

Data File : VW011560.D
Acq On : 29 Jul 2019 15:12
Operator : SY/VA
Sample : K3979-20
Misc : 6.42G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB939

Quant Time: Jul 30 06:00:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 30 05:56:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	403480	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	350707	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	154777	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	130631	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.00%
7) Chloroethane-d5	2.89	69	93820	23.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.64%
10) 1,1-Dichloroethene-d2	4.01	63	222064	18.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.80%
20) 2-Butanone-d5	7.07	46	81469	35.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.04%
24) Chloroform-d	7.65	84	247327	23.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.76%
26) 1,2-Dichloroethane-d4	8.40	65	140	0.02	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	520118	24.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.20%
33) 1,2-Dichloropropane-d6	9.27	67	167549	24.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.60%
37) Toluene-d8	10.32	98	459331	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.72%
38) trans-1,3-Dichloropropene-	10.58	79	64623	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.04%
39) 2-Hexanone-d5	10.93	63	55628	37.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113268	20.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	141684	24.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.52%

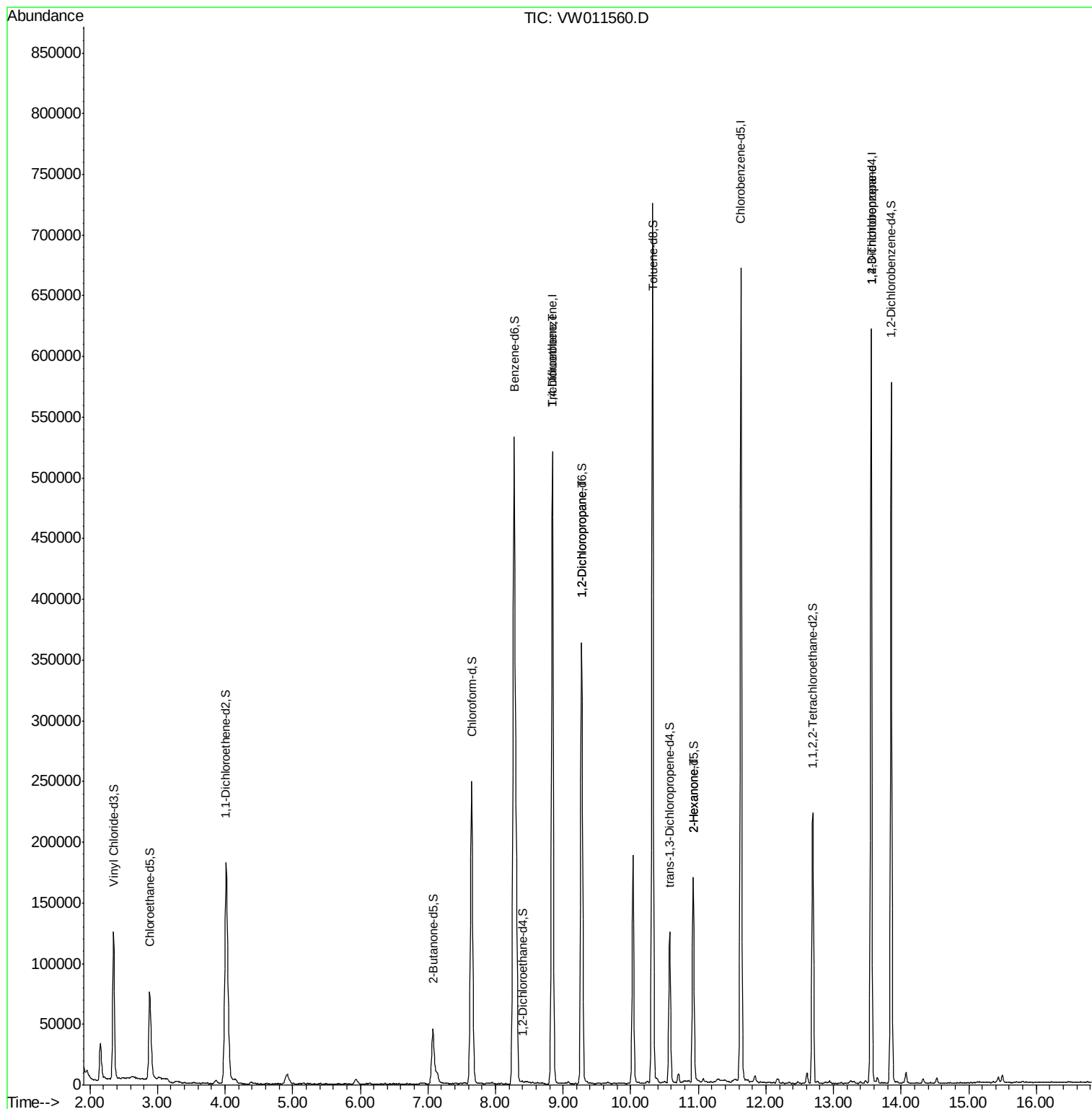
Target Compounds					Qvalue
35) Trichloroethene	8.84	95	12470	2.155 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	18803	3.074 ug/L #	88
49) 2-Hexanone	10.93	43	7915	2.003 ug/L #	63
59) 1,2,3-Trichloropropane	13.55	75	20429	5.028 ug/L	90

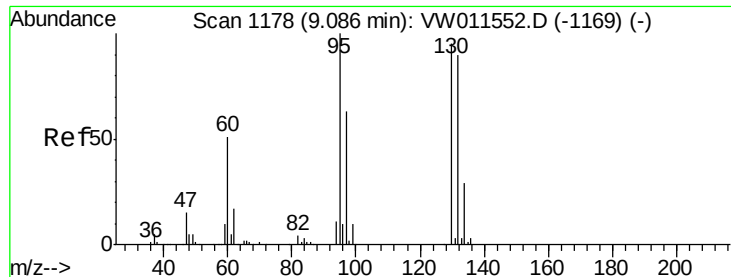
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.155 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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MSVOA_W

ClientSampleId :

DB939

Tgt Ion: 95 Resp: 12470

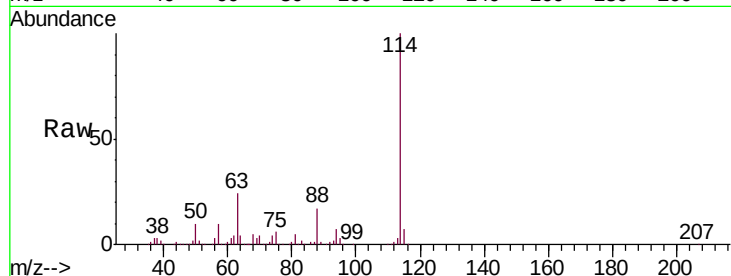
Ion Ratio Lower Upper

95 100

97 0.5 44.6 82.8#

132 0.2 66.0 122.6#

130 0.0 68.4 127.0#

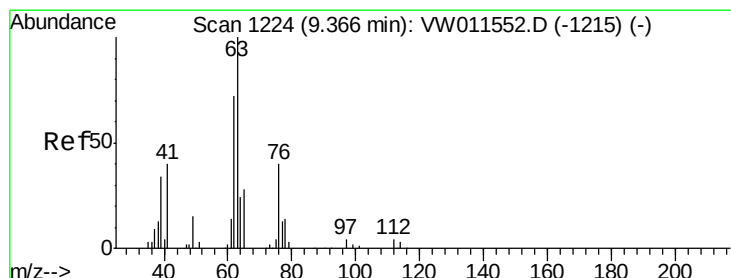
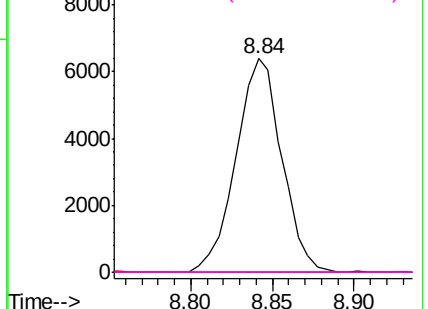
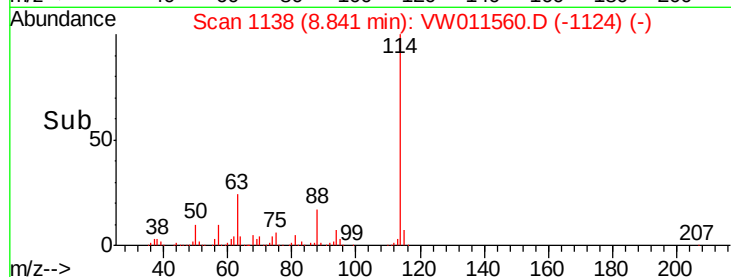


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.074 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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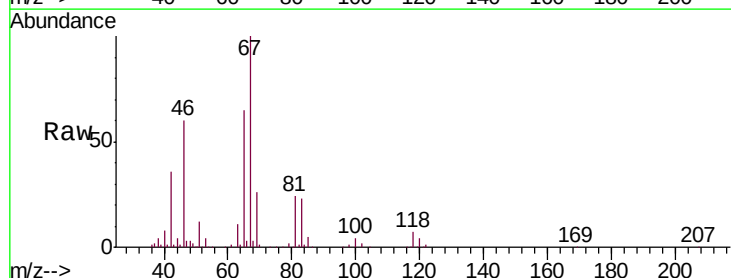
Acq: 29 Jul 2019 15:12

Tgt Ion: 63 Resp: 18803

Ion Ratio Lower Upper

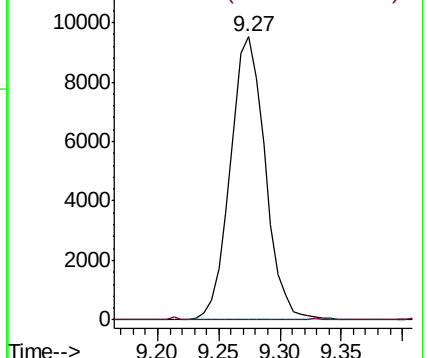
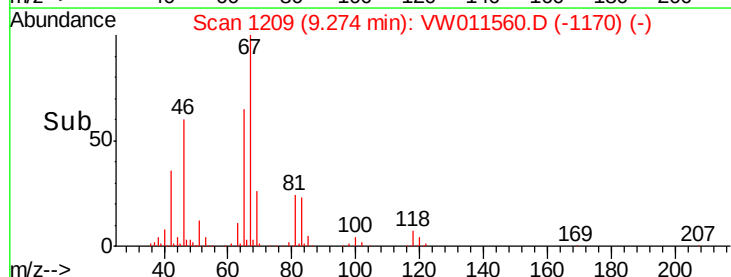
63 100

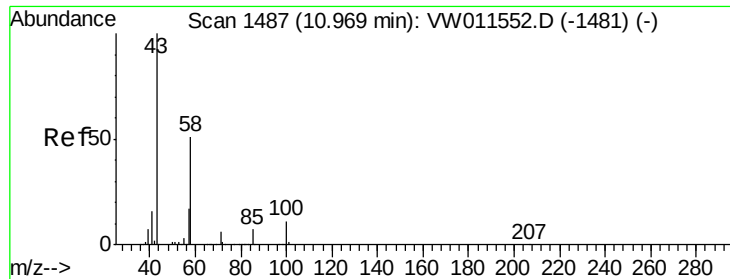
112 0.1 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

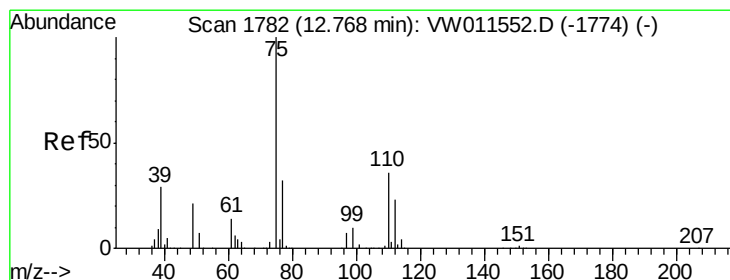
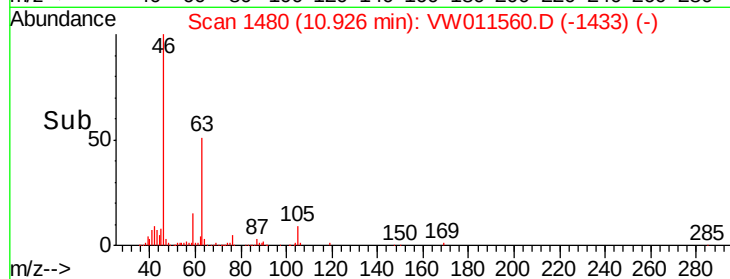
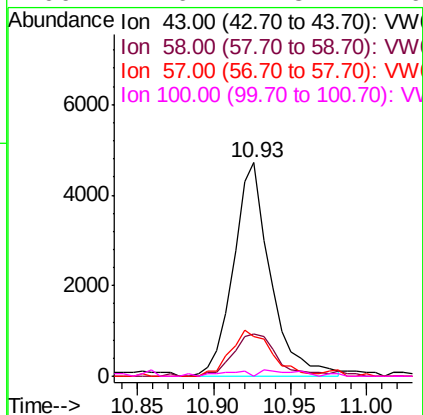
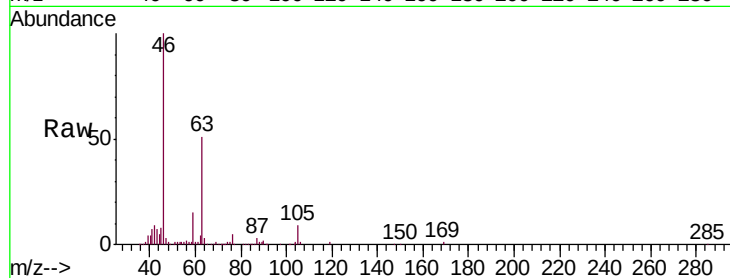




#49
2-Hexanone
Concen: 2.003 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
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Tgt Ion:	43	Resp:	7915
Ion	Ratio	Lower	Upper
43	100		
58	23.3	40.1	60.1#
57	0.0	13.8	20.6#
100	1.6	7.8	11.6#



#59
1,2,3-Trichloropropane
Concen: 5.028 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW011560.D
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Tgt Ion:	75	Resp:	20429
Ion	Ratio	Lower	Upper
75	100		
77	38.0	25.8	38.8

