

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
 Data File : VW004272.D
 Acq On : 27 Jul 2018 15:05
 Operator : SY/AP
 Sample : J4169-05
 Misc : 5.58G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY60

Quant Time: Jul 27 23:17:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 23:17:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	403488	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	364408	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	149915	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	113061	27.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.32%
7) Chloroethane-d5	2.89	69	78457	26.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.24%
10) 1,1-Dichloroethene-d2	4.01	63	189981	19.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.36%
20) 2-Butanone-d5	7.09	46	92289	40.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.26%
24) Chloroform-d	7.65	84	263287	25.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.96%
26) 1,2-Dichloroethane-d4	8.31	65	157933	25.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.68%
29) Benzene-d6	8.27	84	531982	27.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.20%
33) 1,2-Dichloropropane-d6	9.27	67	176722	27.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.04%
37) Toluene-d8	10.33	98	484682	26.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.20%
38) trans-1,3-Dichloropropene-	10.58	79	73790	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.24%
39) 2-Hexanone-d5	10.93	63	70226	41.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.20%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	148967	22.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	154101	27.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.00%

Target Compounds

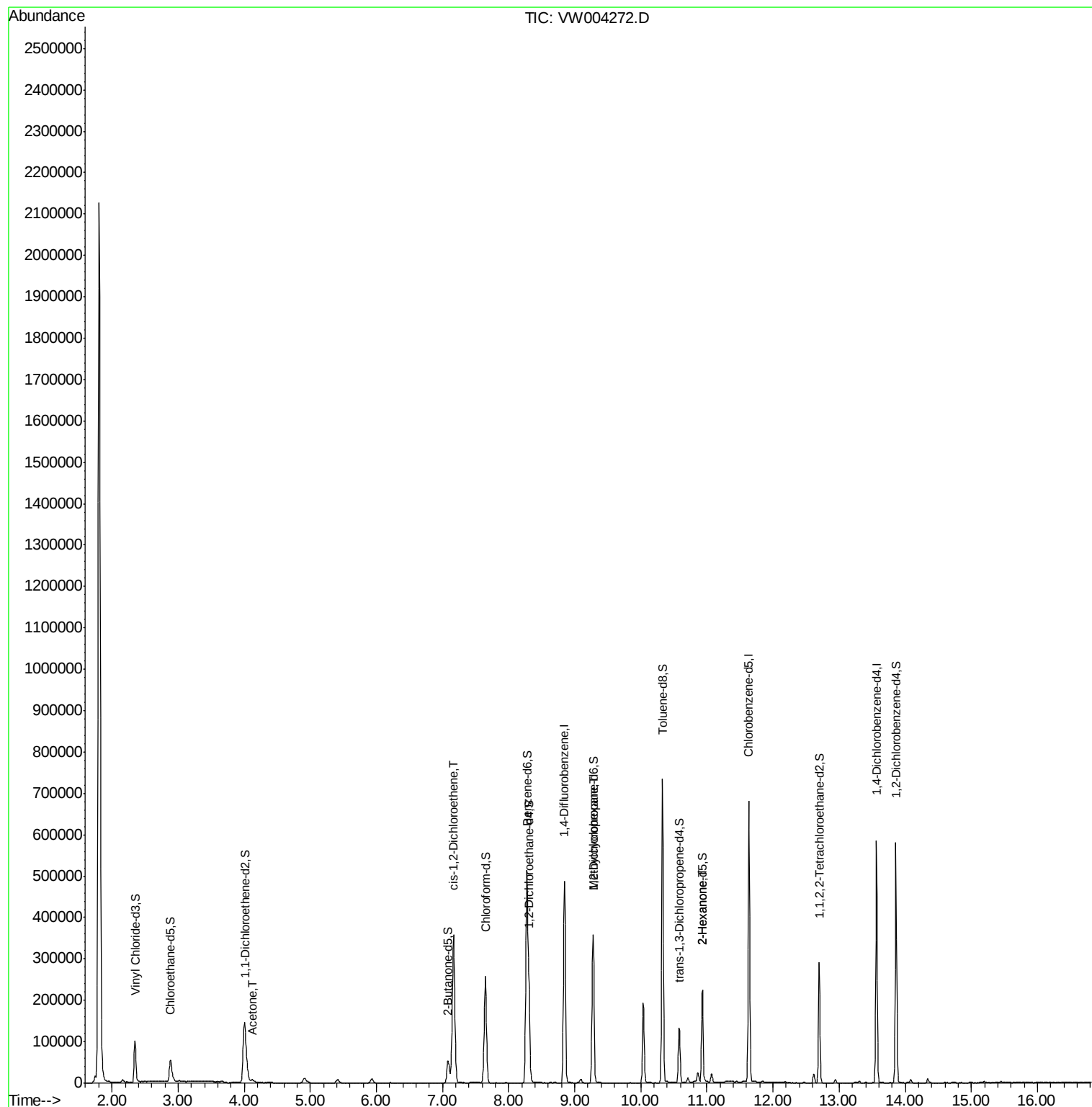
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	8274	3.563	ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	205957	37.696	ug/L	96
36) Methylcyclohexane	9.28	83	40651	4.414	ug/L #	18
49) 2-Hexanone	10.93	43	9836	2.477	ug/L #	70

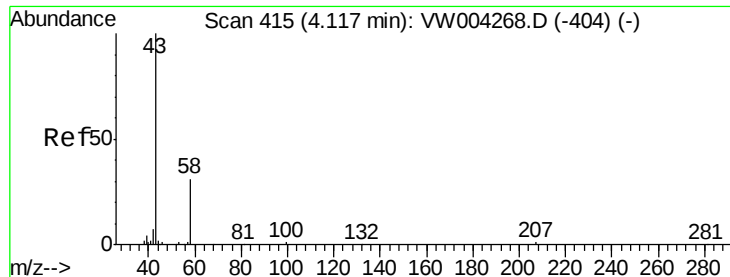
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 27 23:17:19 2018
Response via : Initial Calibration





#13

Acetone

Concen: 3.563 ug/L

RT: 4.12 min Scan# 415

Delta R.T. -0.00 min

Lab File: VW004272.D

Acq: 27 Jul 2018 15:05

Instrument :

MSVOA_W

ClientSampled :

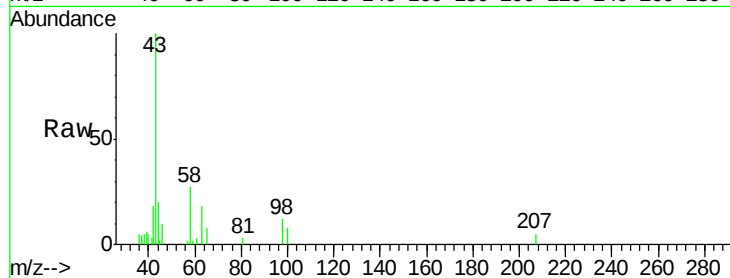
BEY60

Tgt Ion: 43 Resp: 8274

Ion Ratio Lower Upper

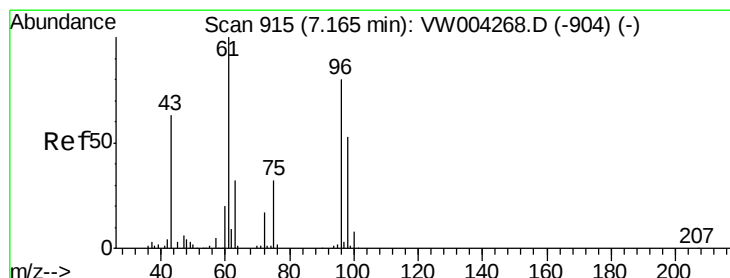
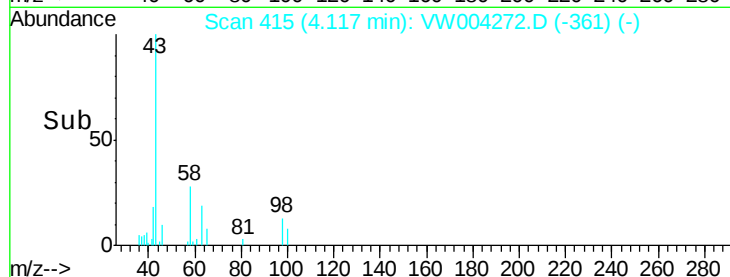
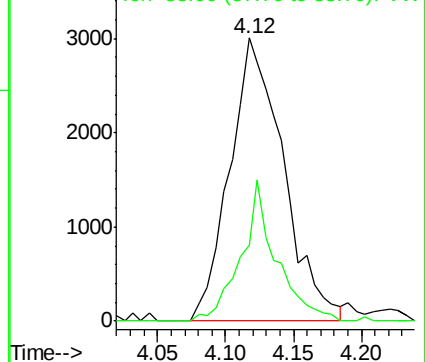
43 100

58 32.4 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#22

cis-1,2-Dichloroethene

Concen: 37.696 ug/L

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004272.D

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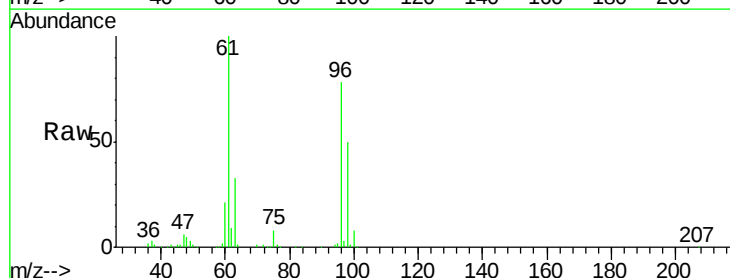
Tgt Ion: 96 Resp: 205957

Ion Ratio Lower Upper

96 100

61 128.7 95.1 176.7

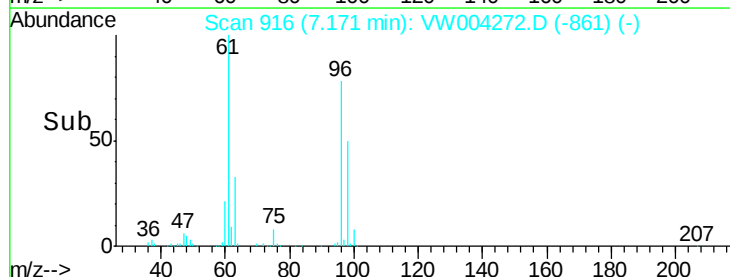
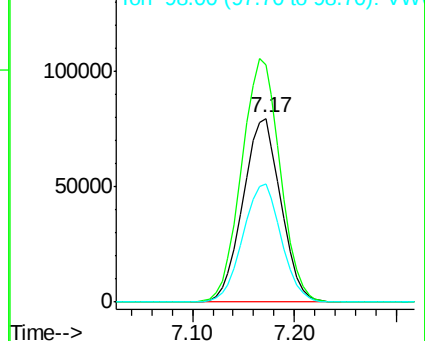
98 64.1 45.2 84.0

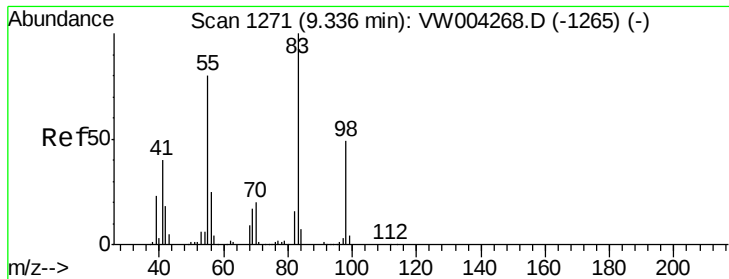


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW

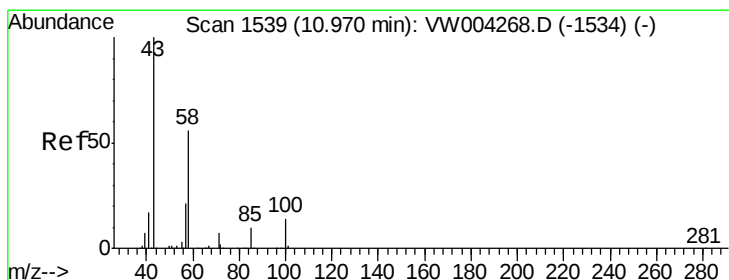
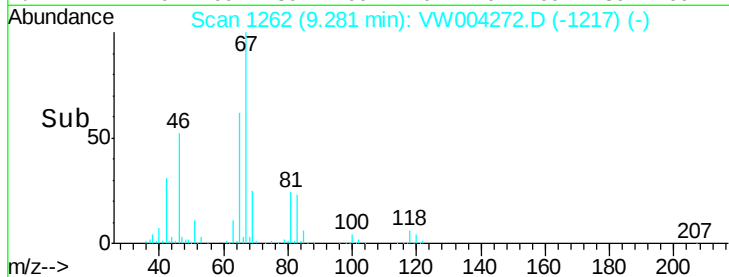
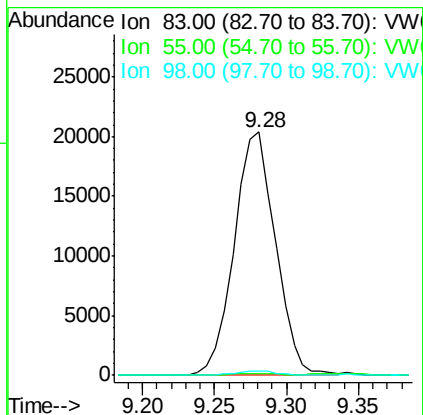
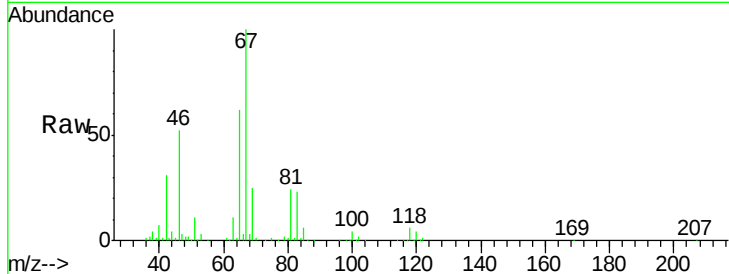




#36
Methylcyclohexane
Concen: 4.414 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.05 min
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Instrument :
MSVOA_W
ClientSampled :
BEY60

Tgt Ion: 83 Resp: 40651
Ion Ratio Lower Upper
83 100
55 0.7 65.5 98.3#
98 1.8 37.1 55.7#



#49
2-Hexanone
Concen: 2.477 ug/L
RT: 10.93 min Scan# 1532
Delta R.T. -0.04 min
Lab File: VW004272.D
Acq: 27 Jul 2018 15:05

Tgt Ion: 43 Resp: 9836
Ion Ratio Lower Upper
43 100
58 27.8 39.8 59.8#
57 31.6 13.9 20.9#
100 3.7 8.0 12.0#

