

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\
 Data File : VW013633.D
 Acq On : 21 Oct 2019 14:07
 Operator : SY/VA
 Sample : K5422-01
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB2

Quant Time: Oct 21 16:40:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 21 16:37:58 2019
 Response via : Initial Calibration

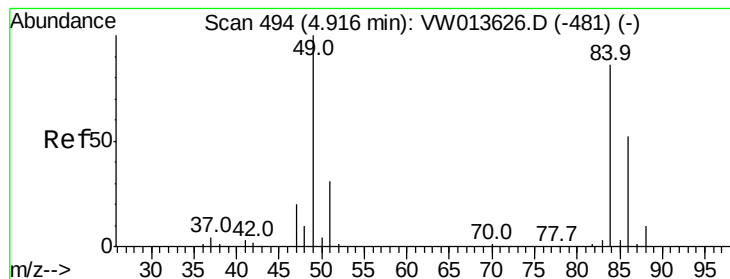
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	219819	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	195017	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	81453	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	75444	27.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.88%
7) Chloroethane-d5	2.89	69	64208	25.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.00%
10) 1,1-Dichloroethene-d2	4.01	63	114476	19.22	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.88%
20) 2-Butanone-d5	7.07	46	34854	36.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.26%
24) Chloroform-d	7.65	84	145919	23.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.88%
26) 1,2-Dichloroethane-d4	8.31	65	73079	22.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.88%
29) Benzene-d6	8.27	84	312624	26.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.72%
33) 1,2-Dichloropropane-d6	9.27	67	91428	26.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.52%
37) Toluene-d8	10.32	98	278793	25.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.20%
38) trans-1,3-Dichloropropene-	10.58	79	35342	22.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.56%
39) 2-Hexanone-d5	10.92	63	25814	38.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	60289	21.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	68982	23.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.84%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	34127	8.108 ug/L	95
35) Trichloroethene	8.84	95	6439	1.794 ug/L #	2
36) Methylcyclohexane	9.27	83	22619	3.575 ug/L #	19
59) 1,2,3-Trichloropropane	13.55	75	8571	3.716 ug/L	91

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



#16

Methvlene chloride

Concen: 8.108 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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C0AB2

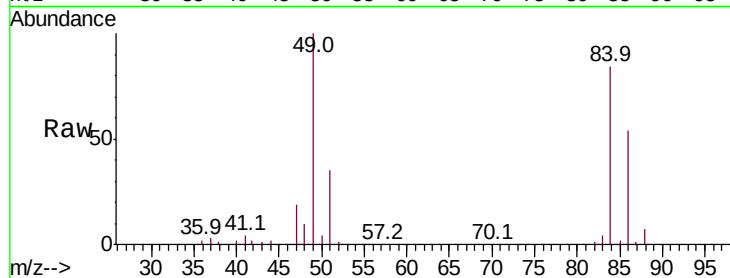
Tot Ion: 84 Resp: 34127

Ion Ratio Lower Upper

84 100

49 119.6 80.2 148.9

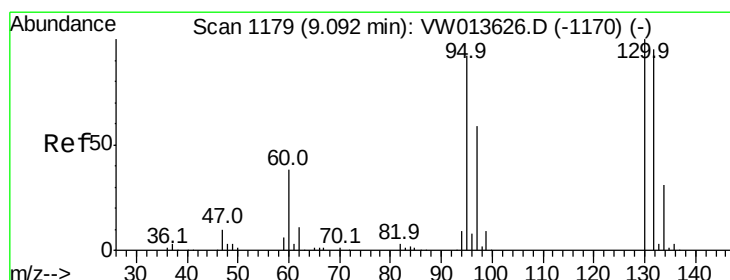
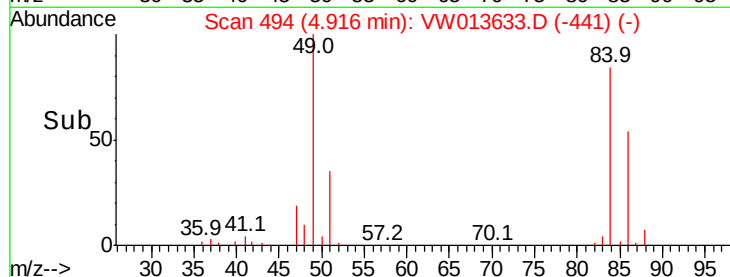
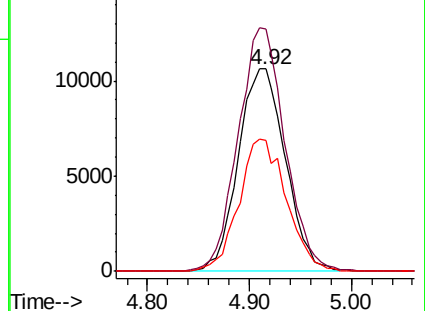
86 65.0 42.7 79.3



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



#35

Trichloroethene

Concen: 1.794 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Tgt Ion: 95 Resp: 6439

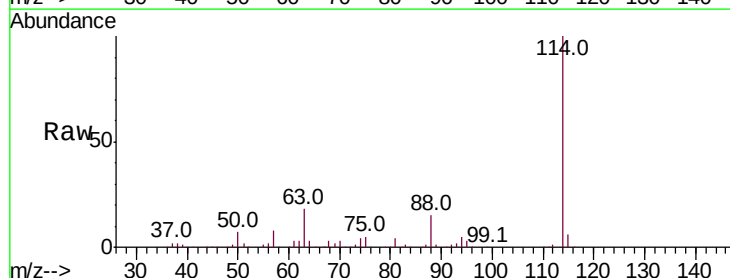
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#

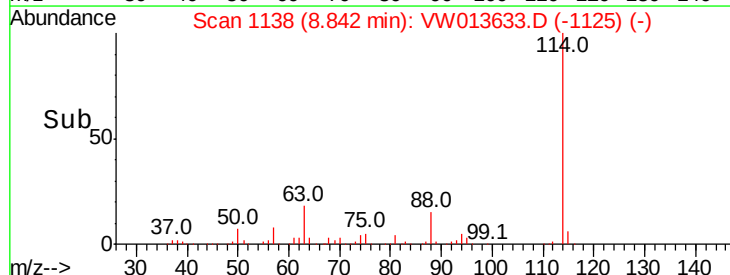
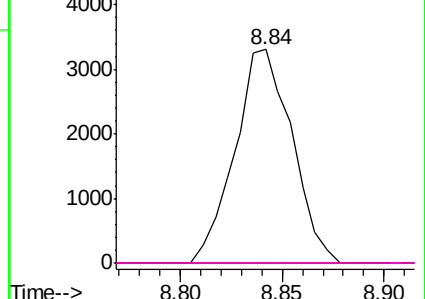


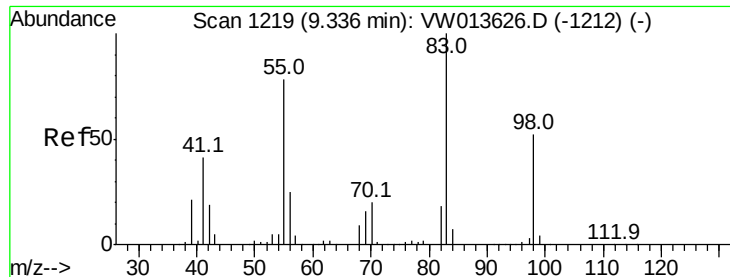
Abundance Ion 95.00 (94.70 to 95.70): VW

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

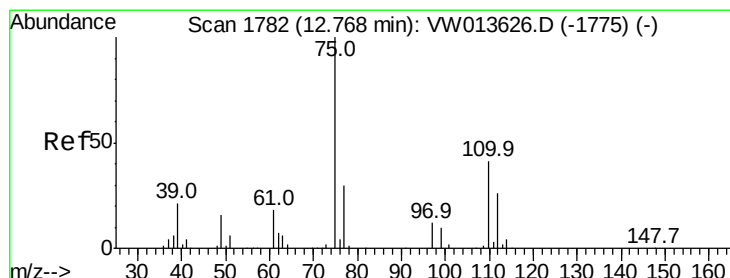
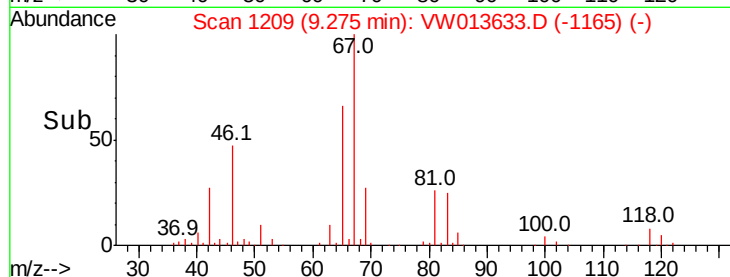
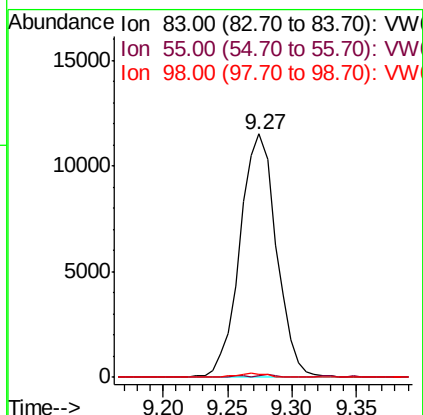
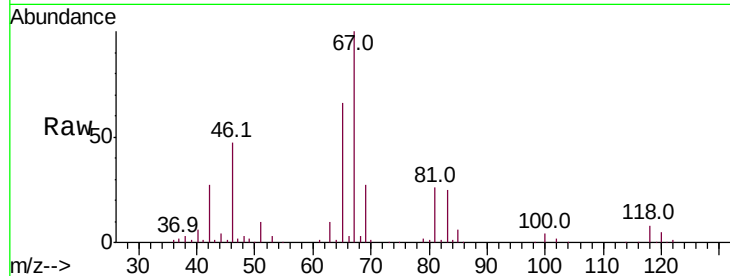




#36
Methylcyclohexane
Concen: 3.575 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
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Instrument :
MSVOA_W
ClientSampled :
C0AB2

Tot Ion: 83 Resp: 22619
Ion Ratio Lower Upper
83 100
55 0.4 60.2 90.4#
98 1.3 39.1 58.7#



#59
1,2,3-Trichloropropane
Concen: 3.716 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW013633.D
Acq: 21 Oct 2019 14:07

Tgt Ion: 75 Resp: 8571
Ion Ratio Lower Upper
75 100
77 38.0 26.4 39.6

