

Data File : VW006367.D
Acq On : 25 Oct 2018 17:06
Operator : SY/AP
Sample : J5657-08
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40B2

Quant Time: Oct 26 04:10:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 04:05:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	408948	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	382145	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	202076	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	77559	16.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.28%
7) Chloroethane-d5	2.90	69	79297	19.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.92%
10) 1,1-Dichloroethene-d2	4.01	63	126830	14.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.28%
20) 2-Butanone-d5	7.09	46	64048	41.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.80%
24) Chloroform-d	7.65	84	197906	22.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	8.31	65	114154	23.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.16%
29) Benzene-d6	8.27	84	386783	22.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.16%
33) 1,2-Dichloropropane-d6	9.27	67	115197	22.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.00%
37) Toluene-d8	10.33	98	376202	21.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.72%
38) trans-1,3-Dichloropropene-	10.58	79	47387	18.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.48%
39) 2-Hexanone-d5	10.93	63	53166	42.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.04%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	115960	22.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	166193	24.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.00%

Target Compounds

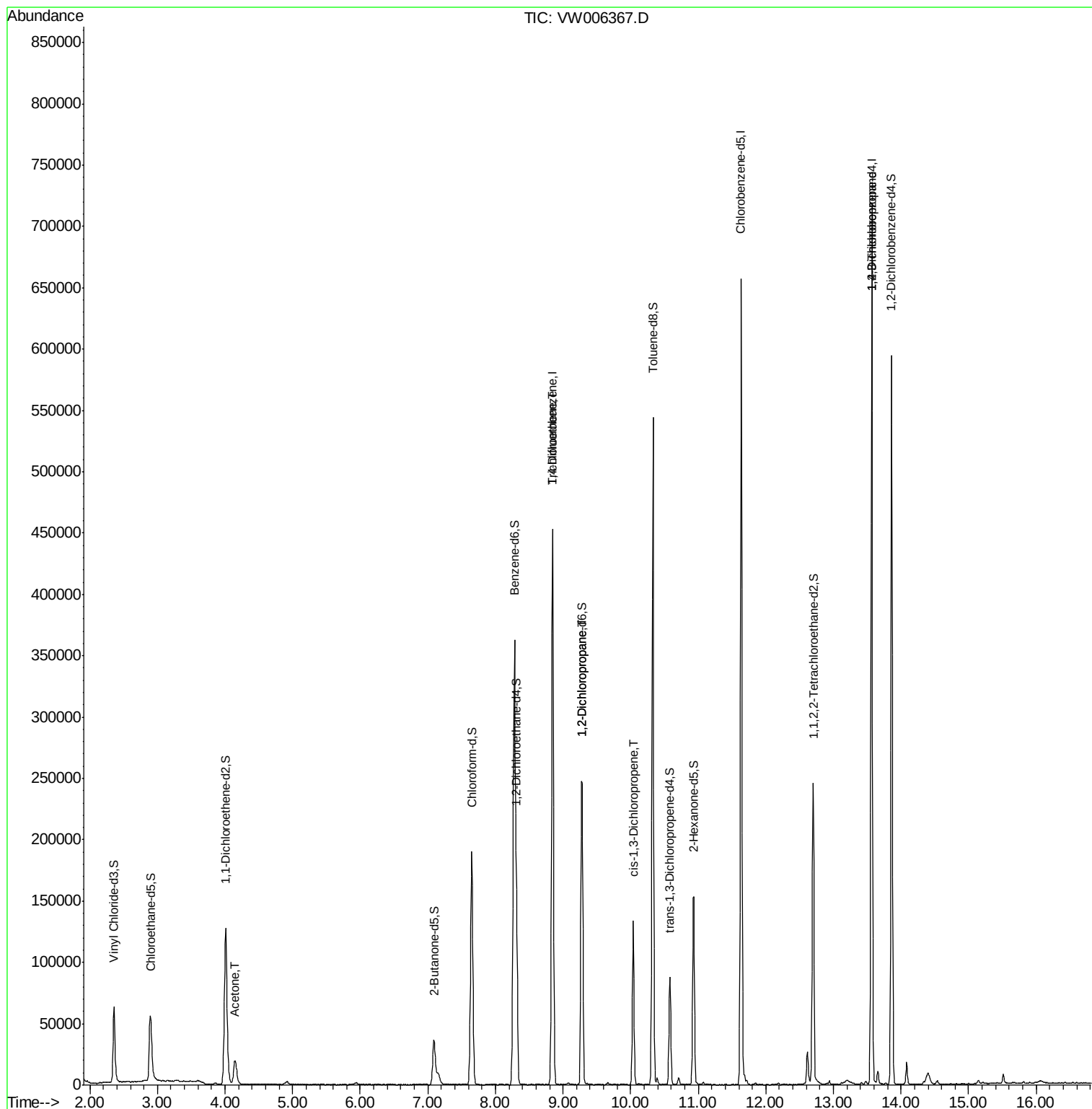
					Qvalue
13) Acetone	4.15	43	39271	25.428 ug/L	99
35) Trichloroethene	8.84	95	12431	2.252 ug/L #	2
40) 1,2-Dichloropropane	9.28	63	13775	2.831 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3595	0.452 ug/L #	61
59) 1,2,3-Trichloropropane	13.56	75	20951	5.332 ug/L	93

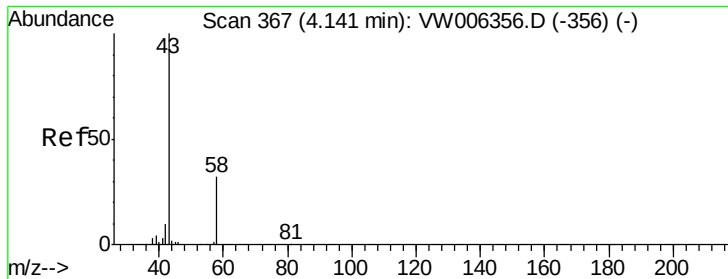
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 25.428 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

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Acq: 25 Oct 2018 17:06

Instrument :

MSVOA_W

ClientSampled :

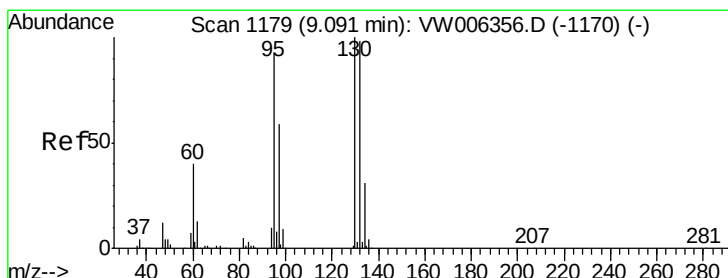
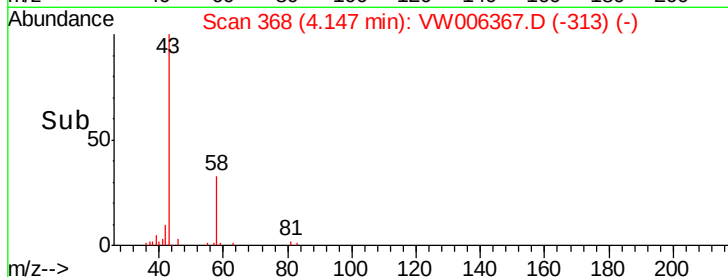
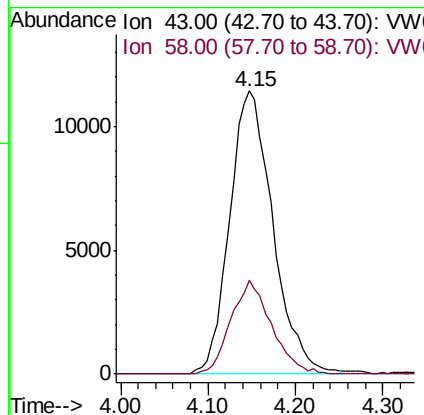
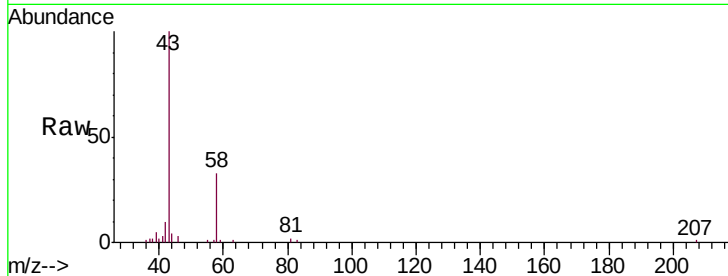
A40B2

Tgt Ion: 43 Resp: 39271

Ion Ratio Lower Upper

43 100

58 31.1 0.0 61.2



#35

Trichloroethene

Concen: 2.252 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Acq: 25 Oct 2018 17:06

Tgt Ion: 95 Resp: 12431

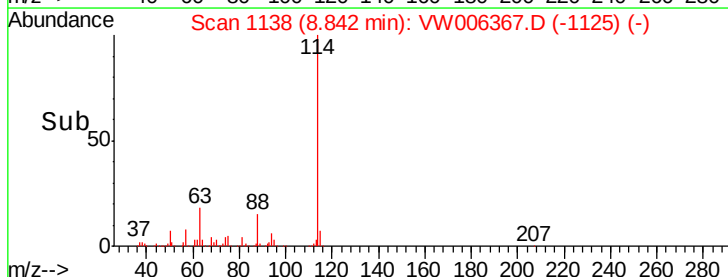
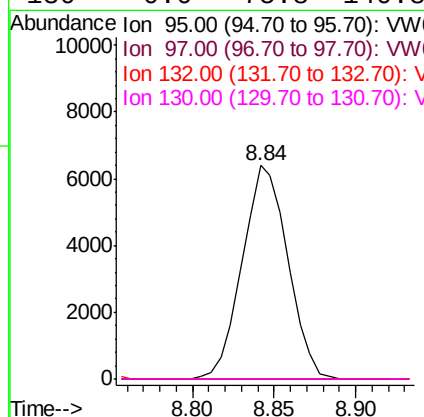
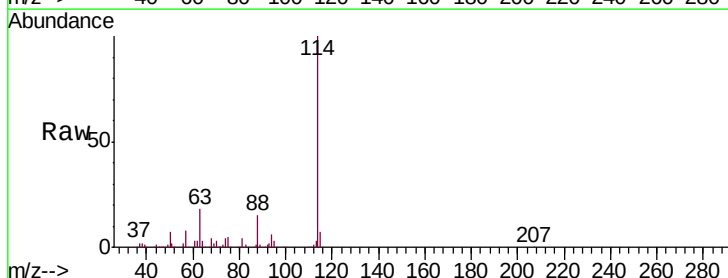
Ion Ratio Lower Upper

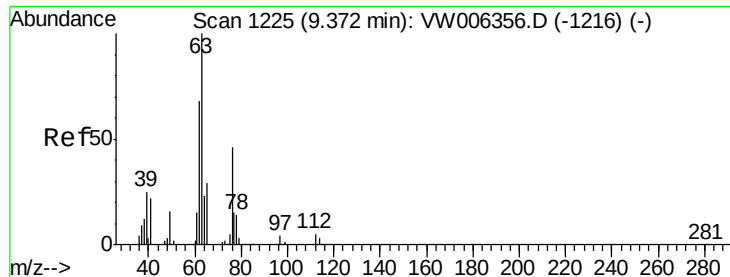
95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#





#40

1,2-Dichloropropane

Concen: 2.831 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

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Instrument :

MSVOA_W

ClientSampleId :

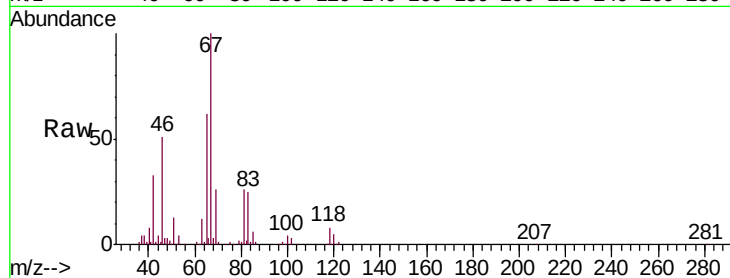
A40B2

Tgt Ion: 63 Resp: 13775

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW

8000

6000

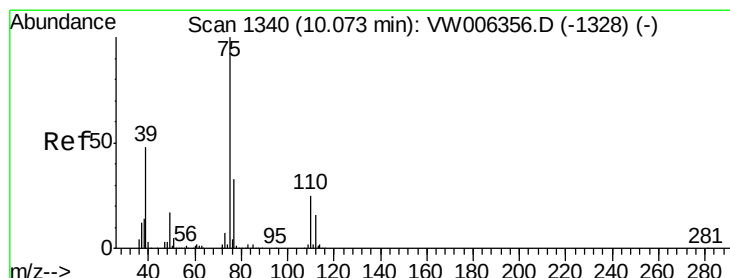
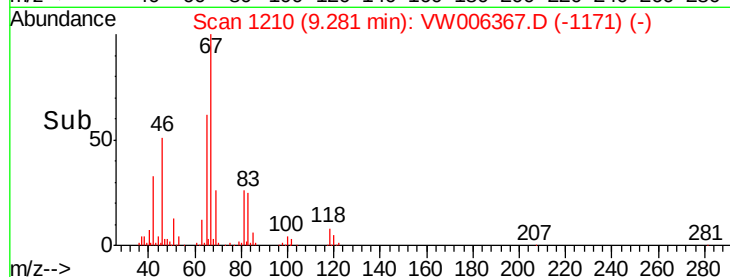
4000

2000

0

9.20 9.25 9.30 9.35

Time-->



#42

cis-1,3-Dichloropropene

Concen: 0.452 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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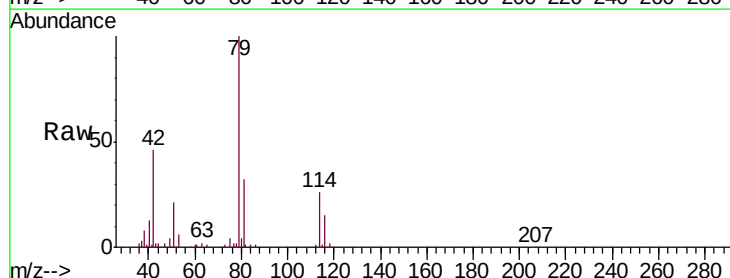
Acq: 25 Oct 2018 17:06

Tgt Ion: 75 Resp: 3595

Ion Ratio Lower Upper

75 100

77 54.3 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

2000

1500

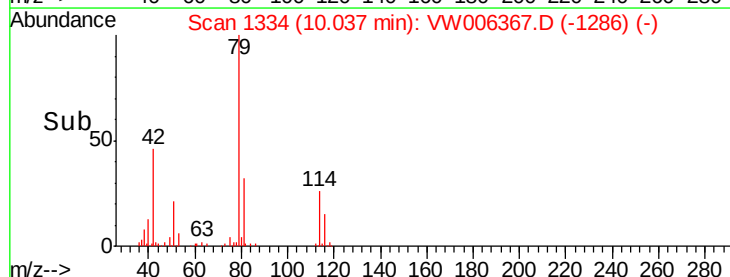
1000

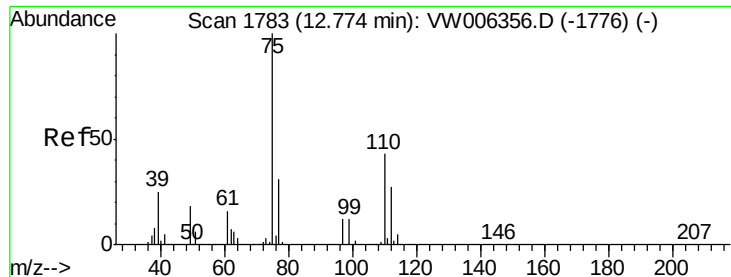
500

0

10.00 10.05

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.332 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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Acq: 25 Oct 2018 17:06

Instrument :

MSVOA_W

ClientSampleId :

A40B2

Tgt Ion: 75 Resp: 20951

Ion Ratio Lower Upper

75 100

77 36.3 25.9 38.9

