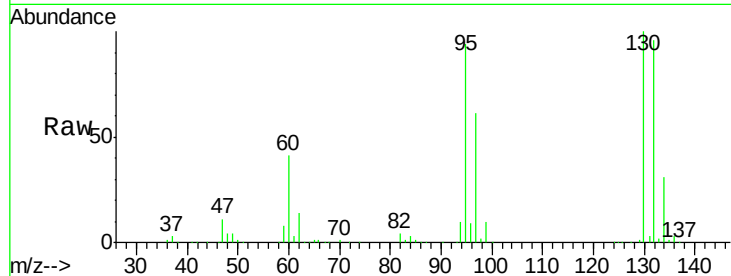
97 64.7 46.2 85.8

132 102.8 73.9 137.3

130 106.8 77.0 143.0

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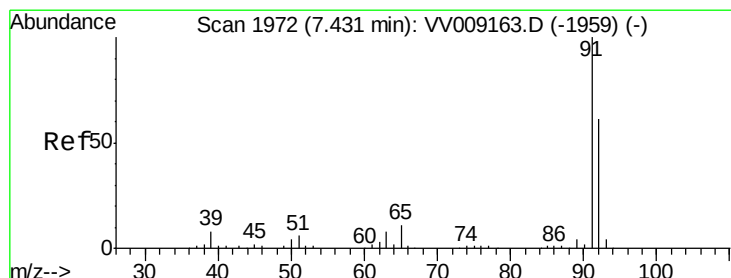
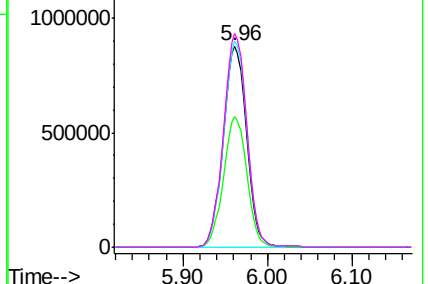
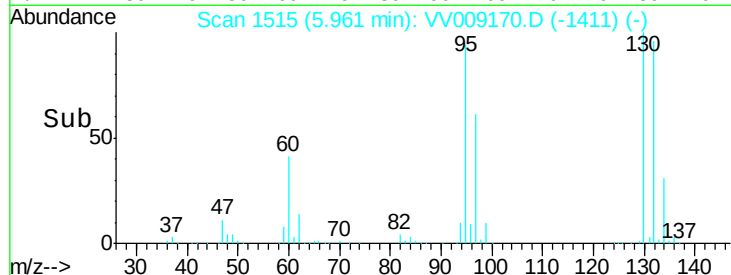


Abundance Ion 95.00 (94.70 to 95.70): VV009163.D (-1500) (-)

Ion 97.00 (96.70 to 97.70): VV009163.D (-1500) (-)

Ion 132.00 (131.70 to 132.70): VV009163.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV009163.D (-1500) (-)



#44

Toluene

Concen: 1.418 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV009170.D

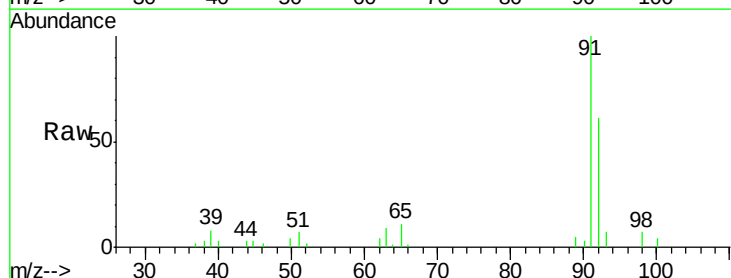
Acq: 04 Jan 2019 20:58

Tgt Ion: 91 Resp: 14340

Ion Ratio Lower Upper

91 100

92 60.7 41.7 77.5



Abundance Ion 91.00 (90.70 to 91.70): VV009163.D (-1959) (-)

Ion 92.00 (91.70 to 92.70): VV009163.D (-1959) (-)

