

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\
 Data File : VV009099.D
 Acq On : 20 Dec 2018 23:00
 Operator : SY/MD
 Sample : J6468-05RE
 Misc : 5.36 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JG3RE

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 10:04:30 AM

Quant Time: Dec 21 01:56:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 01:30:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	216975	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	167299	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47929	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45818	20.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.64%
7) Chloroethane-d5	1.58	69	50110	30.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.84%
10) 1,1-Dichloroethene-d2	2.13	63	88238	15.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.88%
20) 2-Butanone-d5	3.94	46	32743	40.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.10%
24) Chloroform-d	4.40	84	137054	26.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.08%
26) 1,2-Dichloroethane-d4	5.08	65	80638	28.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.32%
29) Benzene-d6	5.10	84	258876	27.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.84%
33) 1,2-Dichloropropane-d6	6.12	67	82943	31.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.84%#
37) Toluene-d8	7.36	98	215829	24.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.84%
38) trans-1,3-Dichloropropene-	7.67	79	26847	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.44%
39) 2-Hexanone-d5	8.14	63	19311	40.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.60%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56707	25.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.36%
61) 1,2-Dichlorobenzene-d4	11.67	152	48362	26.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.56%

Target Compounds					Qvalue
13) Acetone	2.21	43	2292m	1.903 ug/L	
16) Methylene chloride	2.54	84	5475	1.498 ug/L	90
22) cis-1,2-Dichloroethene	3.96	96	2051	0.651 ug/L	94
35) Trichloroethene	5.96	95	8478	2.806 ug/L	97

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

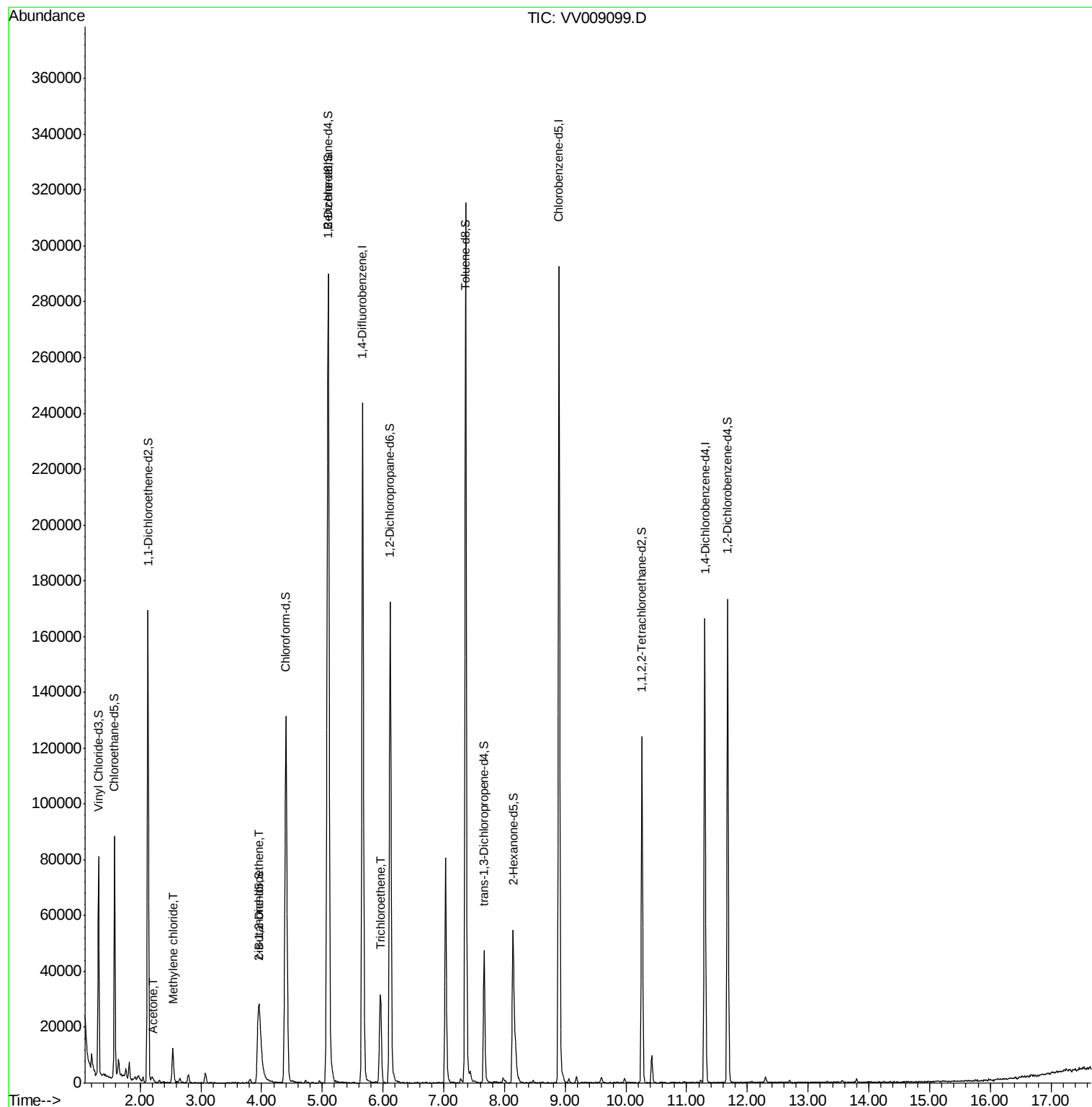
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\
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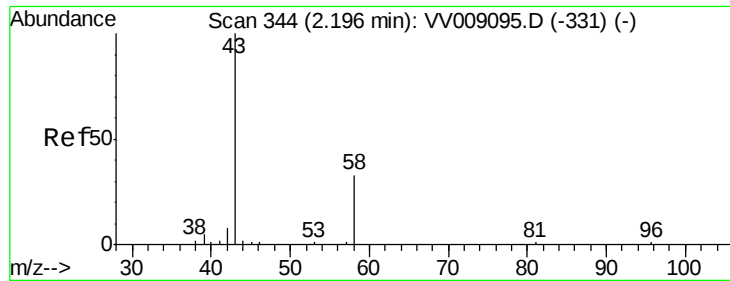
Instrument :
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Quant Title : VOC Analysis
QLast Update : Fri Dec 21 01:30:11 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.903 ug/L m

RT: 2.21 min Scan# 349

Delta R.T. 0.02 min

Lab File: VV009099.D

Acq: 20 Dec 2018 23:00

Instrument :

MSVOA_V

ClientSampleId :

C0JG3RE

Tgt Ion: 43 Resp: 2292

Ion Ratio Lower Upper

43 100

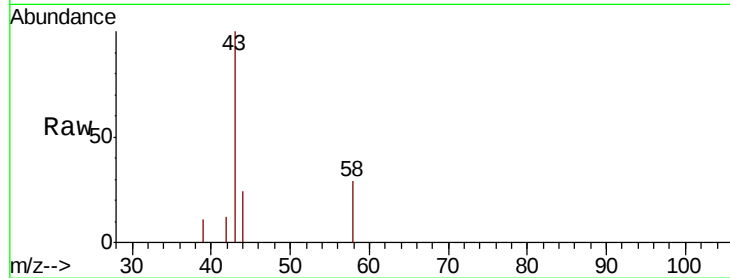
58 11.0 0.0 65.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VV009099.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009099.D (-331) (-)

2.21

1000

800

600

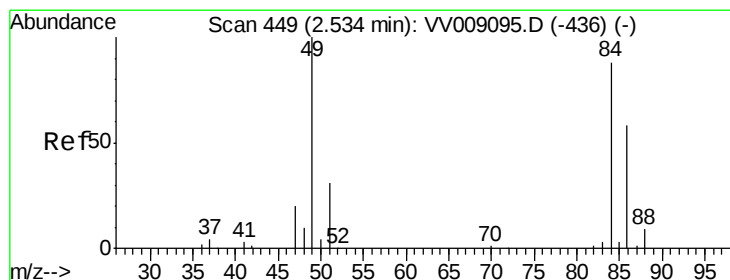
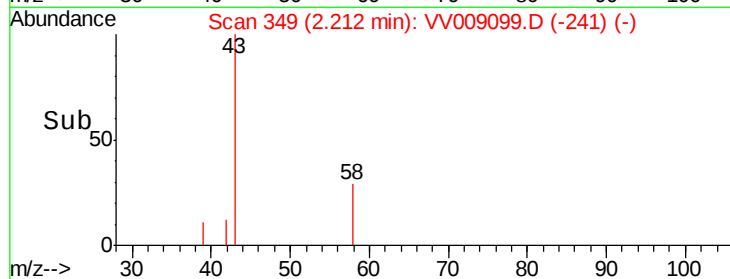
400

200

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 1.498 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

Lab File: VV009099.D

Acq: 20 Dec 2018 23:00

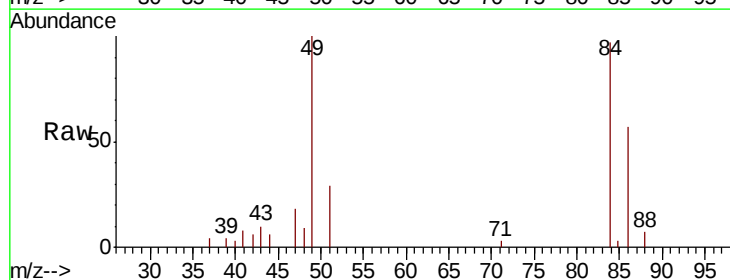
Tgt Ion: 84 Resp: 5475

Ion Ratio Lower Upper

84 100

49 102.7 80.5 149.5

86 58.0 45.5 84.5



Abundance Ion 84.00 (83.70 to 84.70): VV009099.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009099.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009099.D (-346) (-)

2.54

4000

3000

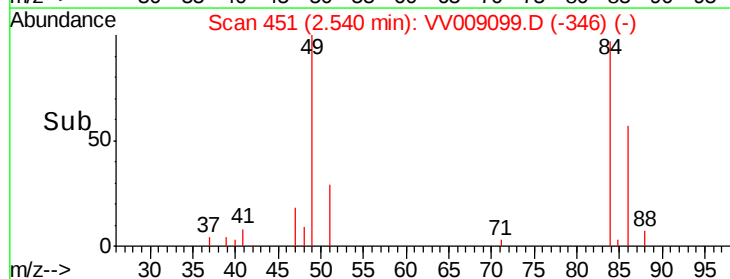
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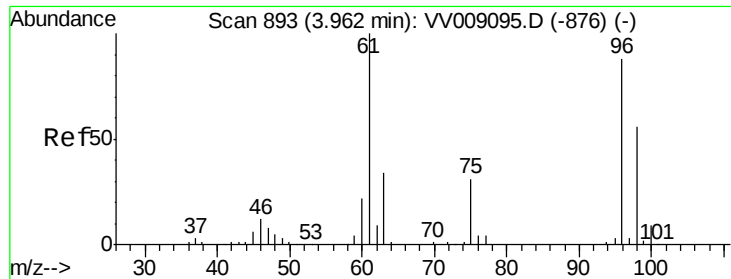
1000

0

2.50 2.55

Time-->





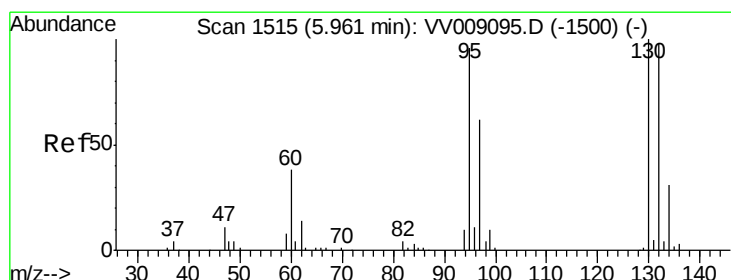
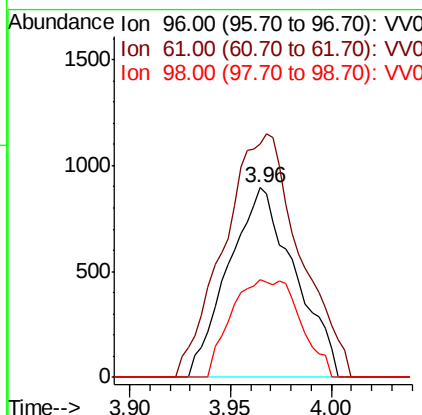
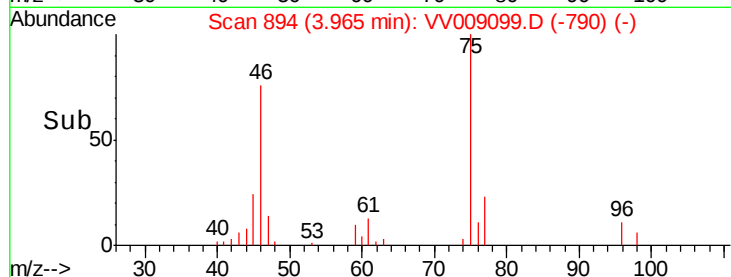
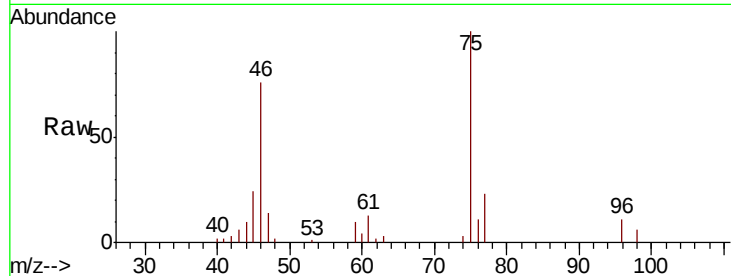
#22
 cis-1,2-Dichloroethene
 Concen: 0.651 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV009099.D
 Acq: 20 Dec 2018 23:00

Instrument :
 MSVOA_V
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 C0JG3RE

Tgt Ion: 96 Resp: 2051
 Ion Ratio Lower Upper
 96 100
 61 123.3 86.2 160.0
 98 51.5 45.6 84.6

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#35
 Trichloroethene
 Concen: 2.806 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: VV009099.D
 Acq: 20 Dec 2018 23:00

Tgt Ion: 95 Resp: 8478
 Ion Ratio Lower Upper
 95 100
 97 66.2 45.3 84.1
 132 103.8 70.0 130.0
 130 101.0 73.4 136.4

