

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
 Data File : VW004299.D
 Acq On : 28 Jul 2018 04:25
 Operator : SY/AP
 Sample : J4204-15
 Misc : 5.01G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JJ1K2

Quant Time: Jul 28 06:21:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 28 02:53:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	62243	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	62304	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	27897	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	21768	34.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	138.96%
7) Chloroethane-d5	2.89	69	15264	33.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	133.96%
10) 1,1-Dichloroethene-d2	4.00	63	29273	19.57	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.28%
20) 2-Butanone-d5	7.08	46	17708	49.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.84%
24) Chloroform-d	7.65	84	44111	27.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.72%
26) 1,2-Dichloroethane-d4	8.31	65	32369	33.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	135.08%#
29) Benzene-d6	8.28	84	81269	24.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.44%
33) 1,2-Dichloropropane-d6	9.27	67	26497	24.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.52%
37) Toluene-d8	10.33	98	74061	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.92%
38) trans-1,3-Dichloropropene-	10.58	79	12689	25.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.80%
39) 2-Hexanone-d5	10.93	63	13368	46.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.64%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	29433	26.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	30372	29.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.48%

Target Compounds

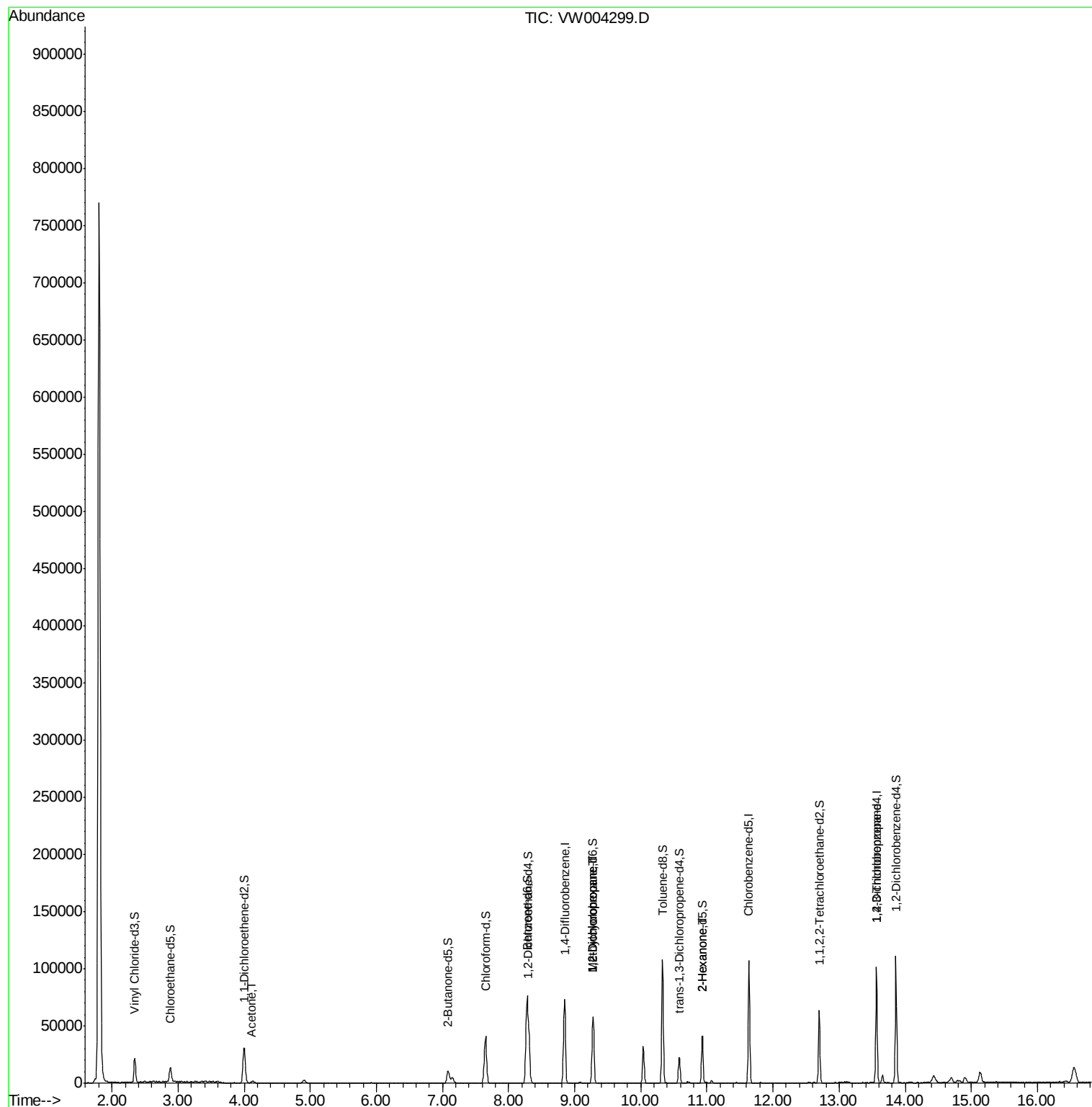
					Qvalue
13) Acetone	4.12	43	2624	7.326 ug/L	92
36) Methylcyclohexane	9.27	83	7125	4.524 ug/L #	17
40) 1,2-Dichloropropane	9.27	63	3117	3.205 ug/L #	88
49) 2-Hexanone	10.93	43	1660	2.445 ug/L #	67
59) 1,2,3-Trichloropropane	13.57	75	2543	3.073 ug/L #	60

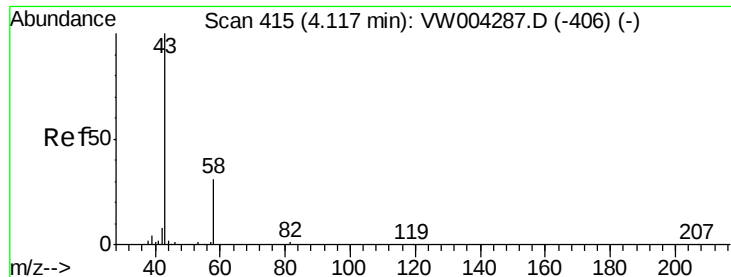
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.326 ug/L

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW004299.D

Acq: 28 Jul 2018 04:25

Instrument :

MSVOA_W

ClientSampled :

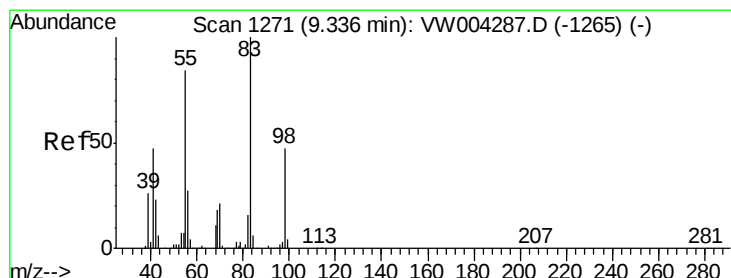
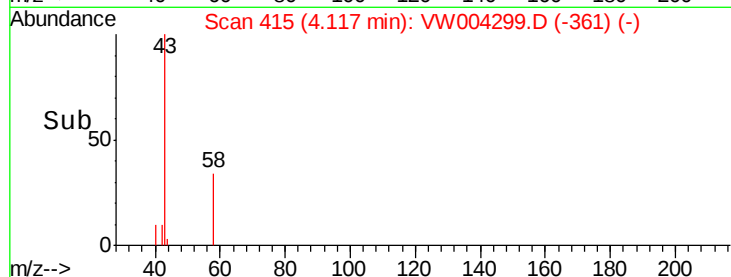
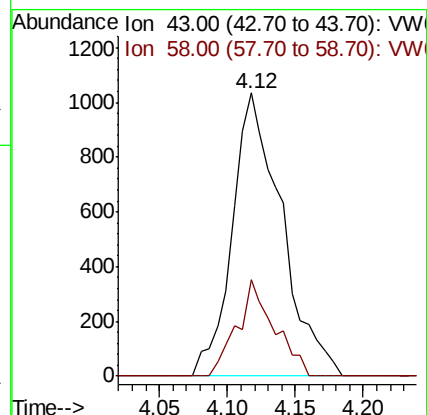
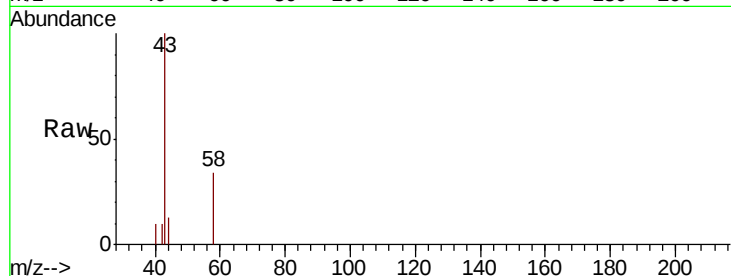
JJ1K2

Tgt Ion: 43 Resp: 2624

Ion Ratio Lower Upper

43 100

58 25.5 0.0 59.8



#36

Methylcyclohexane

Concen: 4.524 ug/L

RT: 9.27 min Scan# 1261

Delta R.T. -0.06 min

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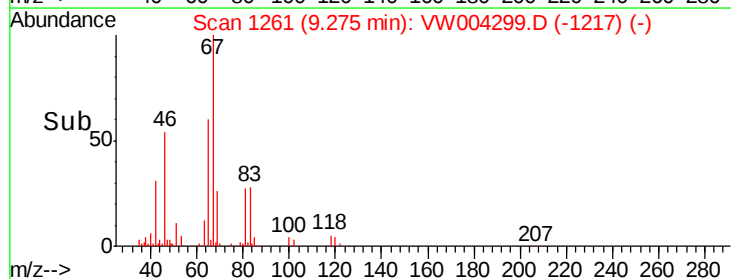
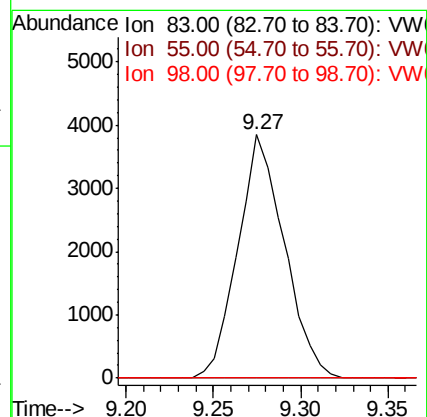
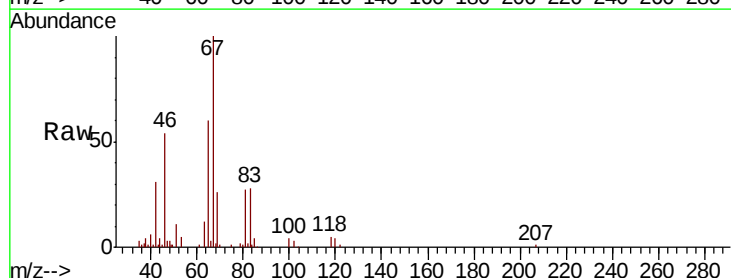
Tgt Ion: 83 Resp: 7125

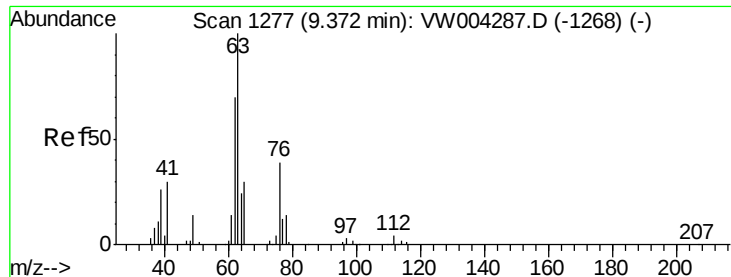
Ion Ratio Lower Upper

83 100

55 0.0 65.5 98.3#

98 1.9 37.1 55.7#





#40

1,2-Dichloropropane

Concen: 3.205 ug/L

RT: 9.27 min Scan# 1261

Delta R.T. -0.10 min

Lab File: VW004299.D

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Instrument :

MSVOA_W

ClientSampleId :

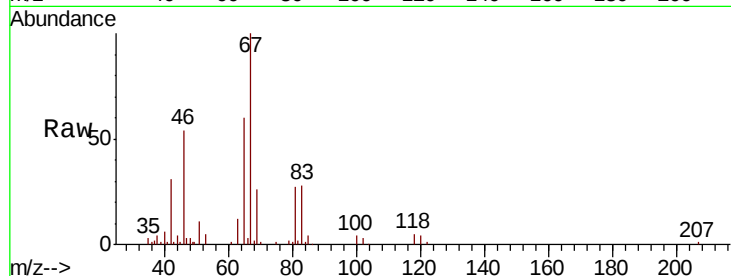
JJ1K2

Tgt Ion: 63 Resp: 3117

Ion Ratio Lower Upper

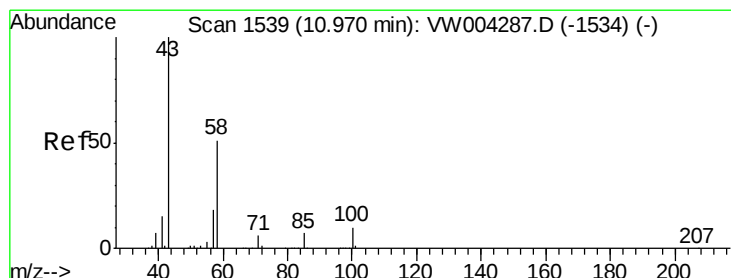
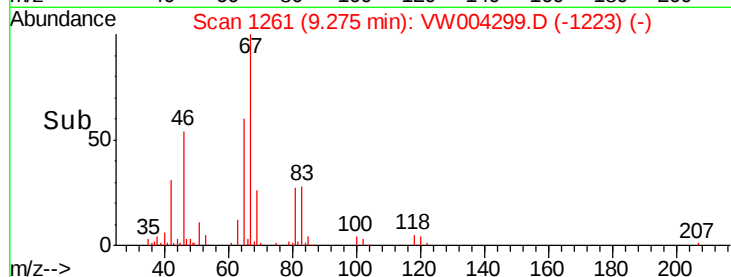
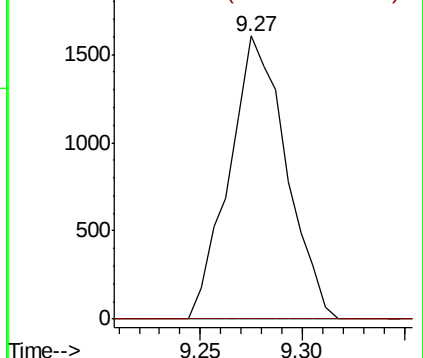
63 100

112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#49

2-Hexanone

Concen: 2.445 ug/L

RT: 10.93 min Scan# 1532

Delta R.T. -0.04 min

Lab File: VW004299.D

Acq: 28 Jul 2018 04:25

Tgt Ion: 43 Resp: 1660

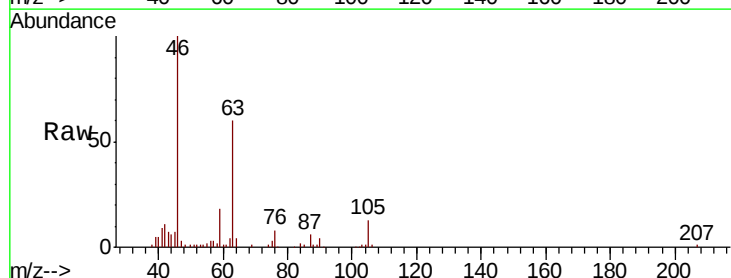
Ion Ratio Lower Upper

43 100

58 30.8 39.8 59.8#

57 39.5 13.9 20.9#

100 0.0 8.0 12.0#

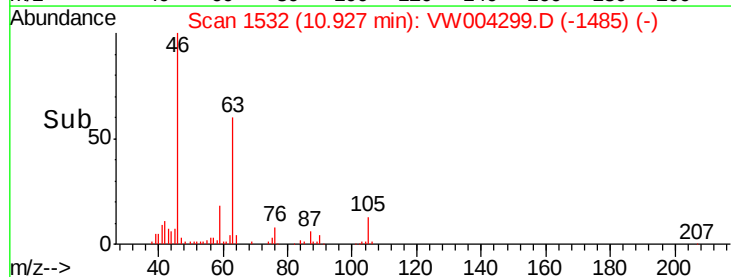
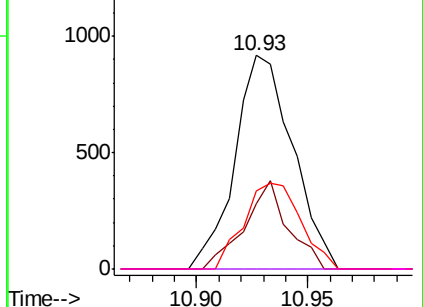


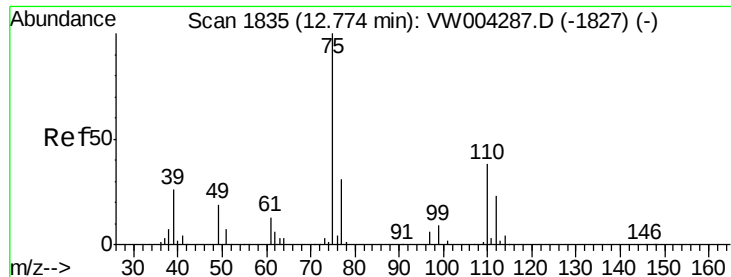
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): V





#59

1,2,3-Trichloropropane

Concen: 3.073 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004299.D

Acq: 28 Jul 2018 04:25

Instrument :

MSVOA_W

ClientSampleId :

JJ1K2

Tgt Ion: 75 Resp: 2543

Ion Ratio Lower Upper

75 100

77 53.8 25.2 37.8#

