

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010269.D
 Acq On : 12 Apr 2019 04:05
 Operator : SY/MD
 Sample : K2328-01
 Misc : 5.57G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB702

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:29:37 AM

Quant Time: Apr 12 06:45:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:45:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	36472	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	30843	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.31	152	9296	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6472	15.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.68%
7) Chloroethane-d5	1.58	69	7419	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.24%
10) 1,1-Dichloroethene-d2	2.13	63	10691	10.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.00%#
20) 2-Butanone-d5	3.94	46	7292	68.63	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.26%#
24) Chloroform-d	4.40	84	21171	25.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.68%
26) 1,2-Dichloroethane-d4	5.08	65	13408	28.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.04%
29) Benzene-d6	5.10	84	39590	26.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.48%
33) 1,2-Dichloropropane-d6	6.12	67	12695	28.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.80%
37) Toluene-d8	7.36	98	30862	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.12%
38) trans-1,3-Dichloropropene-	7.67	79	4083	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.56%
39) 2-Hexanone-d5	8.14	63	2696m	35.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.58%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	10834	27.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.16%
61) 1,2-Dichlorobenzene-d4	11.68	152	8204	23.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.60%

Target Compounds					Qvalue
13) Acetone	2.19	43	2760	24.313 ug/L	97
16) Methylene chloride	2.53	84	1621	2.269 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	2232m	4.487 ug/L	
35) Trichloroethene	5.96	95	3917	8.671 ug/L	97

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

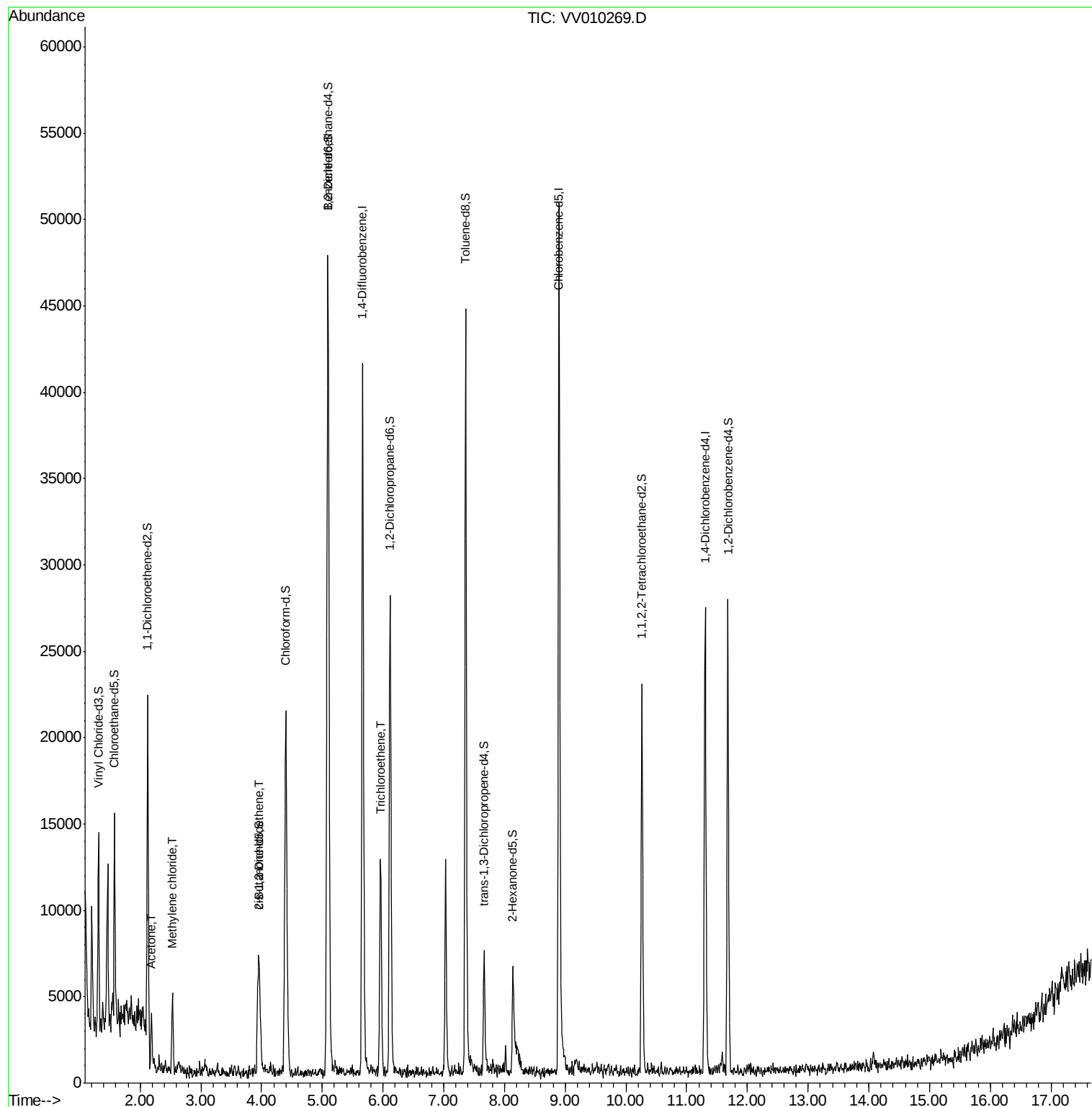
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
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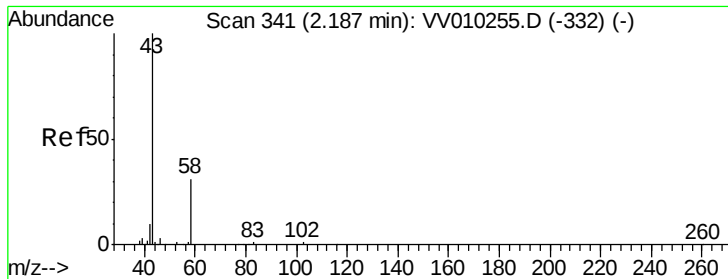
Instrument :
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Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:45:26 2019
Response via : Initial Calibration





#13

Acetone

Concen: 24.313 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010269.D

Acq: 12 Apr 2019 04:05

Instrument :

MSVOA_V

ClientSampleId :

DB702

Tgt Ion: 43 Resp: 2760

Ion Ratio Lower Upper

43 100

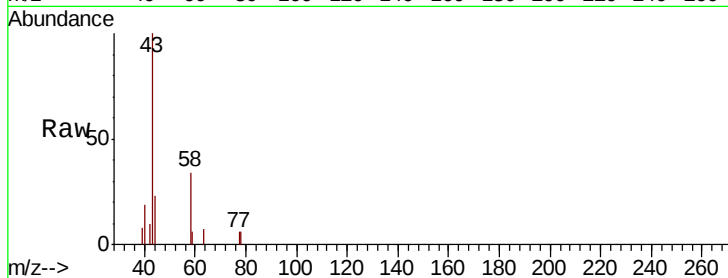
58 29.2 0.0 61.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VV010255.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010255.D (-332) (-)

2000

1500

1000

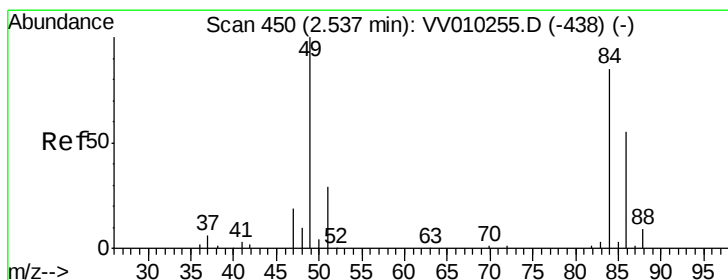
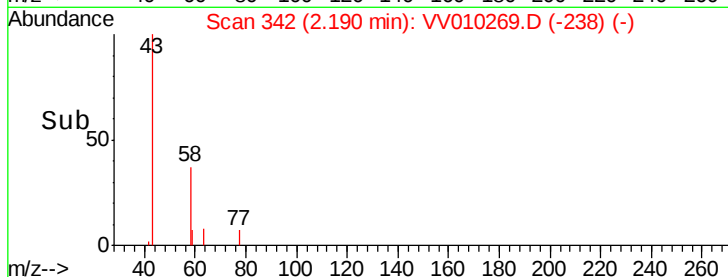
500

0

2.15 2.20

2.19

Time-->



#16

Methylene chloride

Concen: 2.269 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.01 min

Lab File: VV010269.D

Acq: 12 Apr 2019 04:05

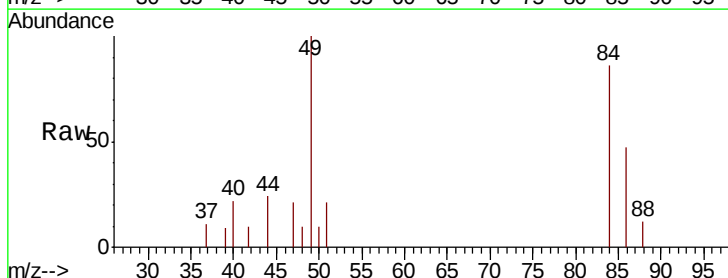
Tgt Ion: 84 Resp: 1621

Ion Ratio Lower Upper

84 100

49 116.7 79.9 148.5

86 55.1 44.5 82.7



Abundance Ion 84.00 (83.70 to 84.70): VV010255.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV010255.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV010255.D (-438) (-)

2000

1500

1000

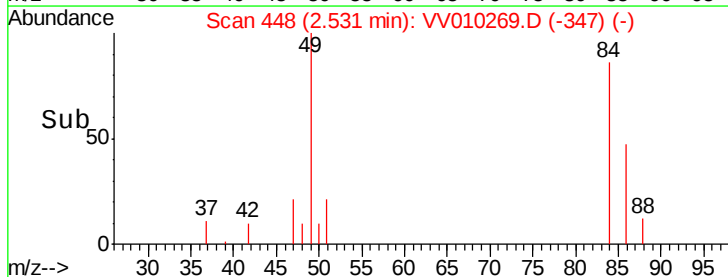
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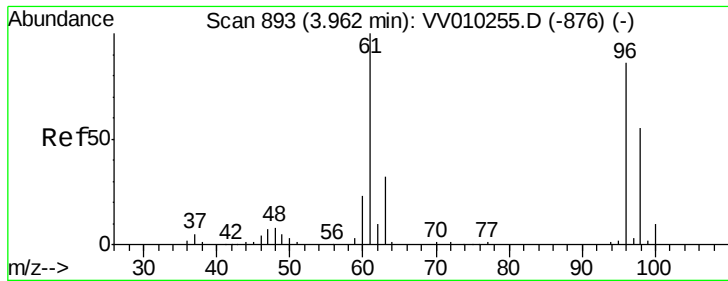
0

2.48 2.50 2.52 2.54 2.56

2.53

Time-->





#22

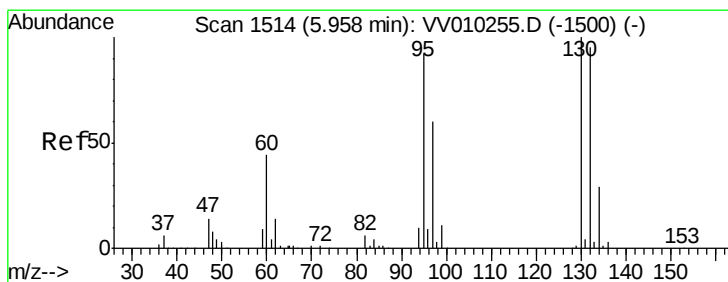
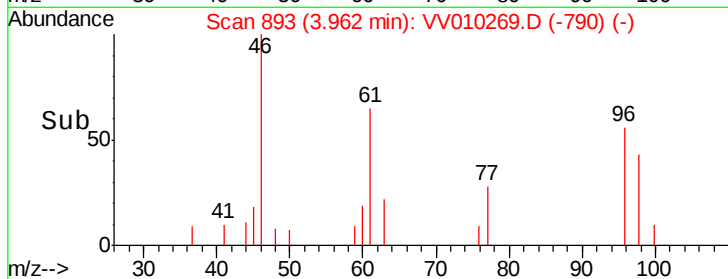
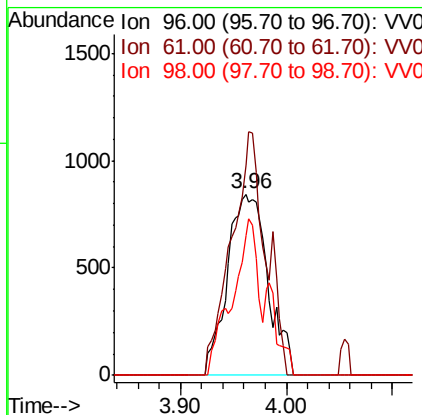
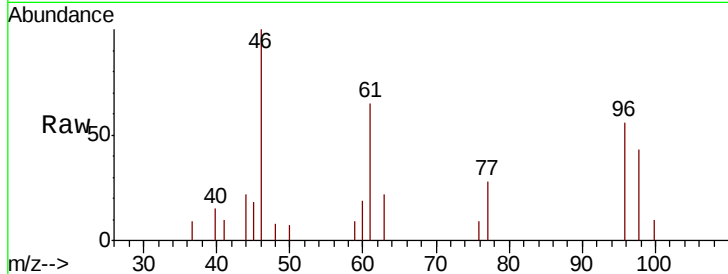
cis-1,2-Dichloroethene
Concen: 4.487 ug/L m
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV010269.D
Acq: 12 Apr 2019 04:05

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Tgt Ion	Ratio	Lower	Upper
96	100		
61	116.0	84.9	157.7
98	76.9	47.0	87.4

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#35

Trichloroethene
Concen: 8.671 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV010269.D
Acq: 12 Apr 2019 04:05

Tgt Ion	Ratio	Lower	Upper
95	100		
97	57.2	44.3	82.3
132	104.3	71.3	132.3
130	105.6	73.4	136.4

