

Data File : VW013802.D
Acq On : 29 Oct 2019 19:05
Operator : SY/VA
Sample : K5565-03
Misc : 2.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLNA2

Quant Time: Oct 30 07:03:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 06:58:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	370471	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	360320	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196460	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	102176	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.92%
7) Chloroethane-d5	2.89	69	82932	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.20%
10) 1,1-Dichloroethene-d2	4.03	63	153207	15.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.04%
20) 2-Butanone-d5	7.08	46	55703	34.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.52%
24) Chloroform-d	7.65	84	217489	20.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.92%
26) 1,2-Dichloroethane-d4	8.31	65	111834	20.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.52%
29) Benzene-d6	8.27	84	456744	21.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.40%
33) 1,2-Dichloropropane-d6	9.27	67	135310	20.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.72%
37) Toluene-d8	10.32	98	424769	21.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.08%
38) trans-1,3-Dichloropropene-	10.58	79	53875	18.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.88%
39) 2-Hexanone-d5	10.92	63	44690	36.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97078	18.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	140542	20.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.96%

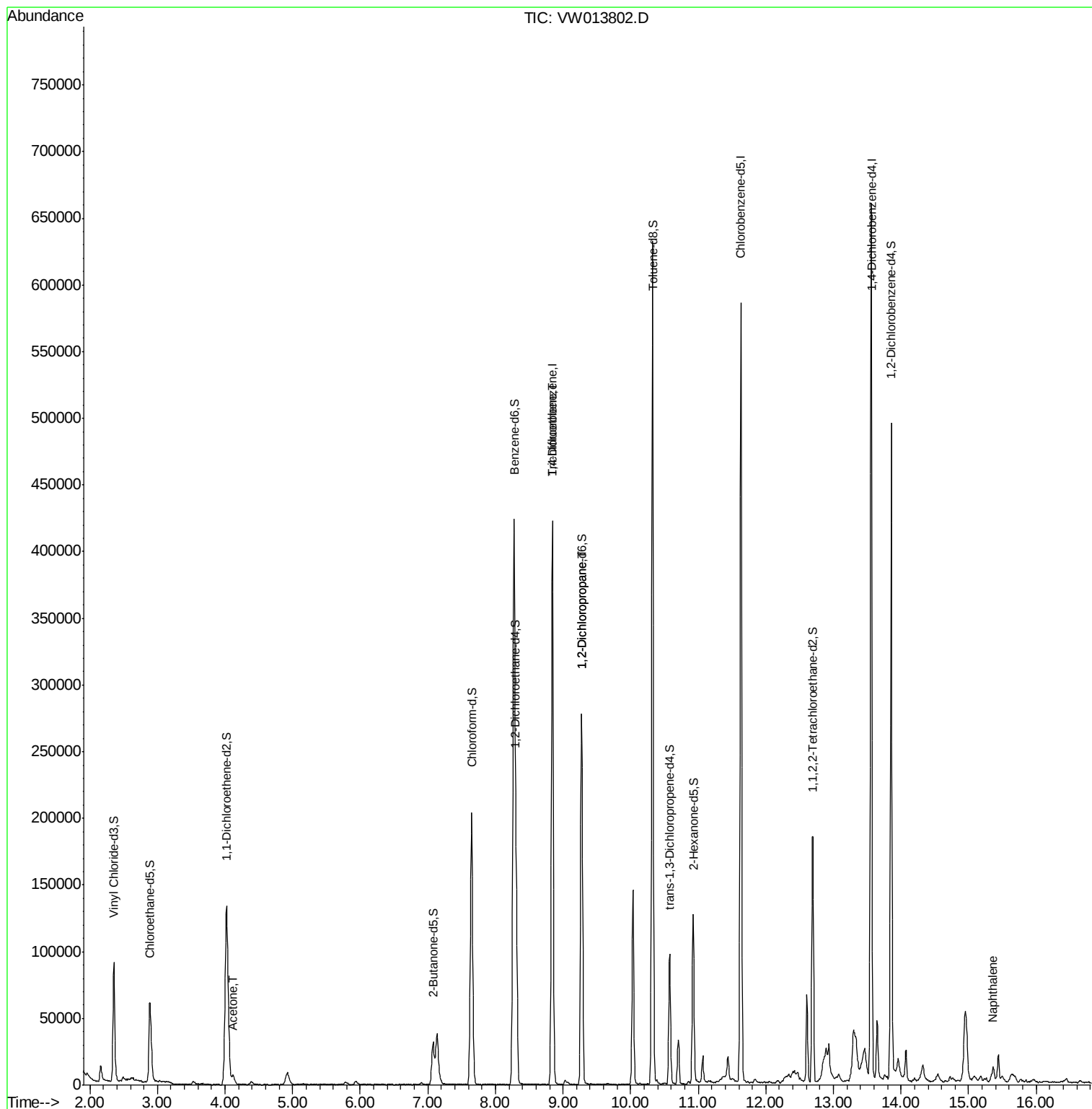
Target Compounds					Qvalue
13) Acetone	4.12	43	6031	3.342 ug/L	58
35) Trichloroethene	8.84	95	10606	1.599 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	14521	2.297 ug/L #	87
69) Naphthalene	15.36	128	8435	0.553 ug/L #	92

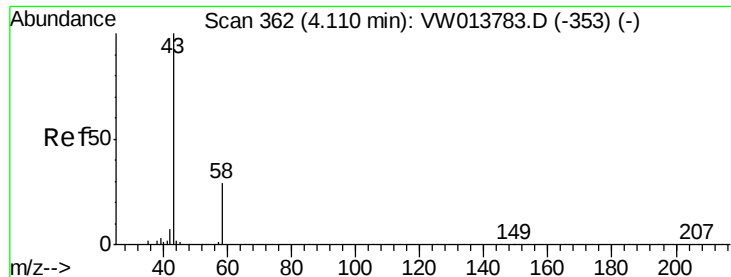
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.342 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

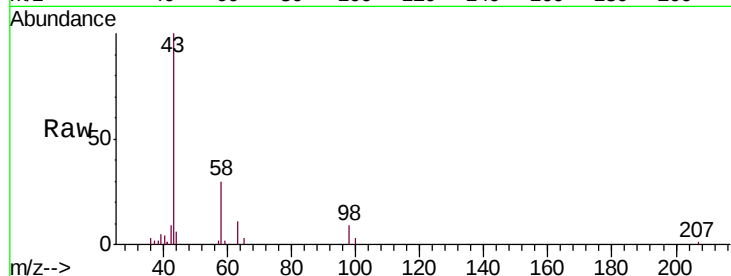
JLNA2

Tgt Ion: 43 Resp: 6031

Ion Ratio Lower Upper

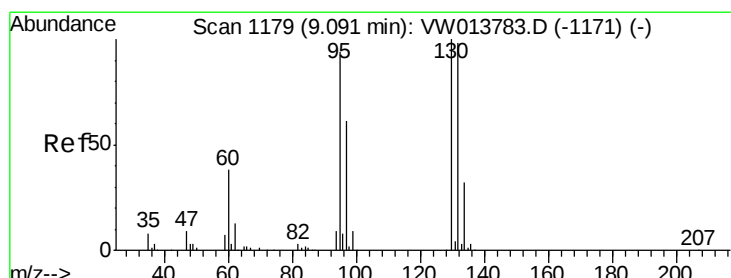
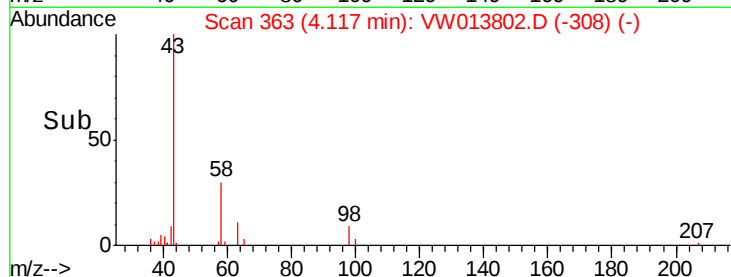
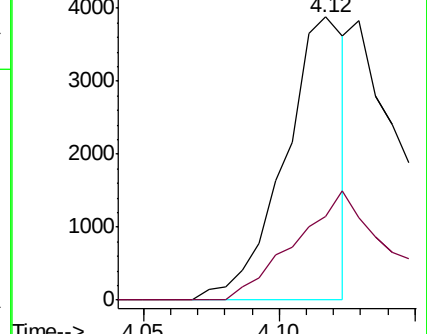
43 100

58 59.7 0.0 70.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 1.599 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Tgt Ion: 95 Resp: 10606

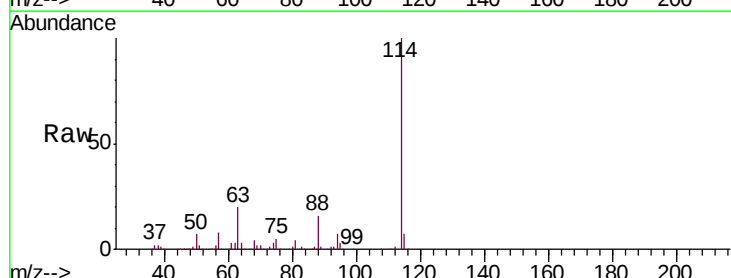
Ion Ratio Lower Upper

95 100

97 0.4 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#

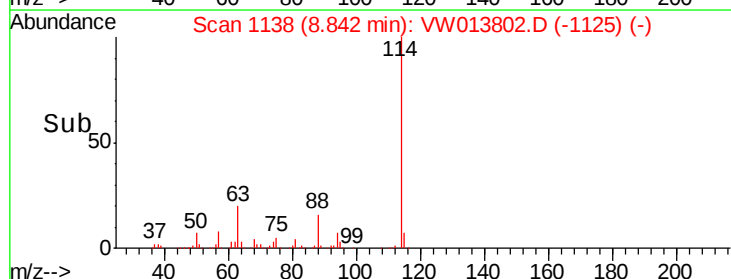
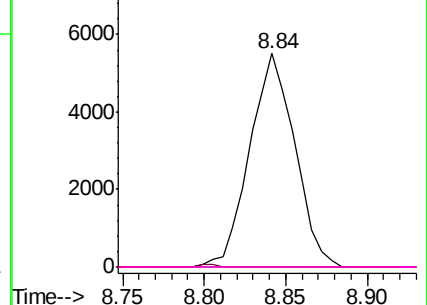


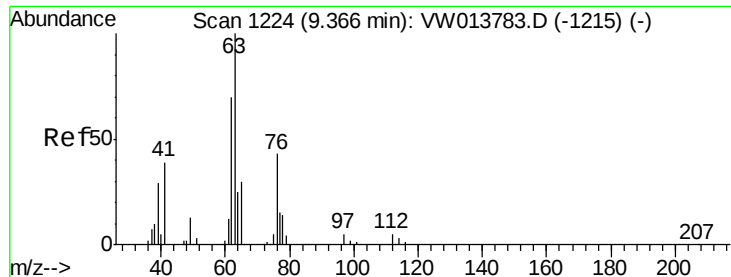
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 2.297 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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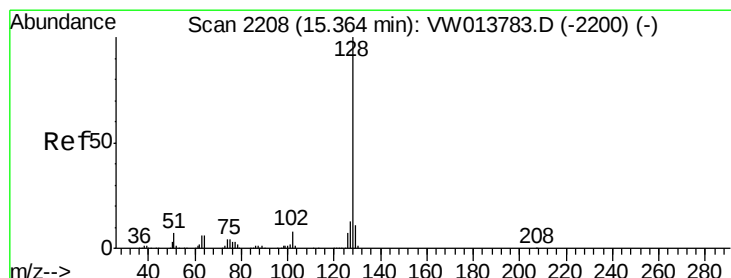
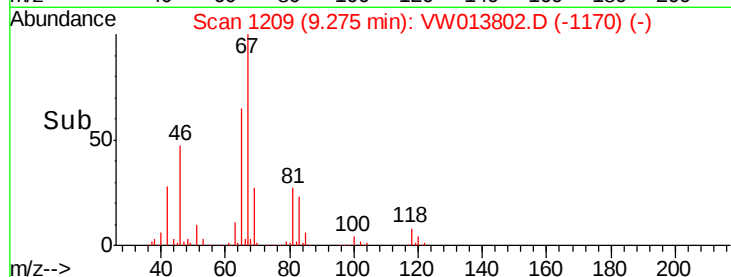
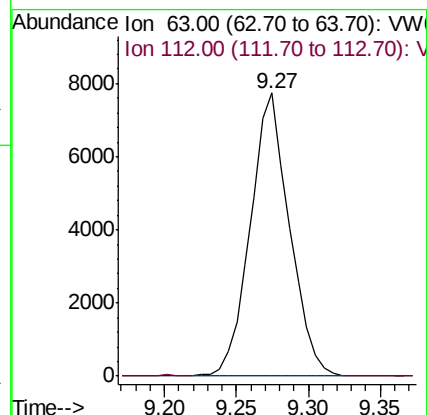
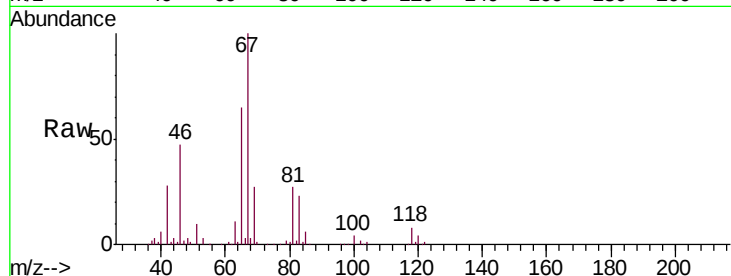
JLNA2

Tgt Ion: 63 Resp: 14521

Ion Ratio Lower Upper

63 100

112 0.4 3.9 5.9#



#69

Naphthalene

Concen: 0.553 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW013802.D

Acq: 29 Oct 2019 19:05

Tgt Ion: 128 Resp: 8435

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 18.6 10.5 15.7#

