

Data File : VW005397.D
Acq On : 14 Sep 2018 19:28
Operator : SY/AP
Sample : J4865-21
Misc : 4.45G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB3P9RE

Quant Time: Sep 14 23:18:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 14 23:16:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	255765	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	196991	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	47934	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	77847	26.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.48%
7) Chloroethane-d5	2.89	69	63958	30.64	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.56%
10) 1,1-Dichloroethene-d2	4.02	63	106498	20.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.84%
20) 2-Butanone-d5	7.10	46	40186	36.15	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.30%
24) Chloroform-d	7.65	84	150297	31.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	126.04%
26) 1,2-Dichloroethane-d4	8.31	65	91961	30.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.56%
29) Benzene-d6	8.28	84	285232	36.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	144.28%#
33) 1,2-Dichloropropane-d6	9.28	67	84692	37.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	150.08%#
37) Toluene-d8	10.33	98	253055	31.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	126.36%
38) trans-1,3-Dichloropropene-	10.58	79	33140	29.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	117.36%
39) 2-Hexanone-d5	10.93	63	29210	41.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	48394	20.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	37978	26.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.60%

Target Compounds

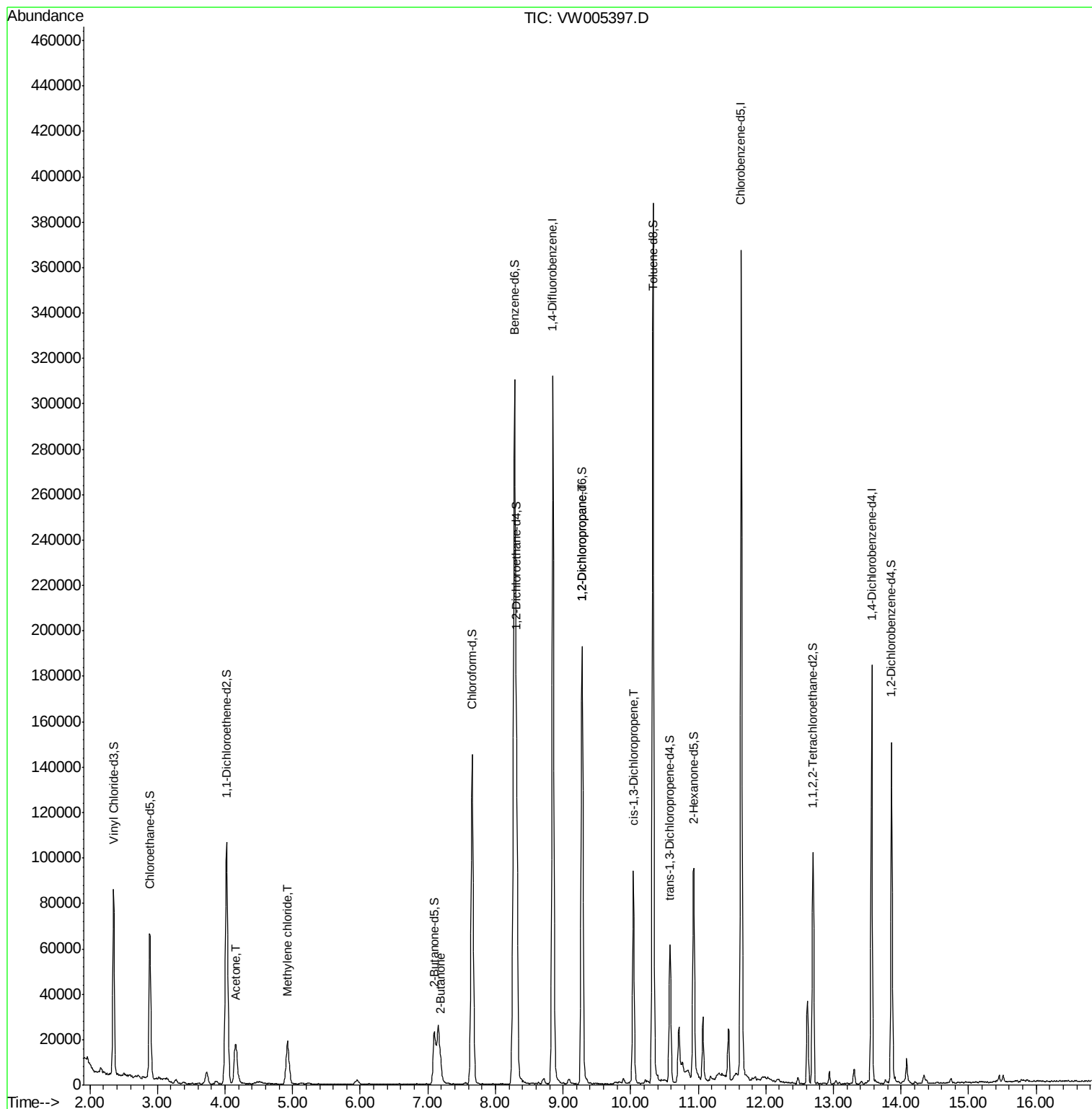
					Qvalue
13) Acetone	4.15	43	35742	34.242 ug/L	99
16) Methylene chloride	4.92	84	13989	2.880 ug/L	88
21) 2-Butanone	7.20	43	11234	7.023 ug/L	81
40) 1,2-Dichloropropane	9.28	63	10557	3.897 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	2528	0.632 ug/L #	79

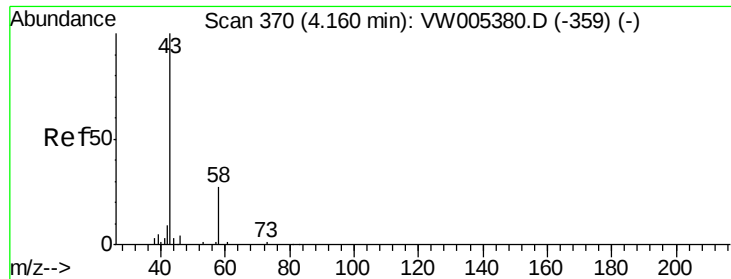
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 34.242 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

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Acq: 14 Sep 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

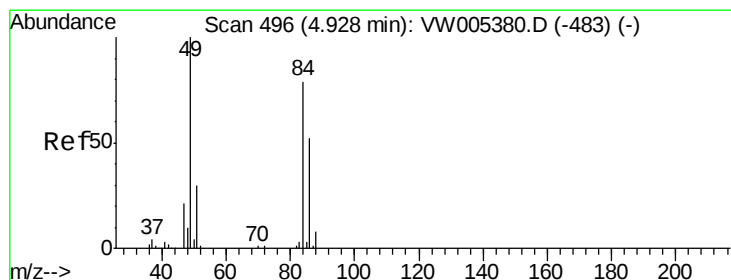
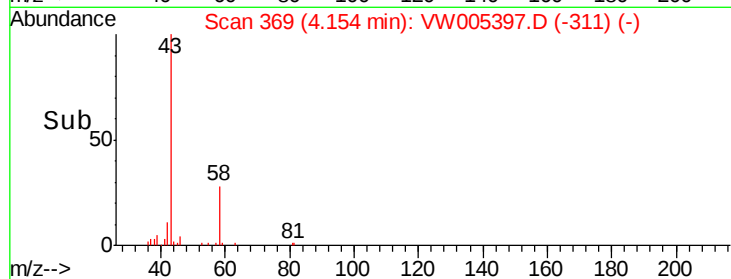
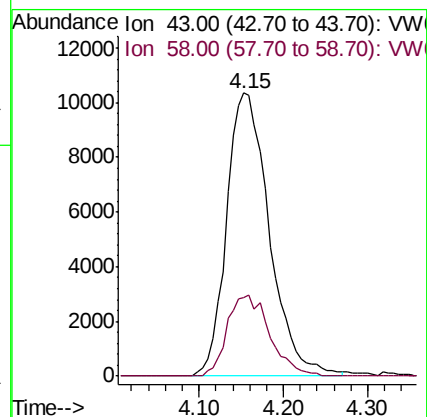
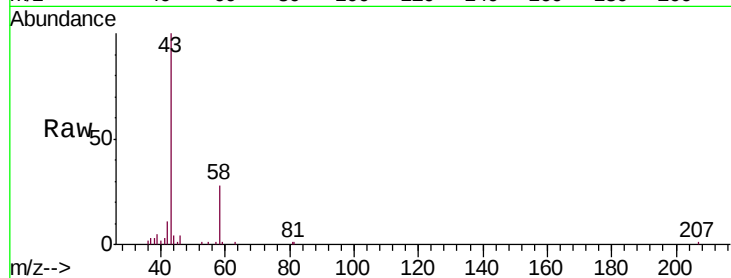
DB3P9RE

Tgt Ion: 43 Resp: 35742

Ion Ratio Lower Upper

43 100

58 28.4 0.0 57.6



#16

Methylene chloride

Concen: 2.880 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

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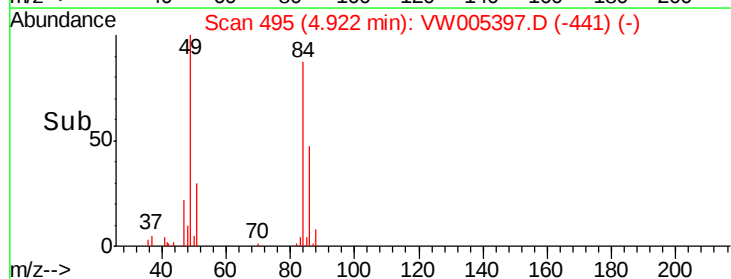
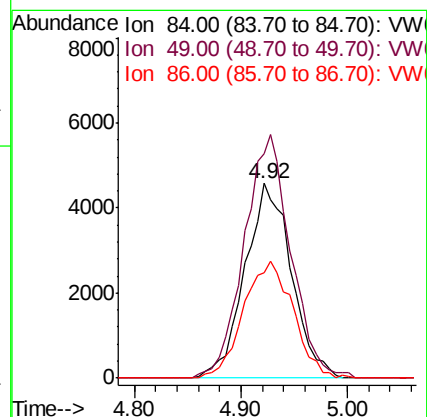
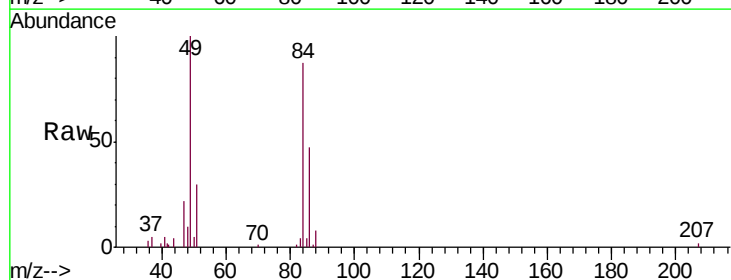
Tgt Ion: 84 Resp: 13989

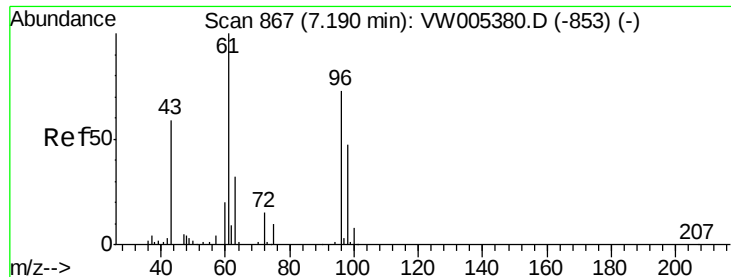
Ion Ratio Lower Upper

84 100

49 115.6 90.9 168.7

86 54.3 43.6 81.0





#21

2-Butanone

Concen: 7.023 ug/L

RT: 7.20 min Scan# 868

Delta R.T. 0.02 min

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Instrument :

MSVOA_W

ClientSampleId :

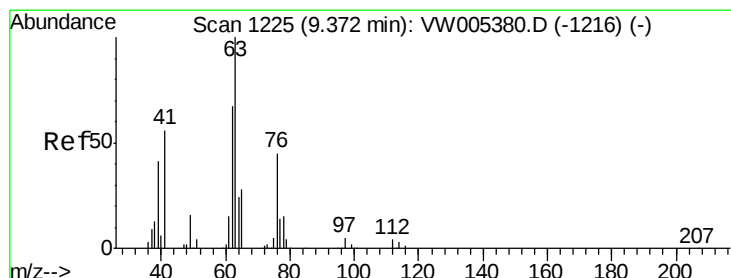
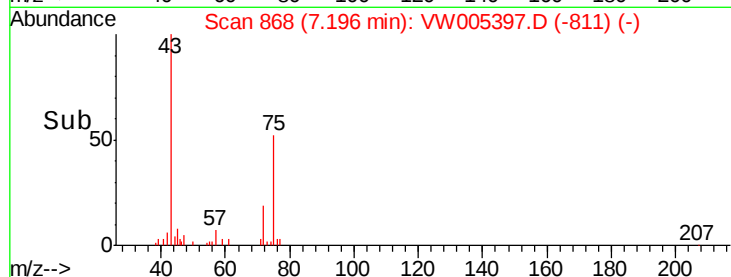
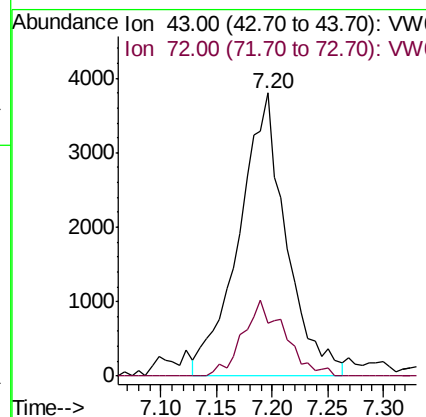
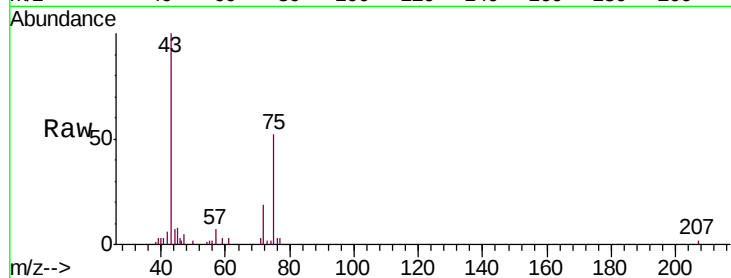
DB3P9RE

Tgt Ion: 43 Resp: 11234

Ion Ratio Lower Upper

43 100

72 14.1 11.8 35.4



#40

1,2-Dichloropropane

Concen: 3.897 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.10 min

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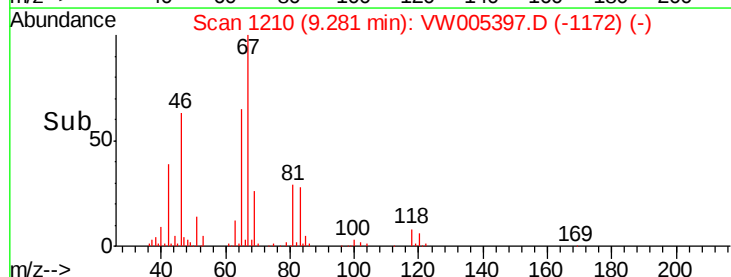
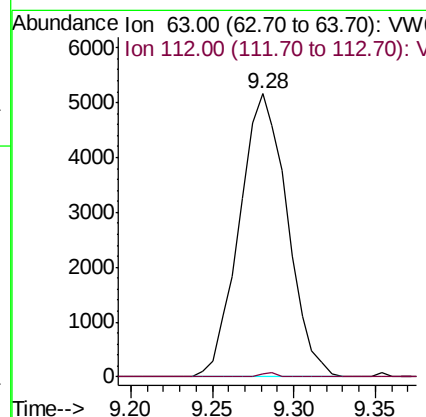
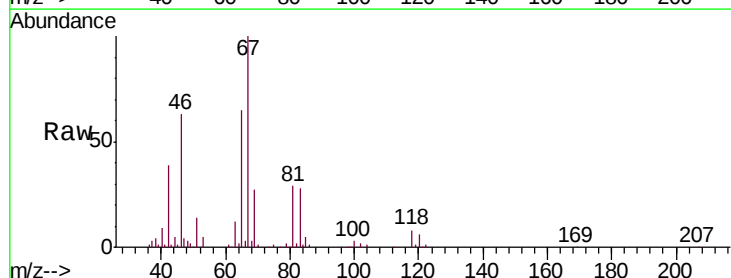
Acq: 14 Sep 2018 19:28

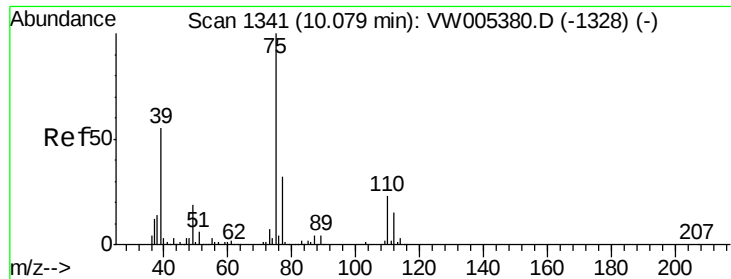
Tgt Ion: 63 Resp: 10557

Ion Ratio Lower Upper

63 100

112 0.5 3.4 5.2#





#42

cis-1,3-Dichloropropene

Concen: 0.632 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW005397.D

Acq: 14 Sep 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

DB3P9RE

Tgt Ion: 75 Resp: 2528

Ion Ratio Lower Upper

75 100

77 43.5 22.3 41.3#

