

Data File : VV009936.D
Acq On : 27 Mar 2019 18:46
Operator : SY/MD
Sample : K2085-15
Misc : 5.46G/10mL/MSVOA_V/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7TO

Quant Time: Mar 28 05:18:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 05:12:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	124017	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	122234	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49267	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57875	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.00%
7) Chloroethane-d5	1.57	69	63628	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.64%
10) 1,1-Dichloroethene-d2	2.13	63	124521	18.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.36%
20) 2-Butanone-d5	3.93	46	22256	47.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.92%
24) Chloroform-d	4.40	84	76130	24.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.36%
26) 1,2-Dichloroethane-d4	5.08	65	46397	24.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.60%
29) Benzene-d6	5.10	84	156907	24.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.76%
33) 1,2-Dichloropropane-d6	6.12	67	48930	26.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.20%
37) Toluene-d8	7.36	98	136175	22.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.64%
38) trans-1,3-Dichloropropene-	7.66	79	13843	18.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.08%
39) 2-Hexanone-d5	8.13	63	15072	43.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.00%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40420	21.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.96%
61) 1,2-Dichlorobenzene-d4	11.68	152	46222	24.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.56%

Target Compounds

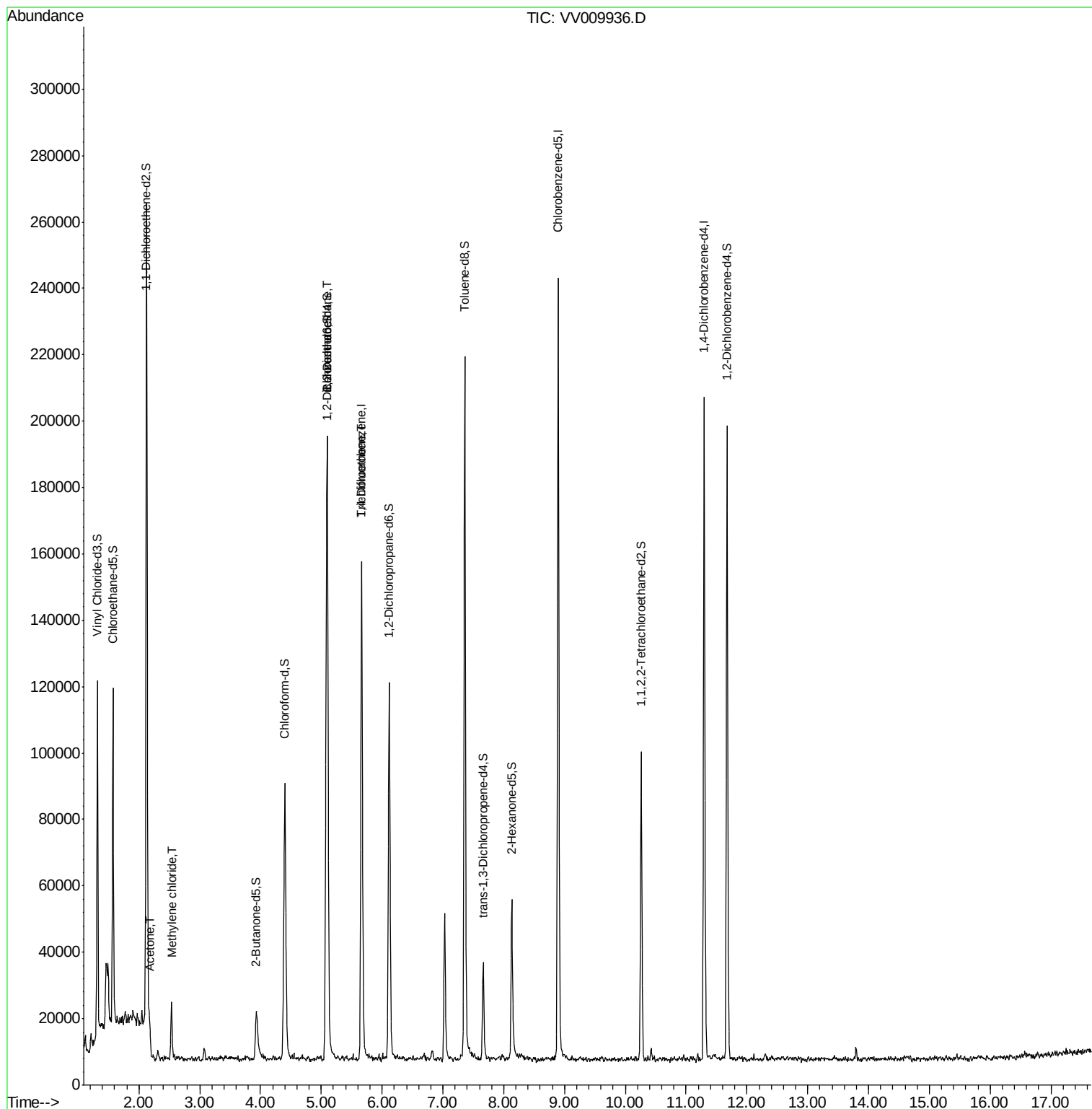
					Qvalue
13) Acetone	2.18	43	2397	3.376 ug/L	63
16) Methylene chloride	2.53	84	6883	3.370 ug/L	81
27) 1,2-Dichloroethane	5.10	62	1251	0.537 ug/L #	75
35) Trichloroethene	5.66	95	3174	1.793 ug/L #	5

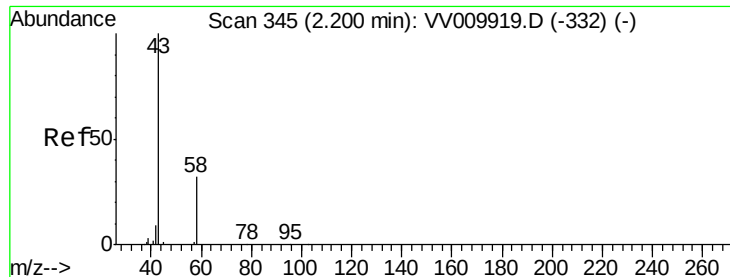
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.376 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.02 min

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Instrument :

MSVOA_V

ClientSampleId :

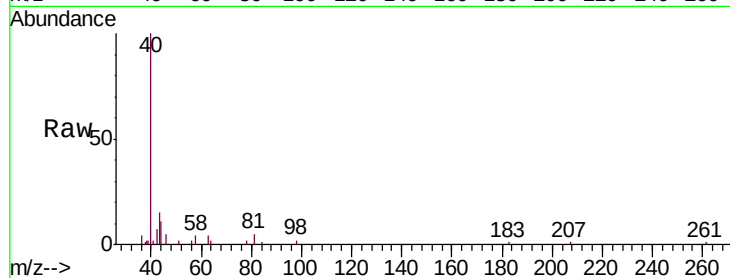
BF7TO

Tgt Ion: 43 Resp: 2397

Ion Ratio Lower Upper

43 100

58 9.5 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009919.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV009919.D (-332) (-)

2.18

1500

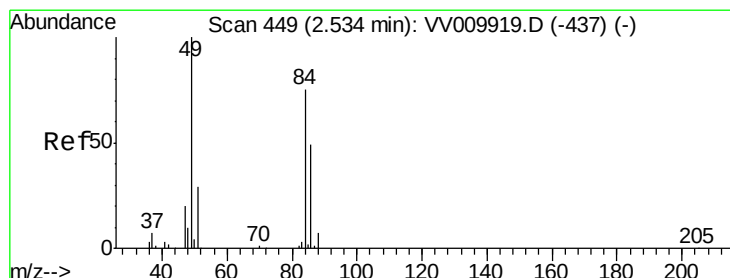
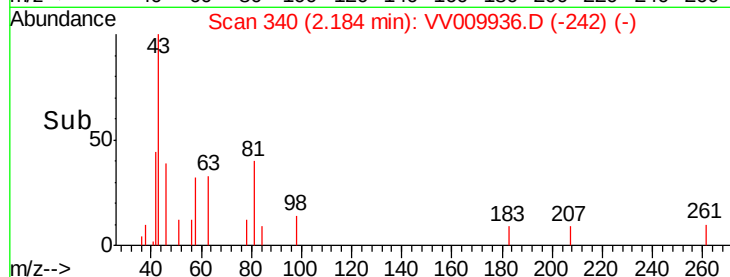
1000

500

0

2.15 2.20

Time-->



#16

Methylene chloride

Concen: 3.370 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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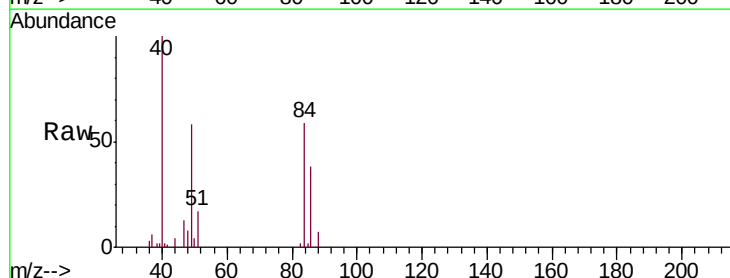
Tgt Ion: 84 Resp: 6883

Ion Ratio Lower Upper

84 100

49 98.2 90.4 167.8

86 64.5 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV009919.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009919.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009919.D (-437) (-)

2.53

6000

5000

4000

3000

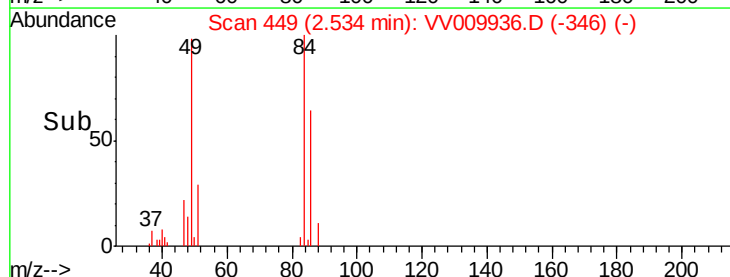
2000

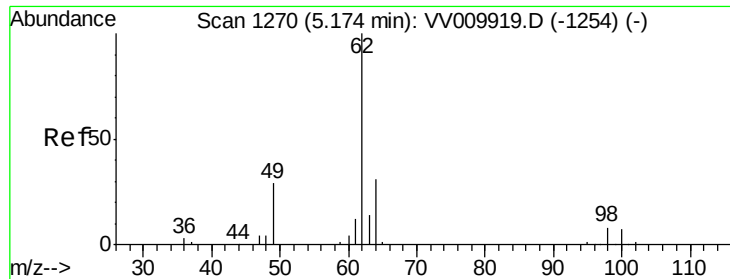
1000

0

2.50 2.55 2.60

Time-->

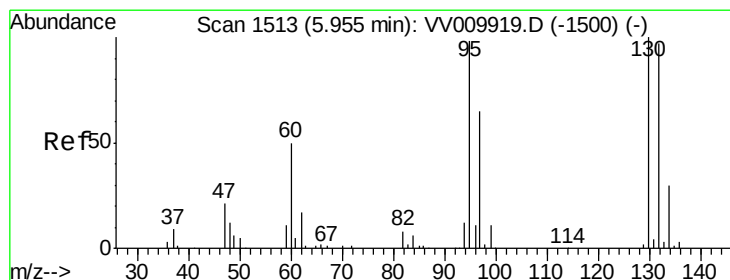
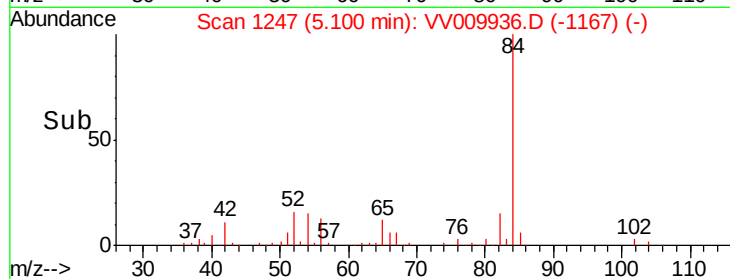
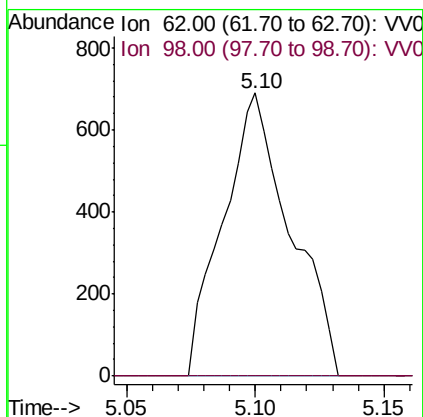
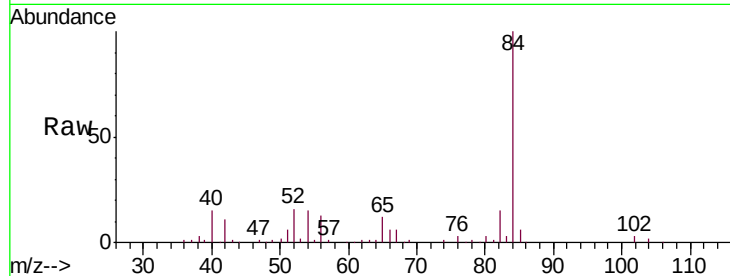




#27
 1,2-Dichloroethane
 Concen: 0.537 ug/L
 RT: 5.10 min Scan# 1247
 Delta R.T. -0.07 min
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Tgt Ion: 62 Resp: 1251
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#35
 Trichloroethene
 Concen: 1.793 ug/L
 RT: 5.66 min Scan# 1421
 Delta R.T. -0.30 min
 Lab File: VV009936.D
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Tgt Ion: 95 Resp: 3174
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.3 85.9#
 132 0.0 69.3 128.7#
 130 0.0 69.5 129.1#

