

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102818\
 Data File : VW006416.D
 Acq On : 26 Oct 2018 19:47
 Operator : SY/AP
 Sample : J5635-27
 Misc : 5.44G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40H7

Quant Time: Oct 26 23:50:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 23:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	353589	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	322737	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	155470	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	72664	18.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.88%
7) Chloroethane-d5	2.90	69	75392	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.88%
10) 1,1-Dichloroethene-d2	4.01	63	118524	15.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.92%
20) 2-Butanone-d5	7.09	46	47082	35.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.24%
24) Chloroform-d	7.65	84	191463	25.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	8.31	65	107695	25.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.68%
29) Benzene-d6	8.28	84	374066	25.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.12%
33) 1,2-Dichloropropane-d6	9.28	67	113626	25.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.76%
37) Toluene-d8	10.33	98	357952	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.72%
38) trans-1,3-Dichloropropene-	10.58	79	41815	19.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.84%
39) 2-Hexanone-d5	10.93	63	37004	34.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102663	23.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	140935	26.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.80%

Target Compounds

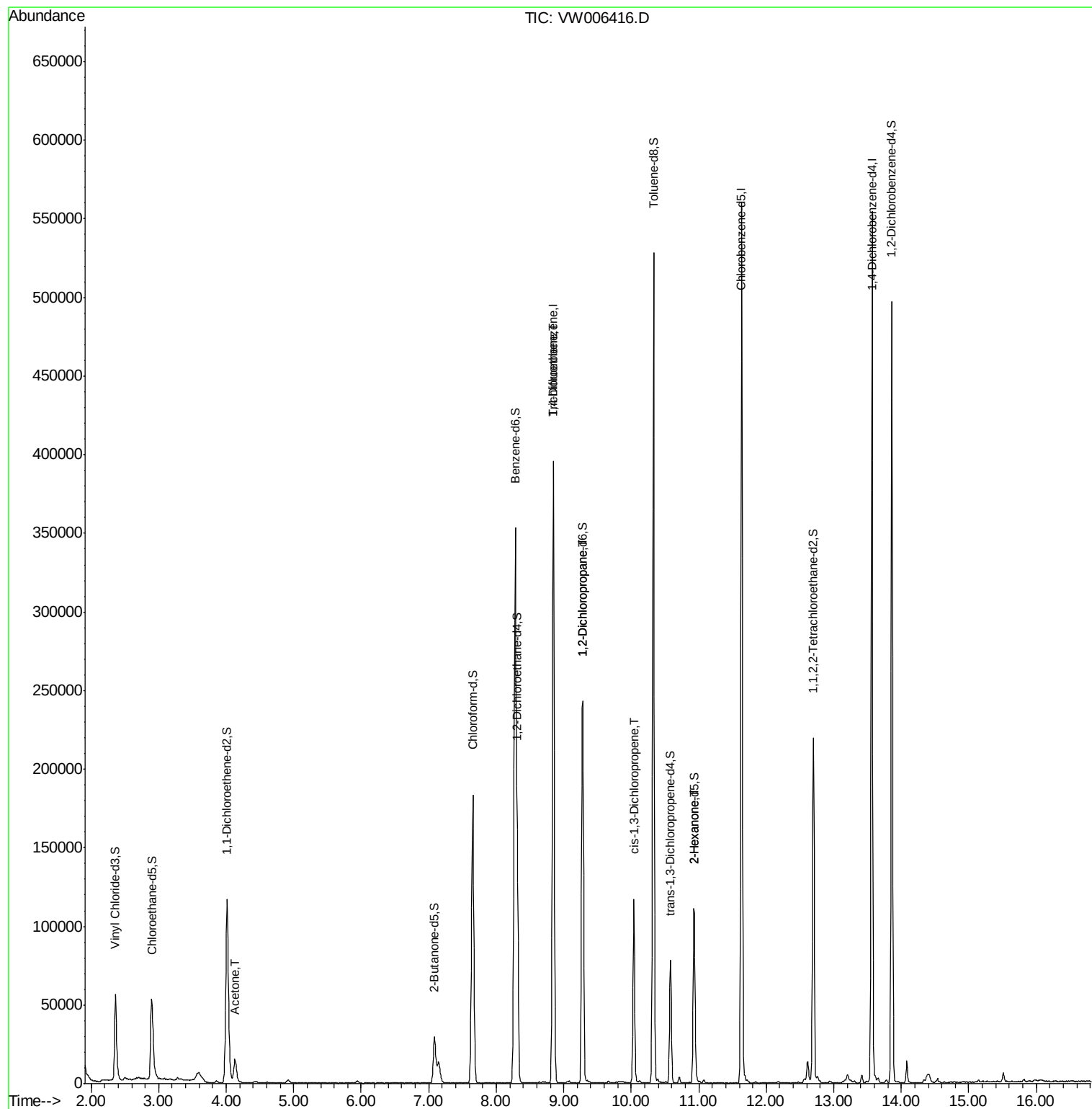
					Qvalue
13) Acetone	4.13	43	26075	19.527 ug/L	100
35) Trichloroethene	8.84	95	10234	2.195 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	13121	3.192 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2898	0.432 ug/L #	62
49) 2-Hexanone	10.93	43	8104	3.339 ug/L #	61

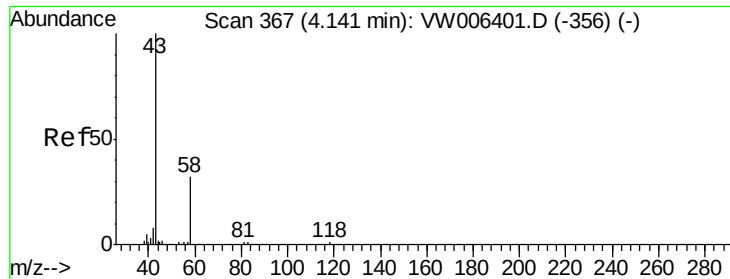
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 26 23:43:44 2018
Response via : Initial Calibration





#13

Acetone

Concen: 19.527 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW006416.D

Acq: 26 Oct 2018 19:47

Instrument :

MSVOA_W

ClientSampled :

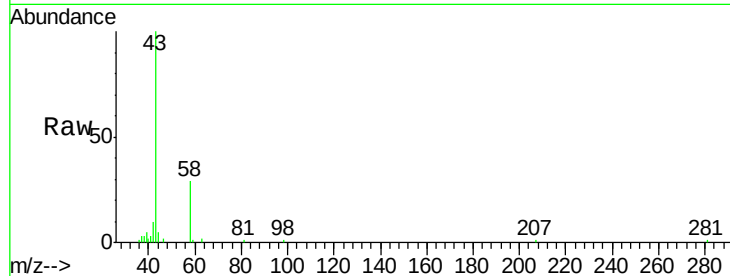
A40H7

Tgt Ion: 43 Resp: 26075

Ion Ratio Lower Upper

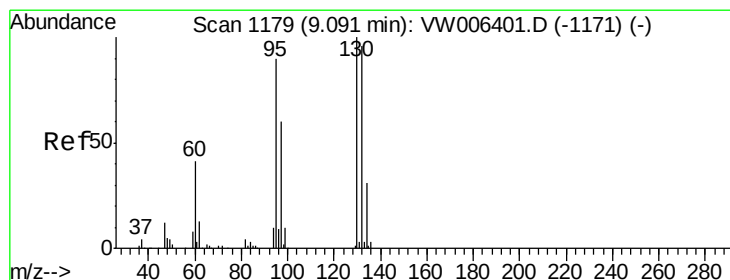
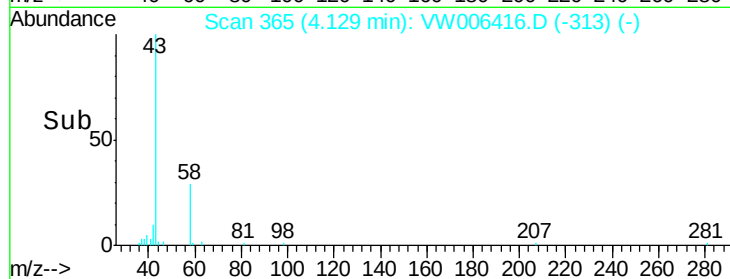
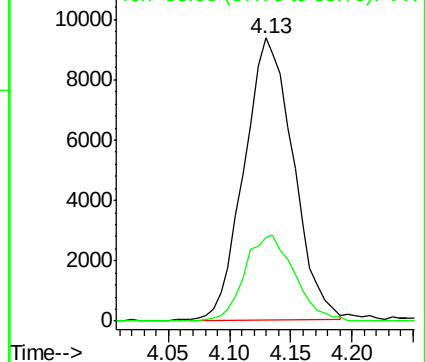
43 100

58 30.8 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.195 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW006416.D

Acq: 26 Oct 2018 19:47

Tgt Ion: 95 Resp: 10234

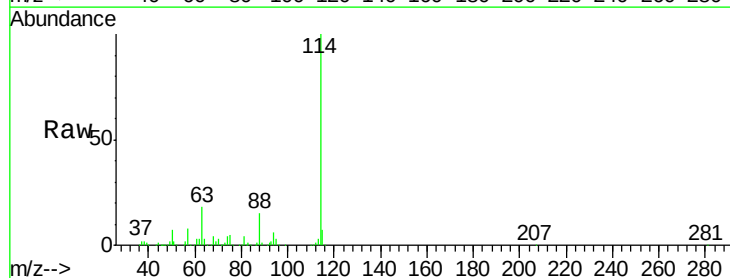
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#

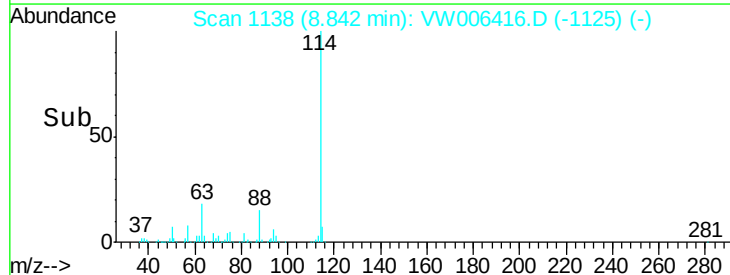
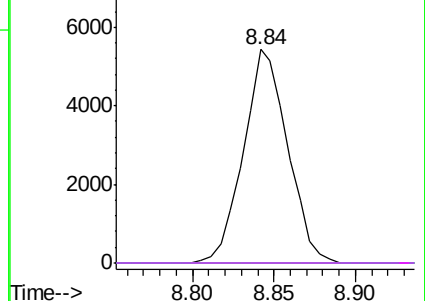


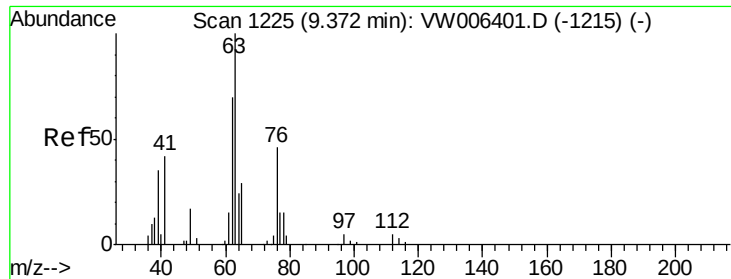
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

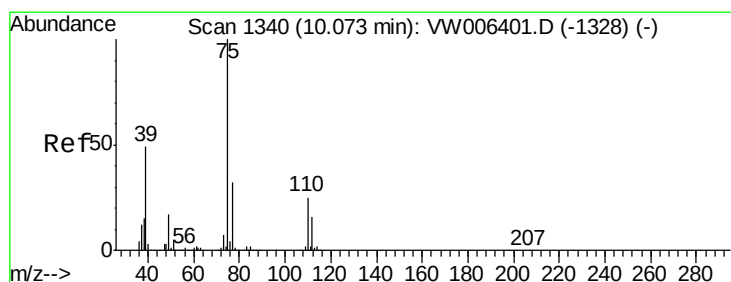
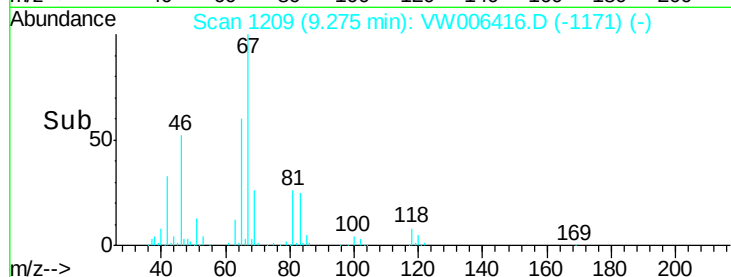
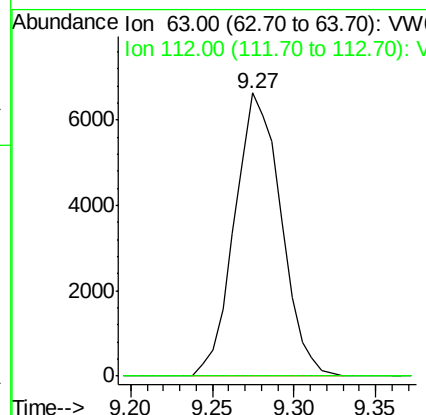
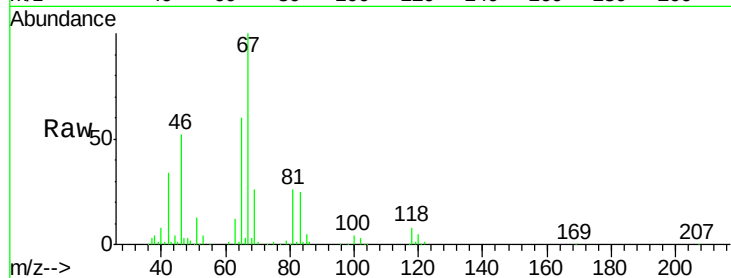




#40
 1,2-Dichloropropane
 Concen: 3.192 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW006416.D
 Acq: 26 Oct 2018 19:47

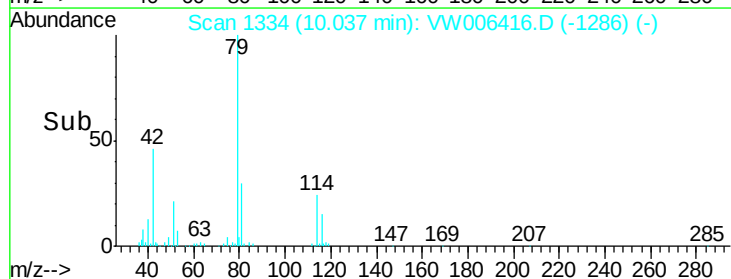
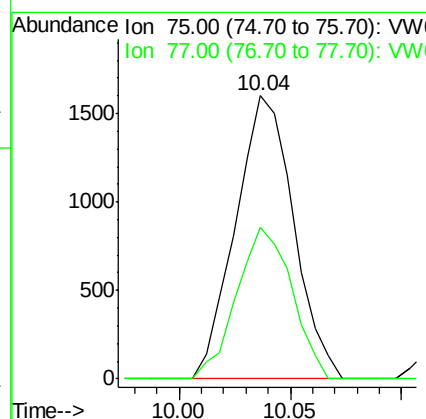
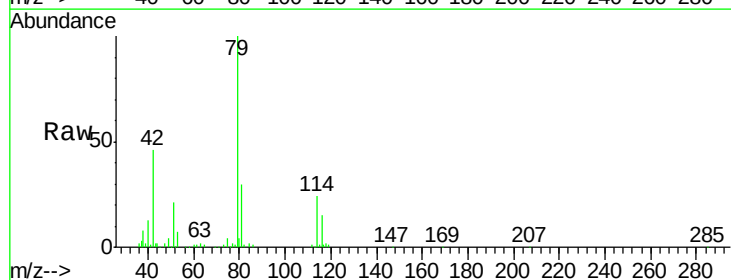
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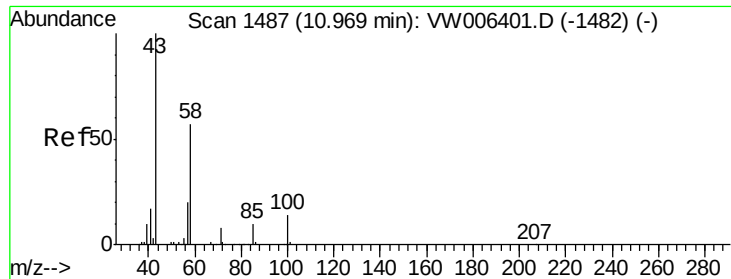
Tgt Ion: 63 Resp: 13121
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#42
 cis-1,3-Dichloropropene
 Concen: 0.432 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW006416.D
 Acq: 26 Oct 2018 19:47

Tgt Ion: 75 Resp: 2898
 Ion Ratio Lower Upper
 75 100
 77 53.6 22.6 42.0#





#49
 2-Hexanone
 Concen: 3.339 ug/L
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.04 min
 Lab File: VW006416.D
 Acq: 26 Oct 2018 19:47

Instrument :
 MSVOA_W
 ClientSampleId :
 A40H7

Tgt Ion: 43 Resp: 8104
 Ion Ratio Lower Upper
 43 100
 58 15.3 42.1 63.1#
 57 16.5 15.1 22.7
 100 0.0 9.9 14.9#

