

Data File : VW013931.D
Acq On : 07 Nov 2019 15:19
Operator : SY/VA
Sample : K5698-09
Misc : 6.30G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0AB8

Quant Time: Nov 08 00:52:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 08 00:49:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	312466	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	294161	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	154700	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	114635	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.32%
7) Chloroethane-d5	2.89	69	95881	24.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.72%
10) 1,1-Dichloroethene-d2	4.02	63	175935	17.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.04%
20) 2-Butanone-d5	7.08	46	46594	26.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.26%
24) Chloroform-d	7.65	84	220742	22.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.68%
26) 1,2-Dichloroethane-d4	8.30	65	103868	19.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.40%
29) Benzene-d6	8.27	84	487959	24.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.04%
33) 1,2-Dichloropropane-d6	9.27	67	138136	23.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.64%
37) Toluene-d8	10.32	98	453195	24.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.96%
38) trans-1,3-Dichloropropene-	10.58	79	52632	19.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.28%
39) 2-Hexanone-d5	10.93	63	38323	28.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	86189	16.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	144587	23.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.48%

Target Compounds

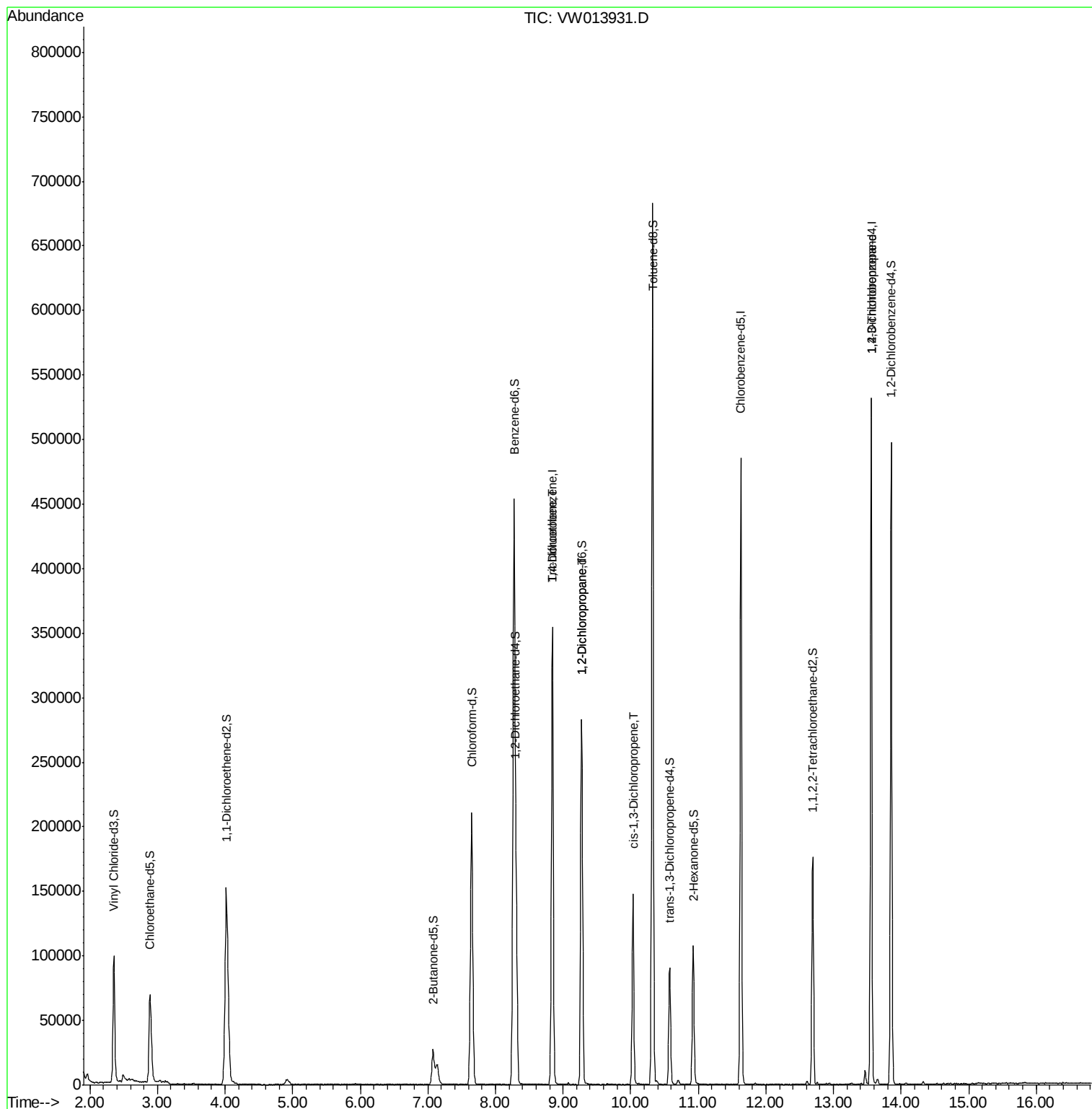
					Qvalue
35) Trichloroethene	8.84	95	8937	1.588 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	14648	2.794 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3344	0.405 ug/L #	63
59) 1,2,3-Trichloropropane	13.55	75	15618	3.946 ug/L	91

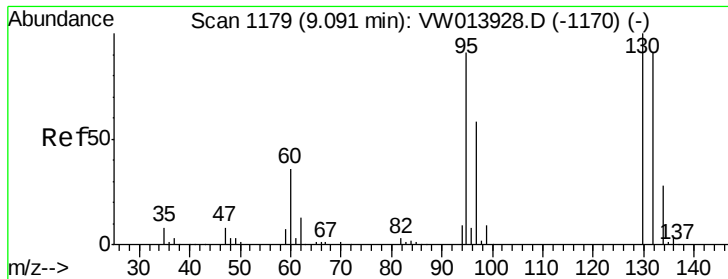
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 1.588 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Instrument :

MSVOA_W

ClientSampleId :

H0AB8

Tgt Ion: 95 Resp: 8937

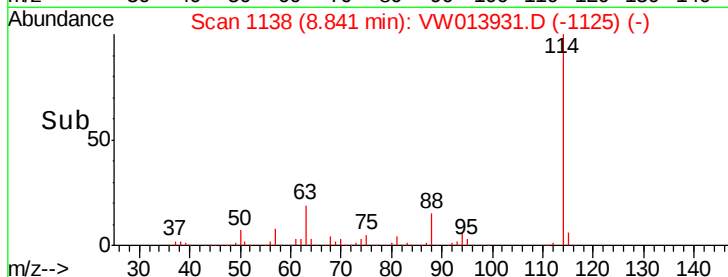
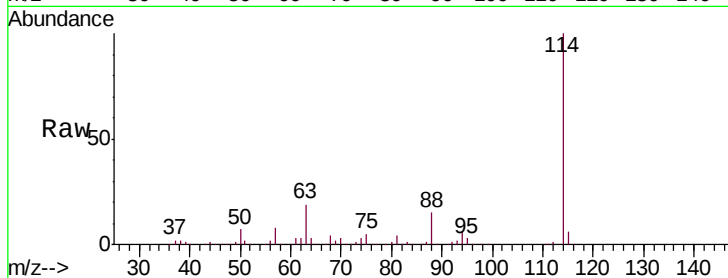
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.5#

132 0.3 73.3 136.1#

130 0.0 75.5 140.1#

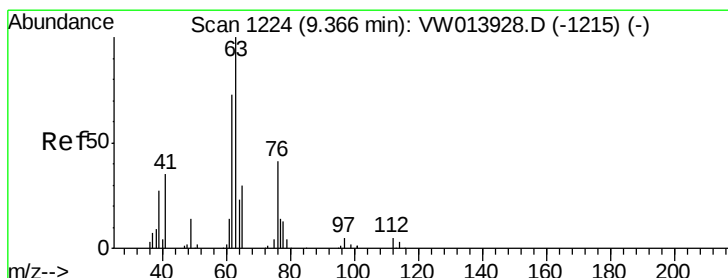
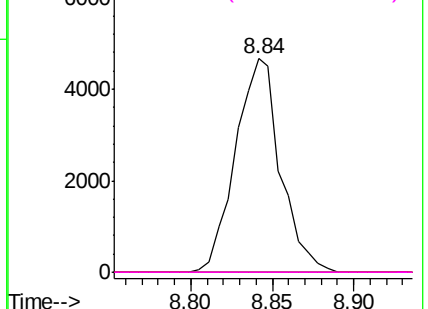


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 2.794 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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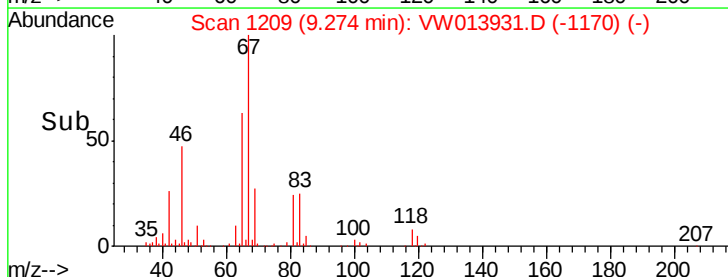
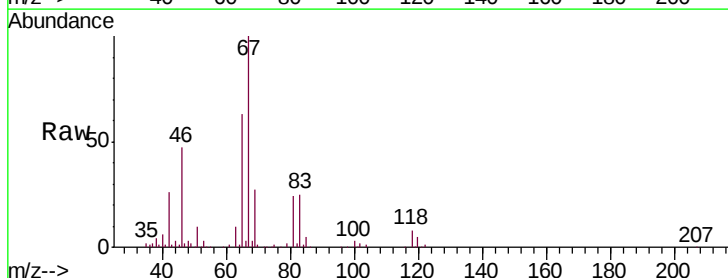
Acq: 07 Nov 2019 15:19

Tgt Ion: 63 Resp: 14648

Ion Ratio Lower Upper

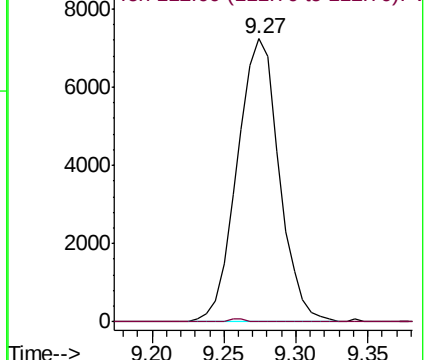
63 100

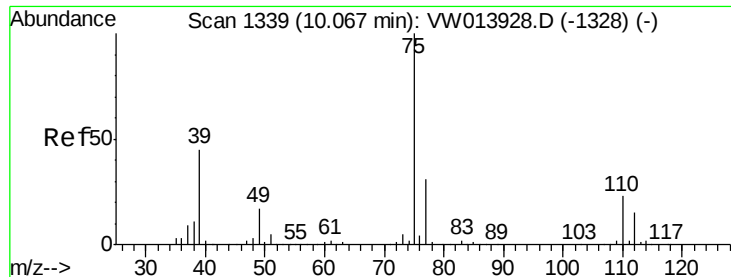
112 0.4 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.405 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

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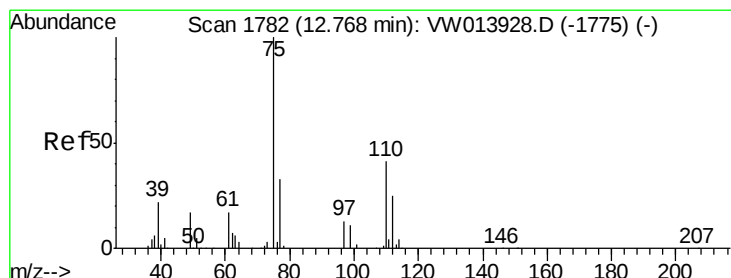
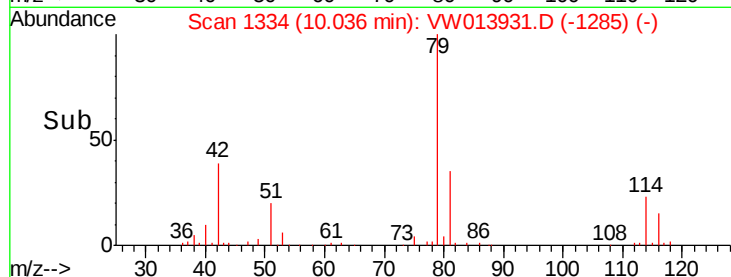
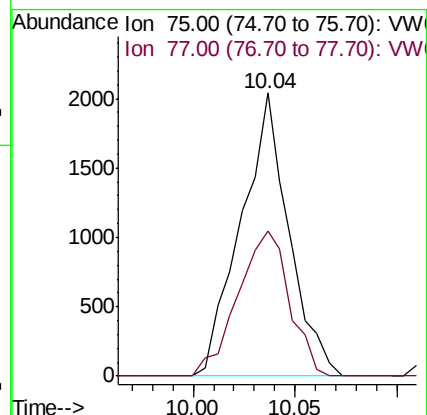
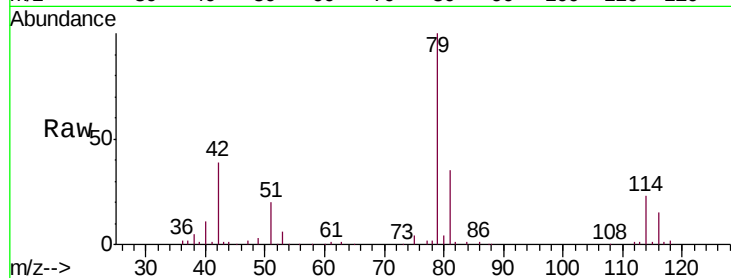
H0AB8

Tgt Ion: 75 Resp: 3344

Ion Ratio Lower Upper

75 100

77 51.3 21.8 40.4#



#59

1,2,3-Trichloropropane

Concen: 3.946 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013931.D

Acq: 07 Nov 2019 15:19

Tgt Ion: 75 Resp: 15618

Ion Ratio Lower Upper

75 100

77 37.2 25.9 38.9

