

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
 Data File : VW004278.D
 Acq On : 27 Jul 2018 17:57
 Operator : SY/AP
 Sample : J4205-03
 Misc : 4.65G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JJ1L0

Quant Time: Jul 27 23:18:08 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	14652	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	12698	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	3804	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	6469	43.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	175.40%#
7) Chloroethane-d5	2.89	69	5346	49.83	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	199.32%#
10) 1,1-Dichloroethene-d2	4.03	63	9872	28.04	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	112.16%#
20) 2-Butanone-d5	7.09	46	3030	36.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.56%
24) Chloroform-d	7.65	84	11715	31.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	124.92%
26) 1,2-Dichloroethane-d4	8.31	65	6913	30.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.56%
29) Benzene-d6	8.28	84	21422	31.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.32%
33) 1,2-Dichloropropane-d6	9.28	67	6981	31.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.76%#
37) Toluene-d8	10.33	98	16041	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.88%
38) trans-1,3-Dichloropropene-	10.58	79	2152	21.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.72%
39) 2-Hexanone-d5	10.93	63	1491	25.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.70%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	5622	24.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	3849	27.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.28%

Target Compounds

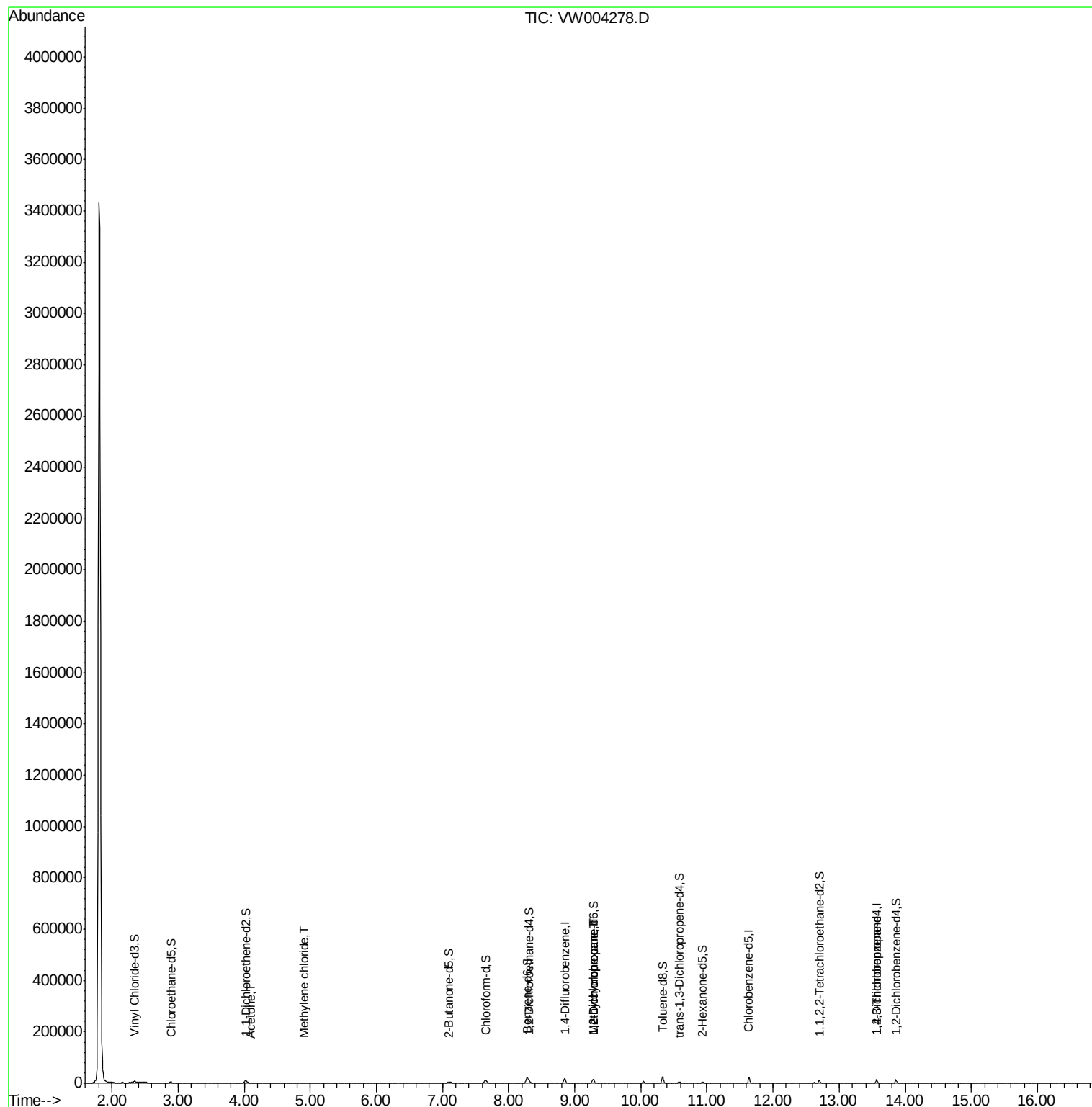
					Qvalue
13) Acetone	4.10	43	239	2.834 ug/L	82
16) Methylene chloride	4.92	84	703	3.422 ug/L #	85
36) Methylcyclohexane	9.29	83	965	3.007 ug/L #	16
40) 1,2-Dichloropropane	9.28	63	694	3.501 ug/L #	88
59) 1,2,3-Trichloropropane	13.57	75	635	3.765 ug/L #	88

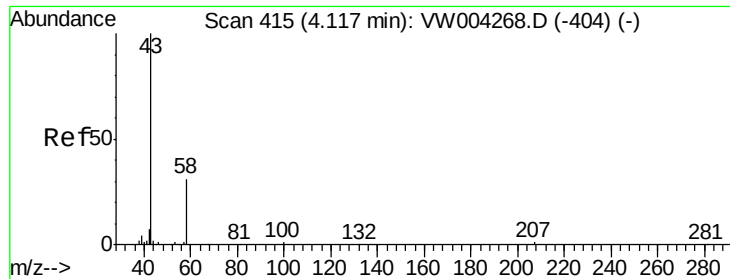
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.834 ug/L

RT: 4.10 min Scan# 412

Delta R.T. -0.02 min

Lab File: VW004278.D

Acq: 27 Jul 2018 17:57

Instrument :

MSVOA_W

ClientSampled :

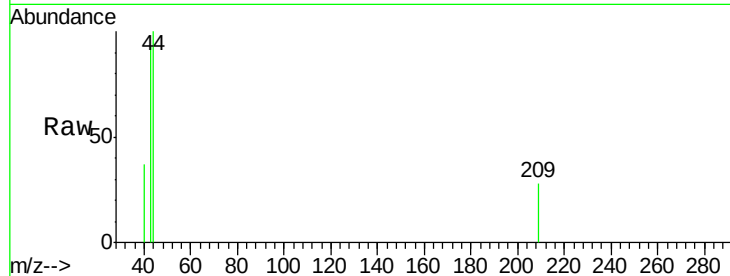
JJ1L0

Tgt Ion: 43 Resp: 239

Ion Ratio Lower Upper

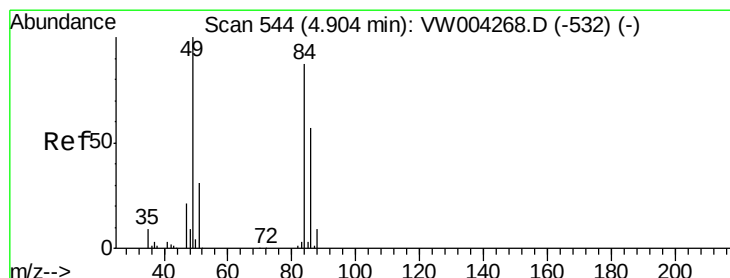
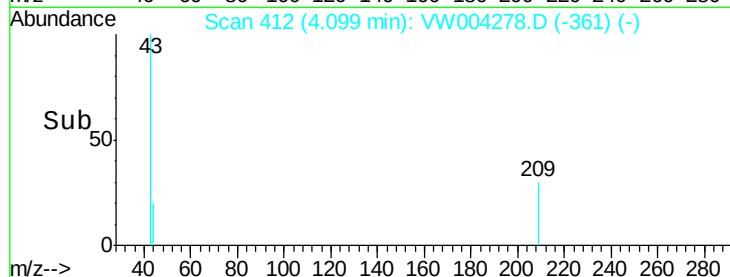
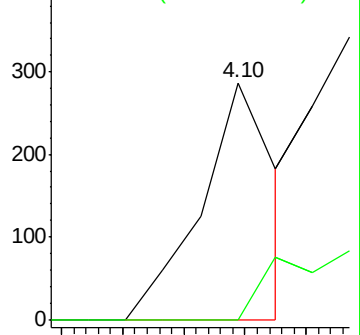
43 100

58 20.1 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.422 ug/L

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

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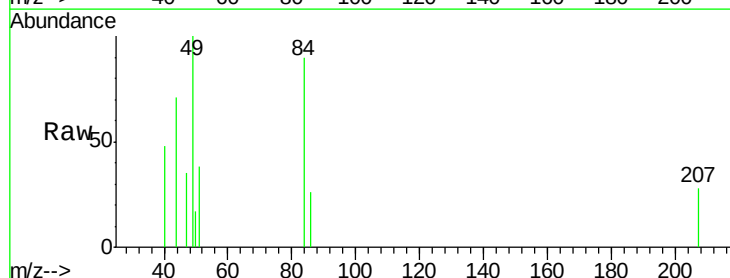
Tgt Ion: 84 Resp: 703

Ion Ratio Lower Upper

84 100

49 129.2 90.9 168.7

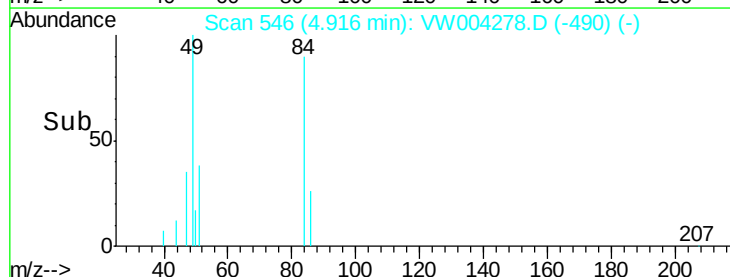
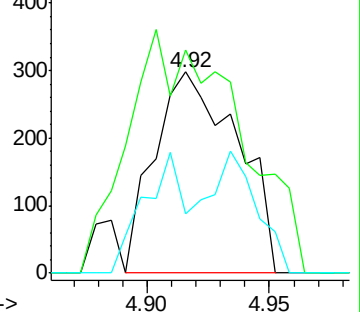
86 29.2 44.4 82.5#

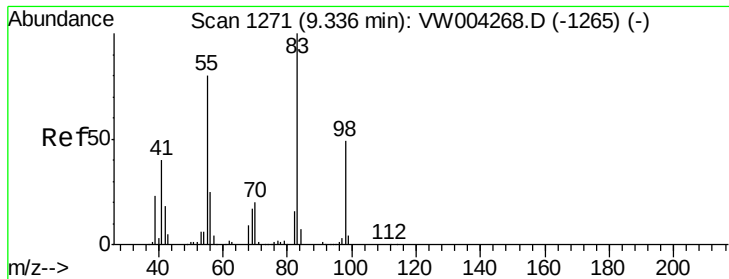


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

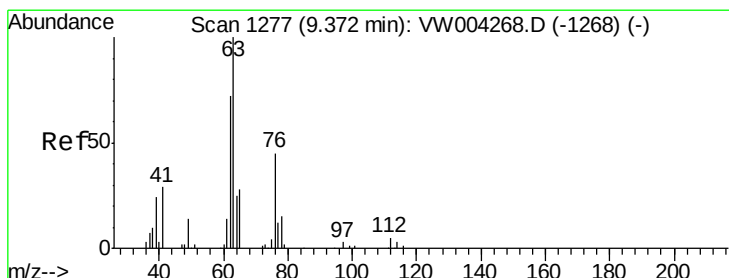
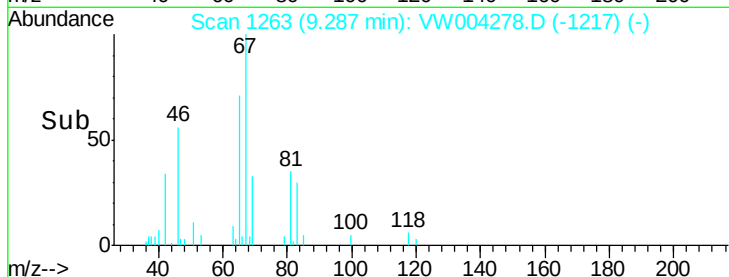
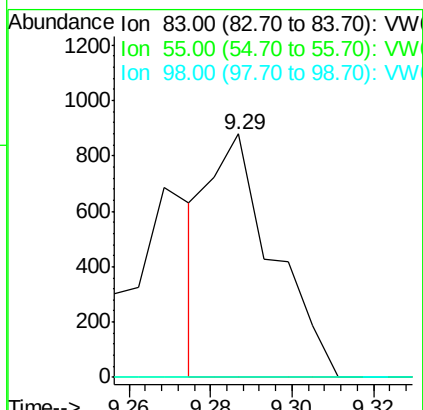
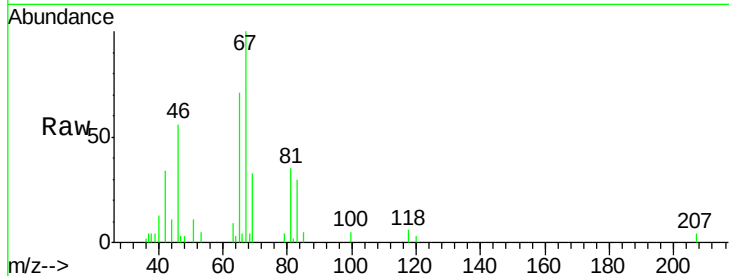




#36
Methylcyclohexane
Concen: 3.007 ug/L
RT: 9.29 min Scan# 1263
Delta R.T. -0.05 min
Lab File: VW004278.D
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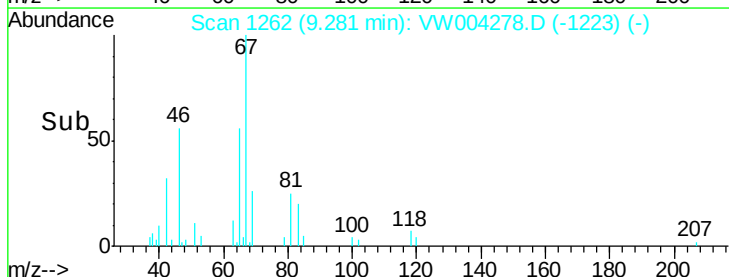
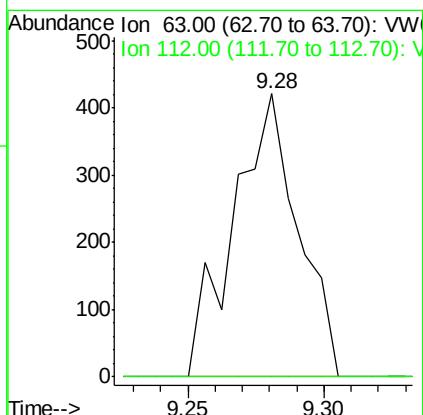
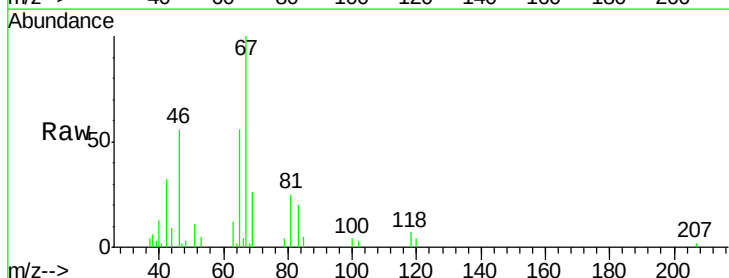
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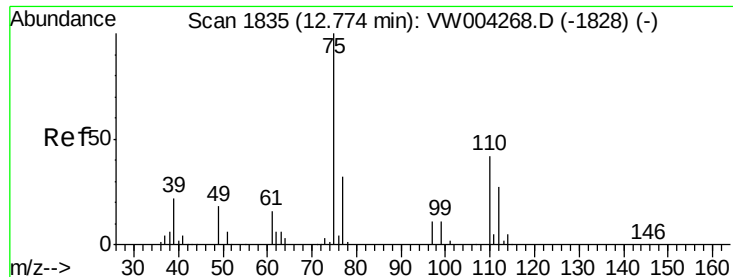
Tgt Ion: 83 Resp: 965
Ion Ratio Lower Upper
83 100
55 0.0 65.5 98.3#
98 0.0 37.1 55.7#



#40
1,2-Dichloropropane
Concen: 3.501 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.09 min
Lab File: VW004278.D
Acq: 27 Jul 2018 17:57

Tgt Ion: 63 Resp: 694
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#59

1,2,3-Trichloropropane

Concen: 3.765 ug/L

RT: 13.57 min Scan# 1966

Delta R.T. 0.80 min

Lab File: VW004278.D

Acq: 27 Jul 2018 17:57

Instrument :

MSVOA_W

ClientSampleId :

JJ1L0

Tgt Ion: 75 Resp: 635

Ion Ratio Lower Upper

75 100

77 38.0 25.2 37.8#

