

Data File : VW014128.D
Acq On : 26 Nov 2019 12:04
Operator : SY/VA
Sample : K6007-07RE
Misc : 4.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BL5RE

Quant Time: Nov 27 07:07:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 27 06:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	221510	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	115514	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	20000	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58683	16.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.44%
7) Chloroethane-d5	2.89	69	61792	21.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.28%
10) 1,1-Dichloroethene-d2	4.01	63	94013	12.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.84%
20) 2-Butanone-d5	7.07	46	64575	62.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.78%
24) Chloroform-d	7.65	84	167878	24.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	8.30	65	81585	23.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.32%
29) Benzene-d6	8.27	84	332272	40.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	162.16%#
33) 1,2-Dichloropropane-d6	9.27	67	107301	44.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	178.76%#
37) Toluene-d8	10.32	98	218239	28.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.32%
38) trans-1,3-Dichloropropene-	10.57	79	17151	16.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.72%
39) 2-Hexanone-d5	10.92	63	35369	77.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.38%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	71264	39.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	157.24%#
61) 1,2-Dichlorobenzene-d4	13.85	152	23571	29.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.32%

Target Compounds

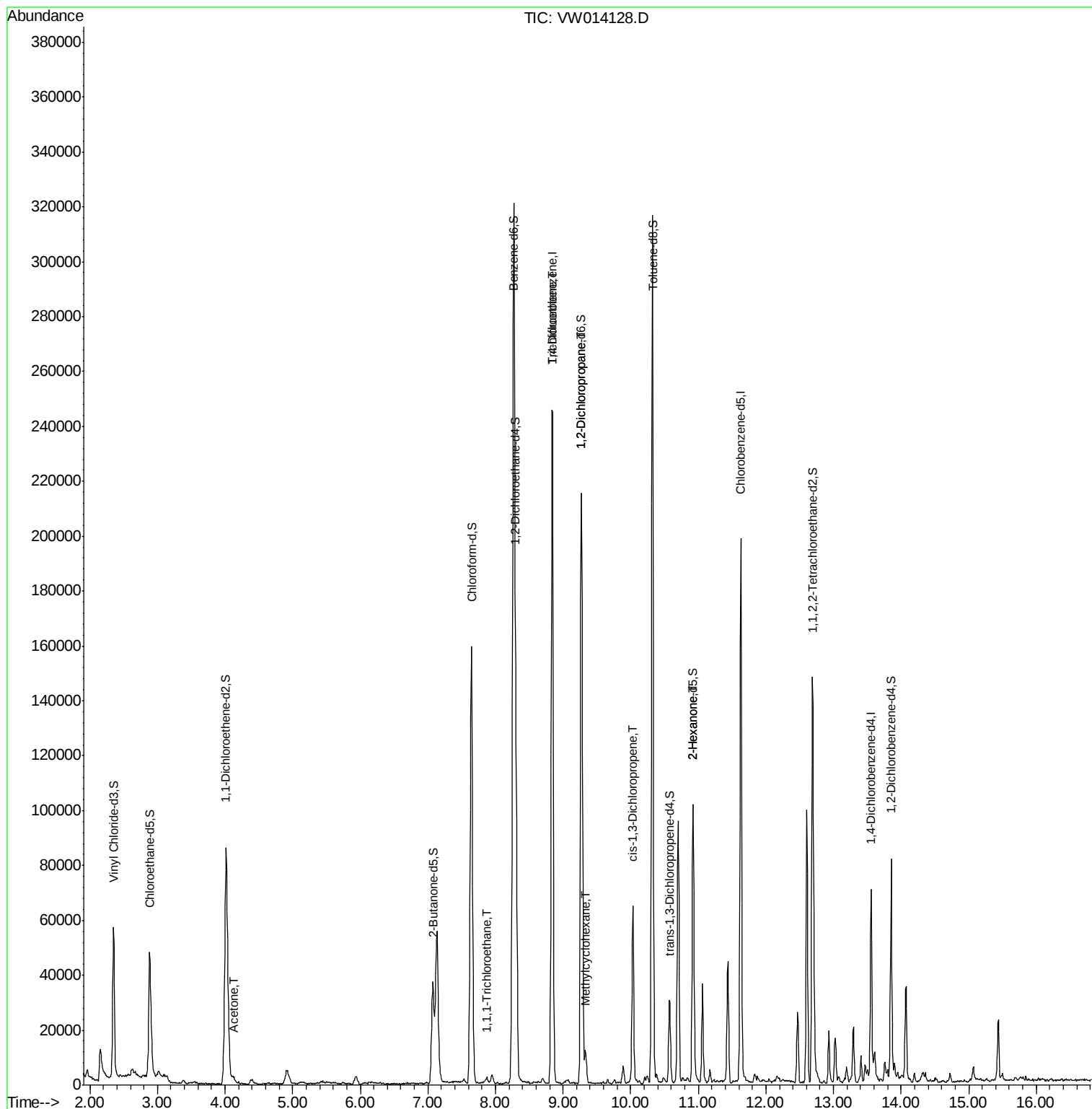
					Qvalue
13) Acetone	4.13	43	4346	4.160 ug/L	50
31) 1,1,1-Trichloroethane	7.88	97	1785	0.617 ug/L #	86
35) Trichloroethene	8.84	95	6659	2.946 ug/L #	2
36) Methylcyclohexane	9.34	83	4058	1.001 ug/L	91
40) 1,2-Dichloropropane	9.27	63	11312	5.546 ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	1605	0.499 ug/L #	47
49) 2-Hexanone	10.93	43	5104	5.257 ug/L #	59

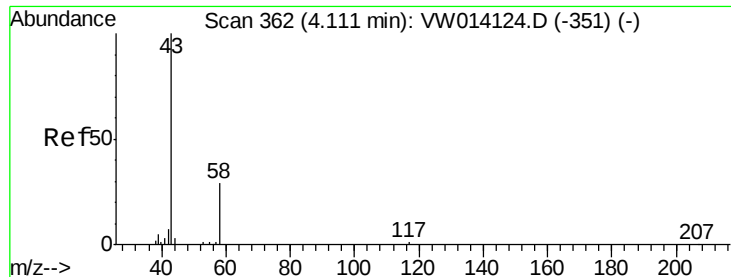
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.160 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.02 min

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Acq: 26 Nov 2019 12:04

Instrument :

MSVOA_W

ClientSampleId :

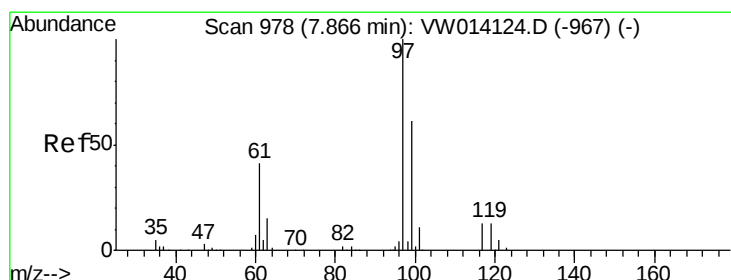
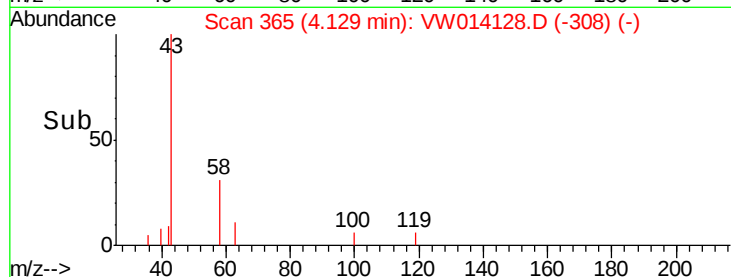
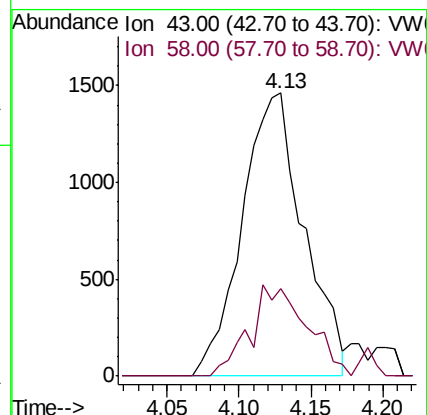
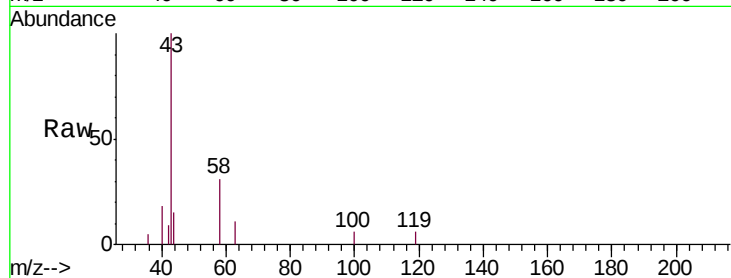
C0BL5RE

Tgt Ion: 43 Resp: 4346

Ion Ratio Lower Upper

43 100

58 4.8 0.0 65.4



#31

1,1,1-Trichloroethane

Concen: 0.617 ug/L

RT: 7.88 min Scan# 980

Delta R.T. 0.01 min

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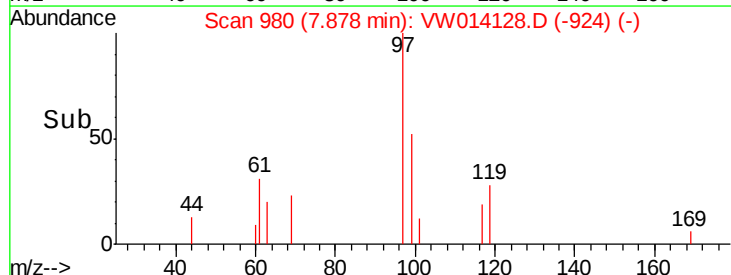
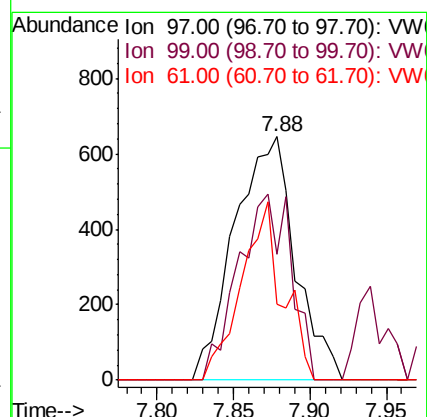
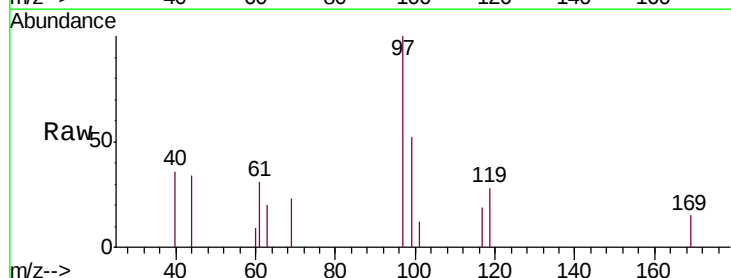
Tgt Ion: 97 Resp: 1785

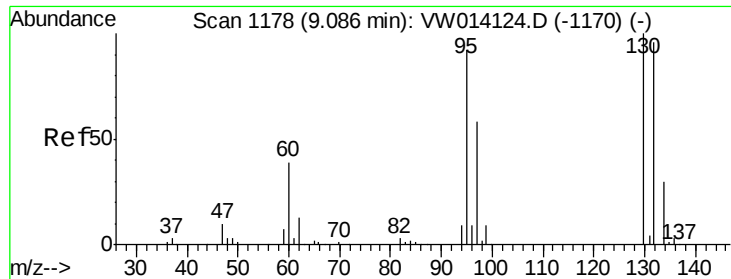
Ion Ratio Lower Upper

97 100

99 48.3 51.1 76.7#

61 43.2 32.8 49.2





#35

Trichloroethene

Concen: 2.946 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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ClientSampleId :

C0BL5RE

Tgt Ion: 95 Resp: 6659

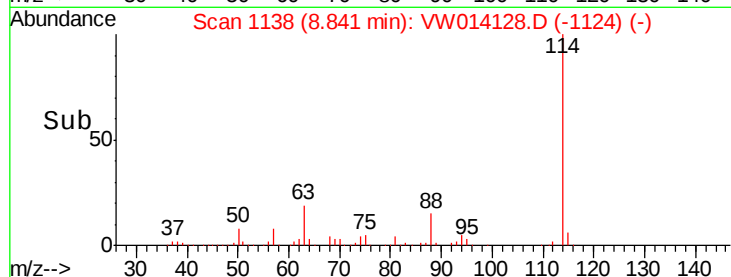
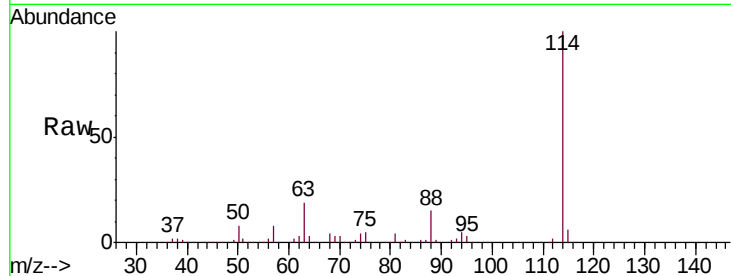
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#

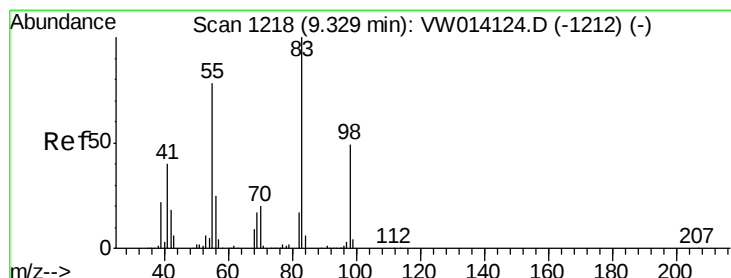
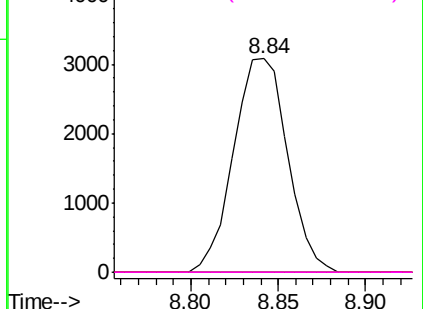


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 1.001 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. 0.01 min

Lab File: VW014128.D

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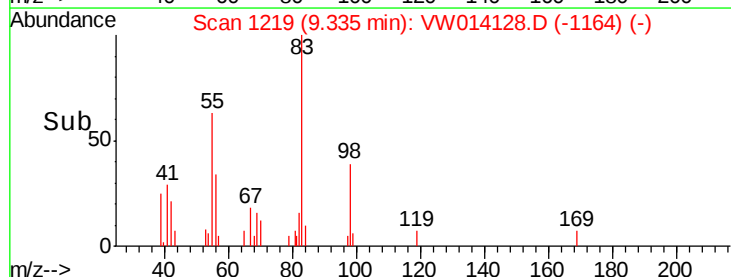
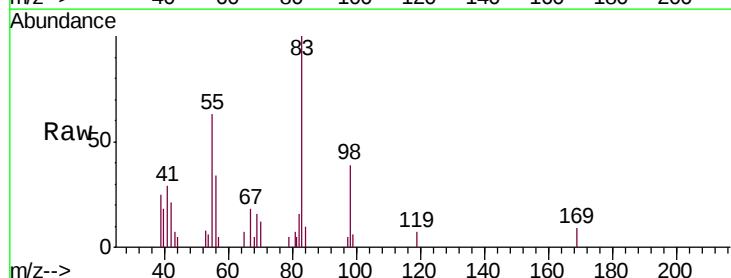
Tgt Ion: 83 Resp: 4058

Ion Ratio Lower Upper

83 100

55 85.4 59.8 89.8

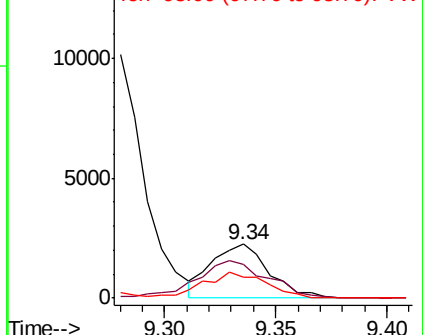
98 52.3 39.5 59.3

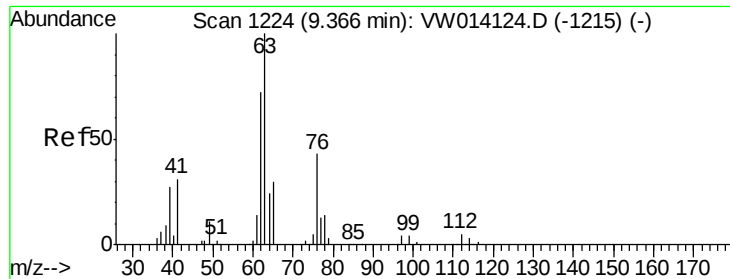


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

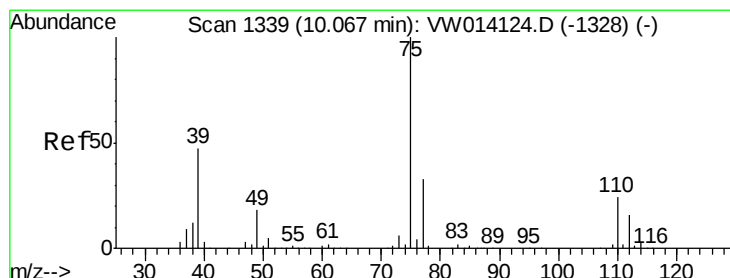
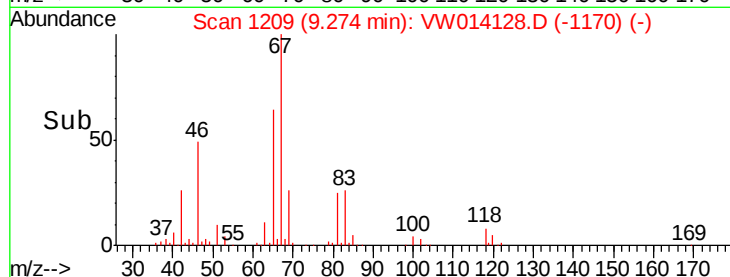
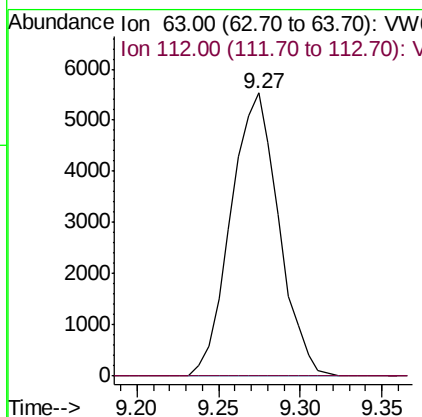
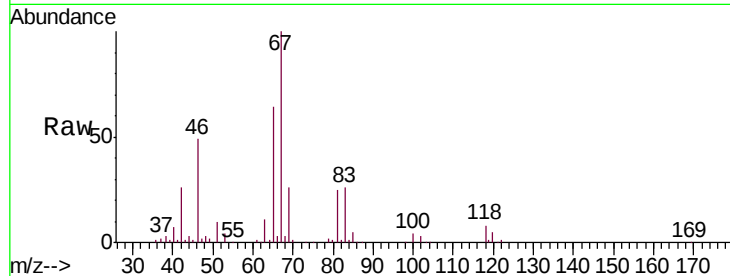




#40
 1,2-Dichloropropane
 Concen: 5.546 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW014128.D
 Acq: 26 Nov 2019 12:04

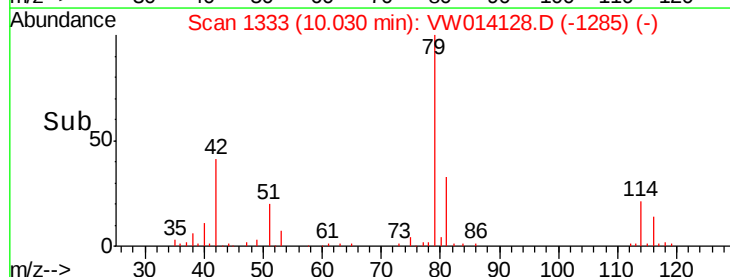
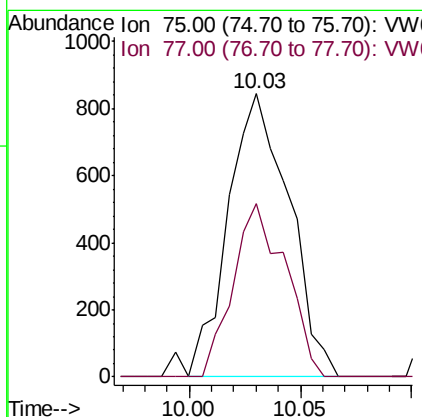
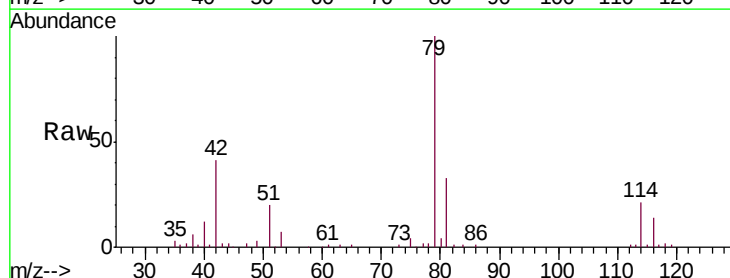
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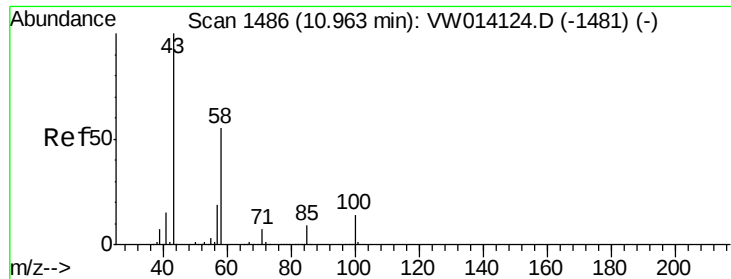
Tgt Ion: 63 Resp: 11312
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#42
 cis-1,3-Dichloropropene
 Concen: 0.499 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW014128.D
 Acq: 26 Nov 2019 12:04

Tgt Ion: 75 Resp: 1605
 Ion Ratio Lower Upper
 75 100
 77 61.1 22.1 41.1#





#49

2-Hexanone

Concen: 5.257 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014128.D

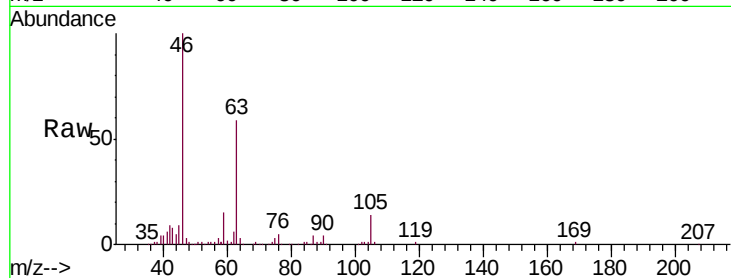
Acq: 26 Nov 2019 12:04

Instrument :

MSVOA_W

ClientSampleId :

C0BL5RE



Tgt Ion:	43	Resp:	5104
Ion	Ratio	Lower	Upper
43	100		
58	19.2	44.4	66.6#
57	30.3	16.5	24.7#
100	0.0	11.1	16.7#

