

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101419\
 Data File : VW013567.D
 Acq On : 14 Oct 2019 17:17
 Operator : SY/VA
 Sample : K5354-06
 Misc : 4.89G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 14 17:47:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 14 15:29:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	176231	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	110780	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	25680	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	39683	19.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.72%
7) Chloroethane-d5	2.89	69	37033	23.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.64%
10) 1,1-Dichloroethene-d2	4.01	63	62459	14.92	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.68%
20) 2-Butanone-d5	7.07	46	38079	62.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.36%
24) Chloroform-d	7.65	84	99077	25.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.52%
26) 1,2-Dichloroethane-d4	8.31	65	56432	28.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.80%
29) Benzene-d6	8.27	84	188000	31.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.72%
33) 1,2-Dichloropropane-d6	9.27	67	65403	37.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	148.60%#
37) Toluene-d8	10.32	98	136794	24.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.16%
38) trans-1,3-Dichloropropene-	10.58	79	18996	24.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.88%
39) 2-Hexanone-d5	10.92	63	24390	69.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.52%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	51173	36.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	145.00%#
61) 1,2-Dichlorobenzene-d4	13.85	152	21118	22.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.52%

Target Compounds

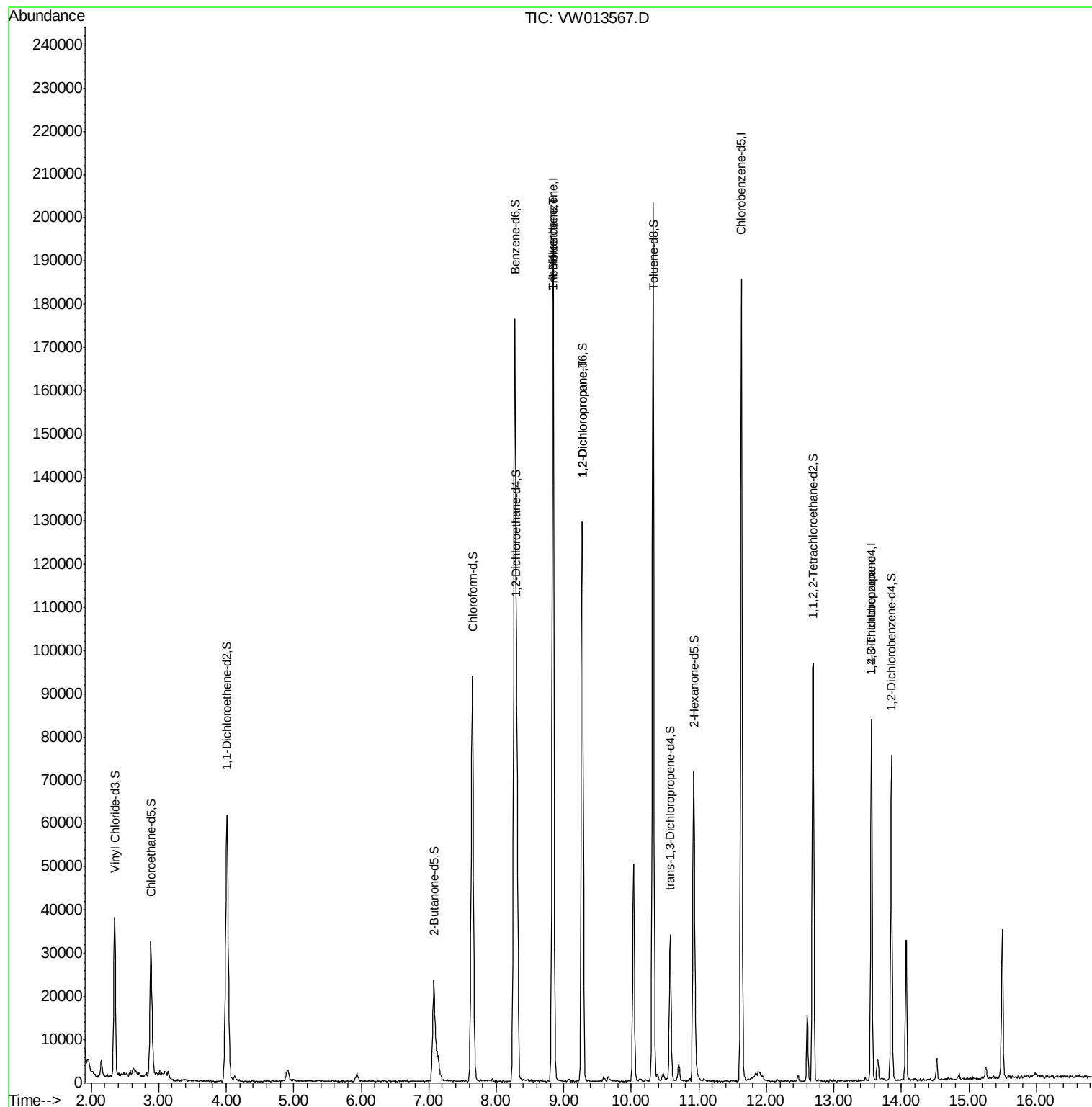
					Ovalue
35) Trichloroethene	8.84	95	4979	2.852 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	6820	4.230 ug/L #	85
59) 1,2,3-Trichloropropane	13.56	75	2487	2.303 ug/L	94

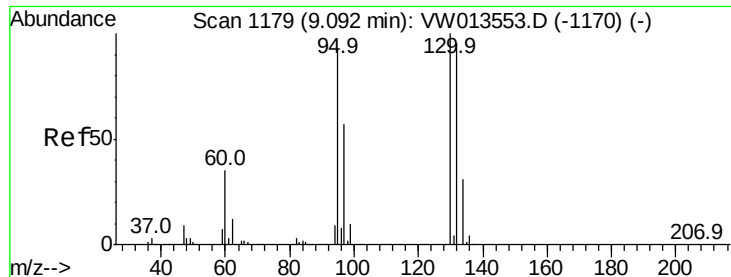
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.852 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.26 min

Lab File: VW013567.D

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Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 4979

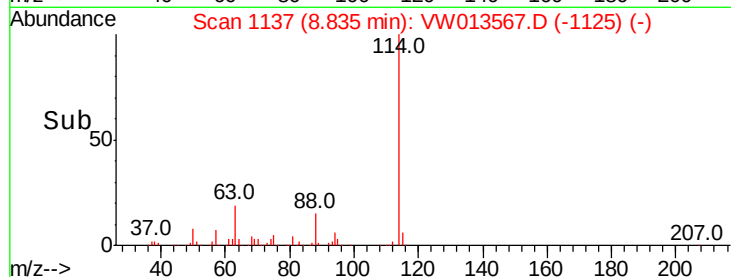
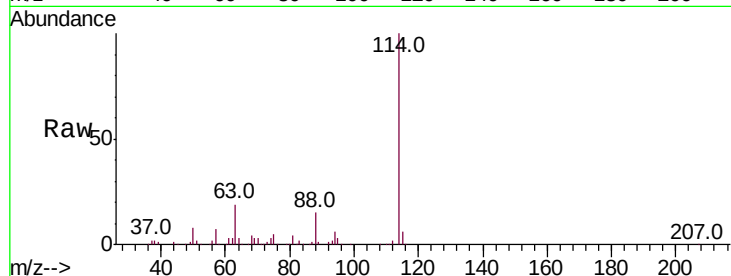
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.7#

132 0.0 73.6 136.8#

130 0.0 76.3 141.7#

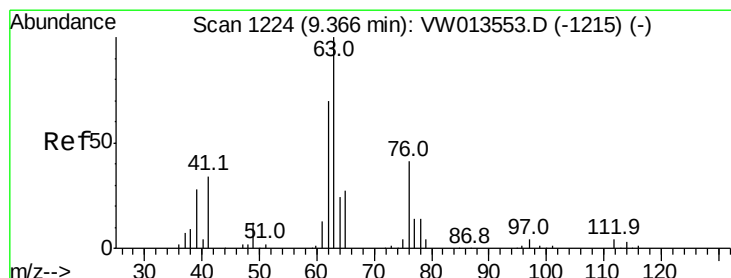
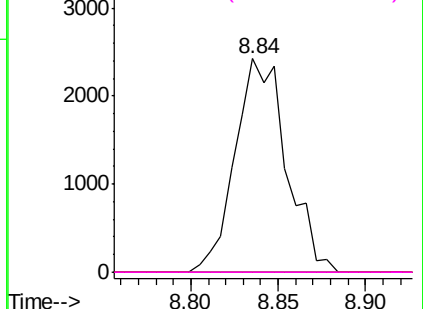


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 4.230 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

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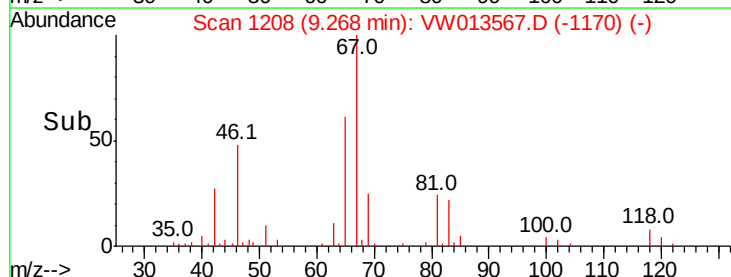
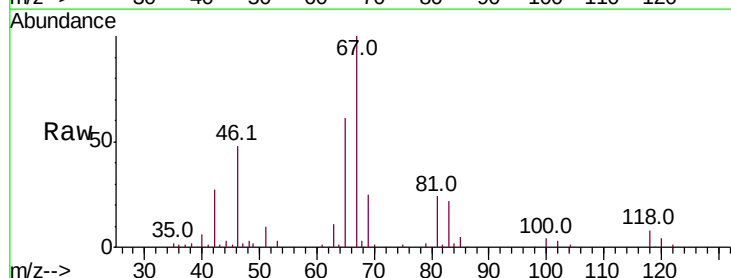
Acq: 14 Oct 2019 17:17

Tgt Ion: 63 Resp: 6820

Ion Ratio Lower Upper

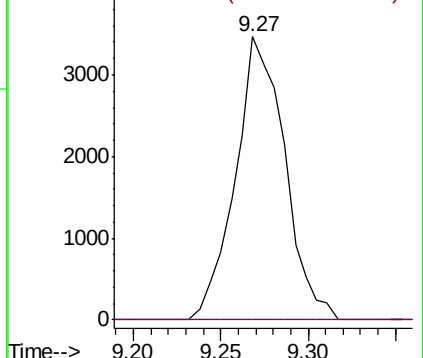
63 100

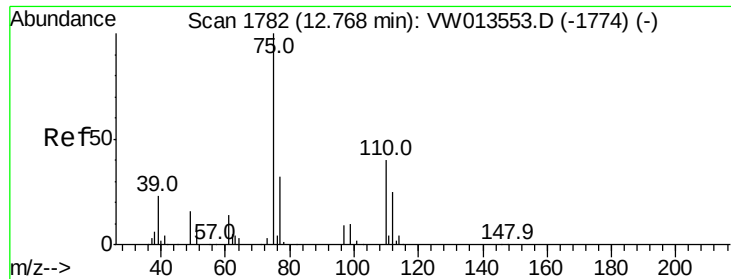
112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 2.303 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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Instrument :

MSVOA_W

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Tot Ion: 75 Resp: 2487

Ion Ratio Lower Upper

75 100

77 28.5 25.5 38.3

