

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091418\
 Data File : VW005373.D
 Acq On : 14 Sep 2018 01:50
 Operator : SY/AP
 Sample : J4865-10
 Misc : 4.68G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3N8

Quant Time: Sep 14 06:58:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 06:56:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	314448	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	326621	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	156745	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	63854	17.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.36%
7) Chloroethane-d5	2.89	69	51798	20.19	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.76%
10) 1,1-Dichloroethene-d2	4.03	63	84187	12.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.96%
20) 2-Butanone-d5	7.09	46	41741	30.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.08%
24) Chloroform-d	7.66	84	129566	22.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.36%
26) 1,2-Dichloroethane-d4	8.31	65	85147	22.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.80%
29) Benzene-d6	8.28	84	252697	19.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.08%
33) 1,2-Dichloropropane-d6	9.28	67	78416	20.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.80%
37) Toluene-d8	10.33	98	251224	18.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.64%
38) trans-1,3-Dichloropropene-	10.59	79	35895	19.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.68%
39) 2-Hexanone-d5	10.93	63	33256	28.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.06%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	71645	18.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	102087	21.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.80%

Target Compounds

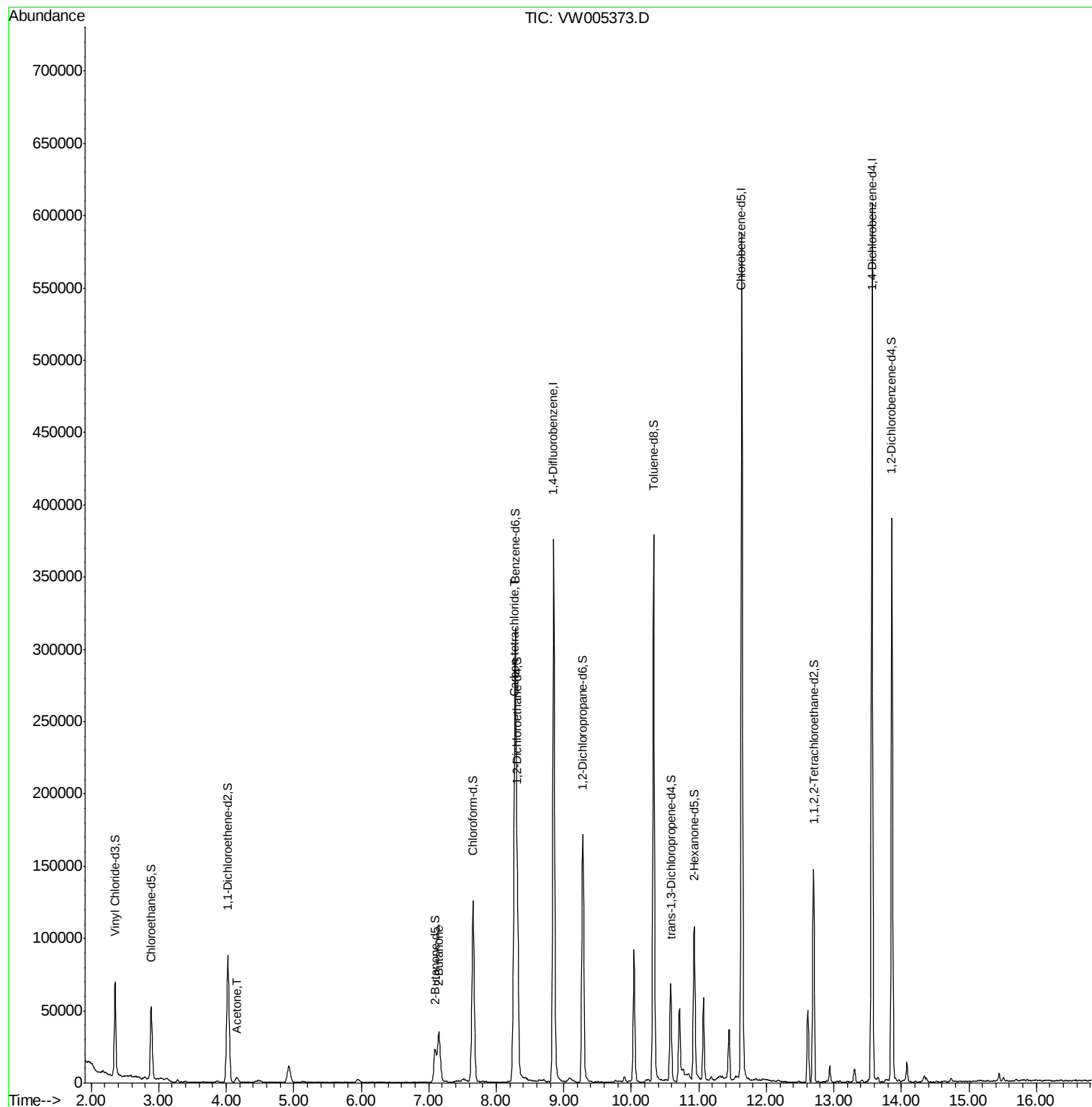
					Qvalue
13) Acetone	4.15	43	5061	3.944 ug/L	70
21) 2-Butanone	7.15	43	1141	0.580 ug/L	97
32) Carbon tetrachloride	8.26	117	2199	0.319 ug/L #	22

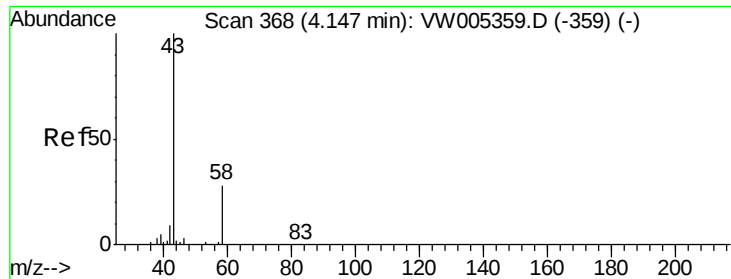
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.944 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW005373.D

Acq: 14 Sep 2018 01:50

Instrument :

MSVOA_W

ClientSampleId :

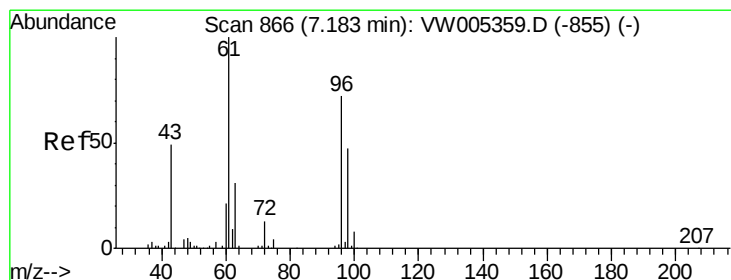
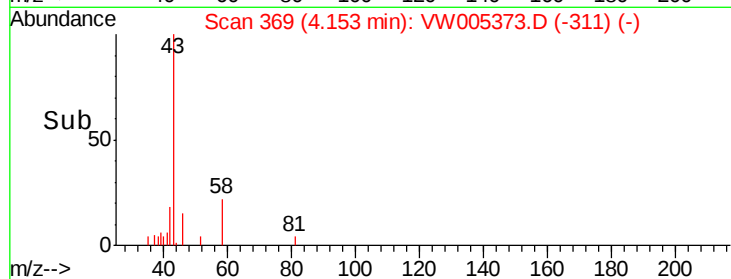
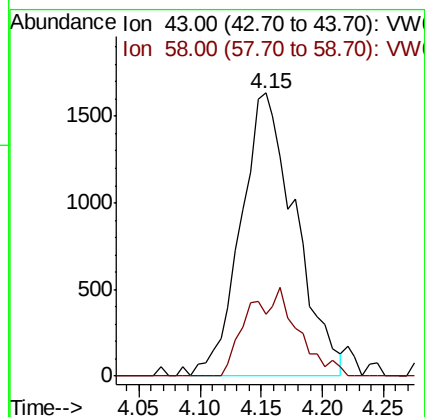
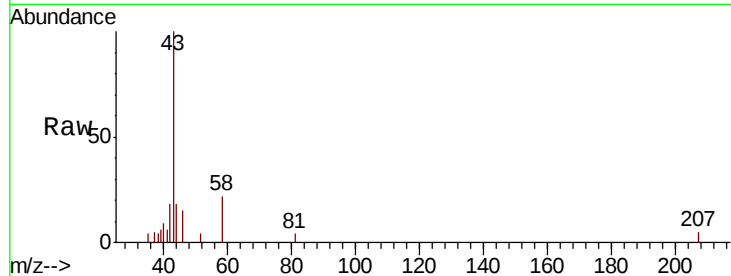
DB3N8

Tgt Ion: 43 Resp: 5061

Ion Ratio Lower Upper

43 100

58 12.8 0.0 57.6



#21

2-Butanone

Concen: 0.580 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

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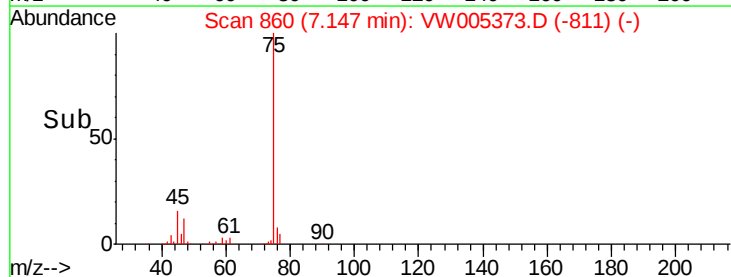
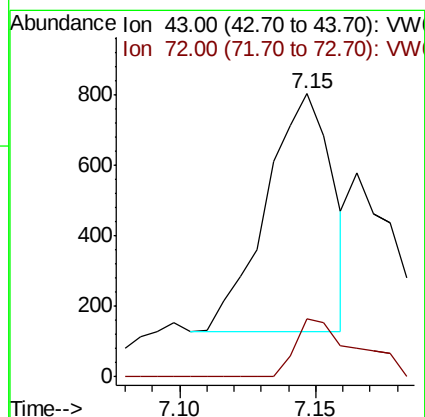
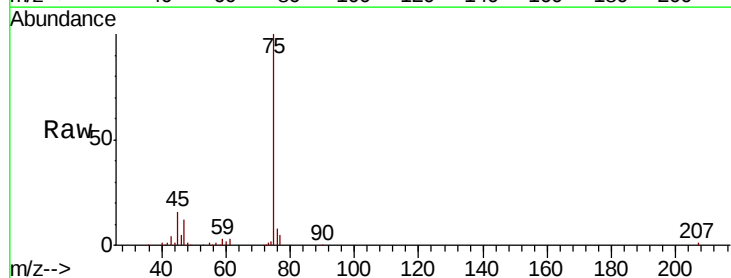
Acq: 14 Sep 2018 01:50

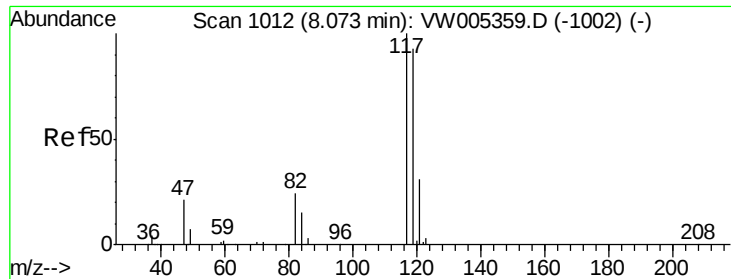
Tgt Ion: 43 Resp: 1141

Ion Ratio Lower Upper

43 100

72 22.2 11.8 35.4





#32
 Carbon tetrachloride
 Concen: 0.319 ug/L
 RT: 8.26 min Scan# 1043
 Delta R.T. 0.19 min
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 Acq: 14 Sep 2018 01:50

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3N8

Tgt Ion:117 Resp: 2199
 Ion Ratio Lower Upper
 117 100
 119 19.6 77.0 115.6#

