

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061720\
 Data File : VW015623.D
 Acq On : 17 Jun 2020 17:45
 Operator : SY/VA
 Sample : L3027-09
 Misc : 4.53G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2L2

Quant Time: Jun 18 07:18:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 18 07:15:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	366654	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	318191	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	123321	25.00	ug/L	0.00

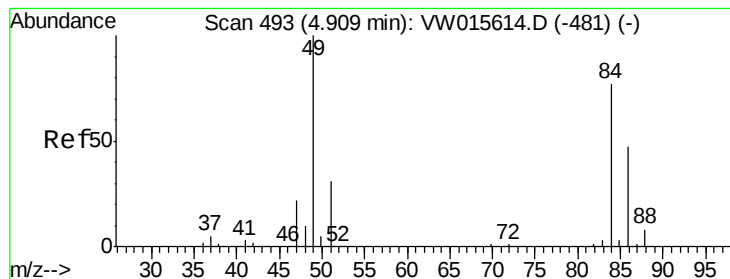
System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	101690	30.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.04%
7) Chloroethane-d5	2.90	69	84411	25.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.04%
10) 1,1-Dichloroethene-d2	4.01	63	144827	17.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.76%
20) 2-Butanone-d5	7.09	46	38824	35.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.78%
24) Chloroform-d	7.65	84	192111	22.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.64%
26) 1,2-Dichloroethane-d4	8.40	65	106	0.02	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	375302	24.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.20%
33) 1,2-Dichloropropane-d6	9.27	67	110642	23.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.32%
37) Toluene-d8	10.33	98	340414	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.76%
38) trans-1,3-Dichloropropene-	10.58	79	37341	17.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.08%
39) 2-Hexanone-d5	10.93	63	26196	31.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	69417	19.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	90839	21.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	13046	2.899	ug/L	87
35) Trichloroethene	8.84	95	11729	2.454	ug/L #	5
36) Methylcyclohexane	9.27	83	27589	3.236	ug/L #	18
40) 1,2-Dichloropropane	9.27	63	13163	3.004	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3268	0.466	ug/L	83

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



#16

Methvlene chloride

Concen: 2.899 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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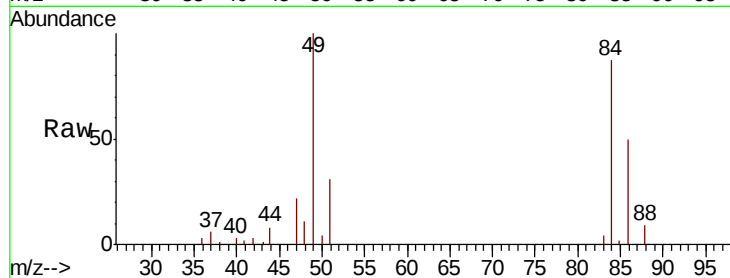
Tot Ion: 84 Resp: 13046

Ion Ratio Lower Upper

84 100

49 115.4 93.0 172.8

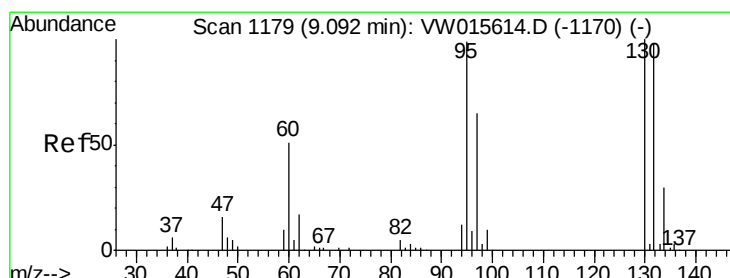
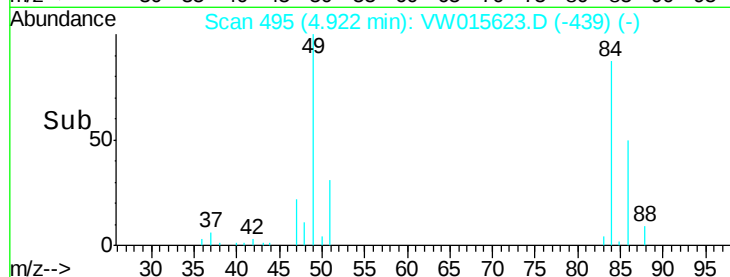
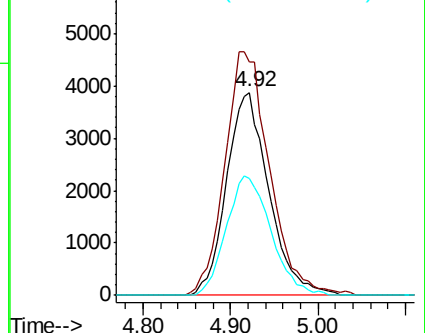
86 57.7 44.7 83.1



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: 2.454 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Tgt Ion: 95 Resp: 11729

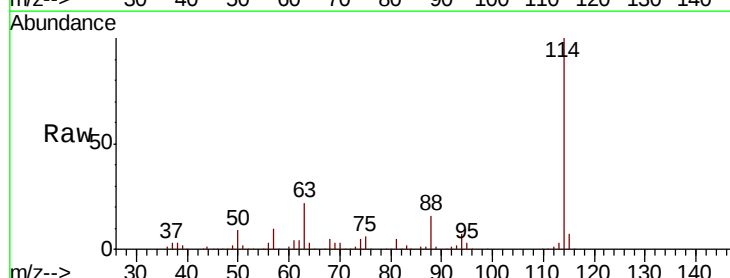
Ion Ratio Lower Upper

95 100

97 0.4 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#

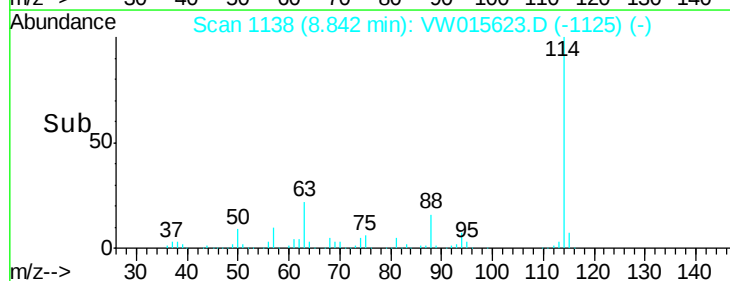
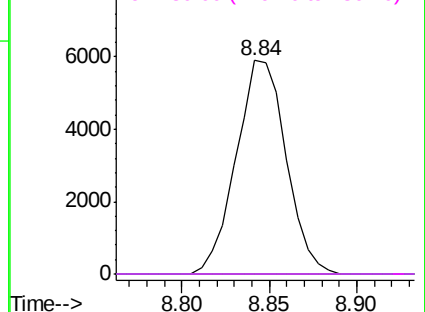


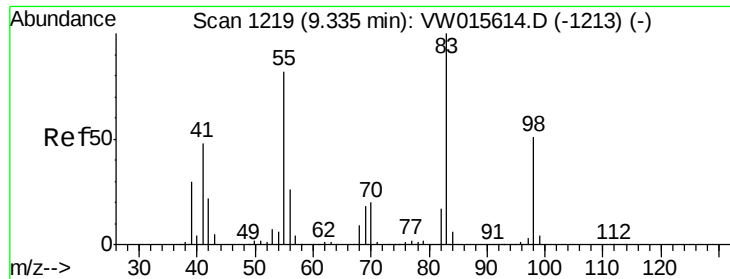
Abundance Ion 95.00 (94.70 to 95.70): VW

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

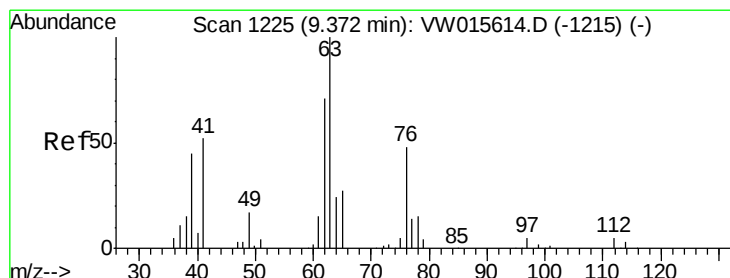
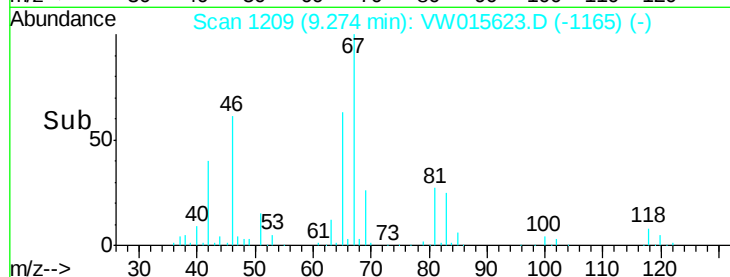
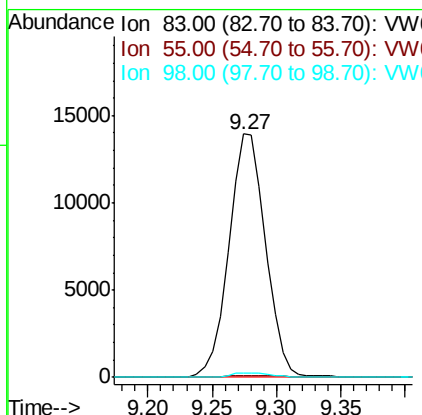
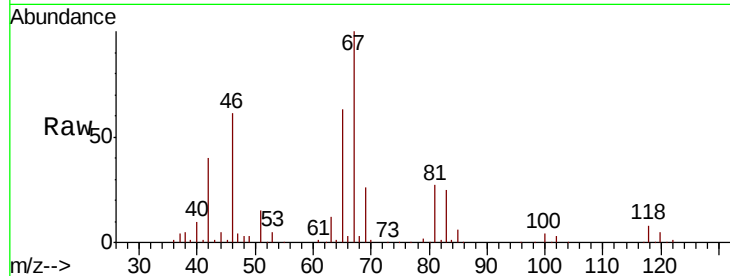




#36
Methvlcvclohexane
Concen: 3.236 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW015623.D
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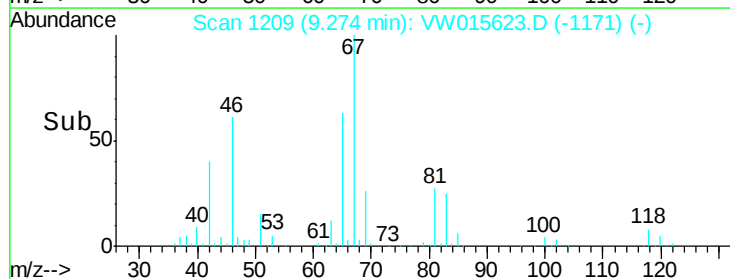
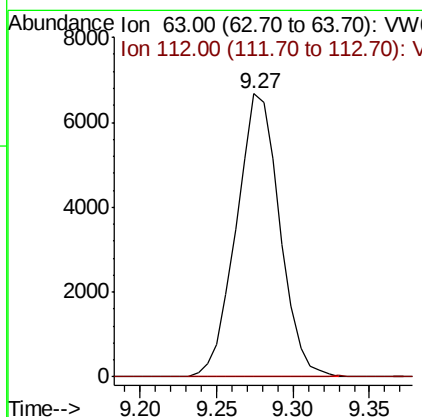
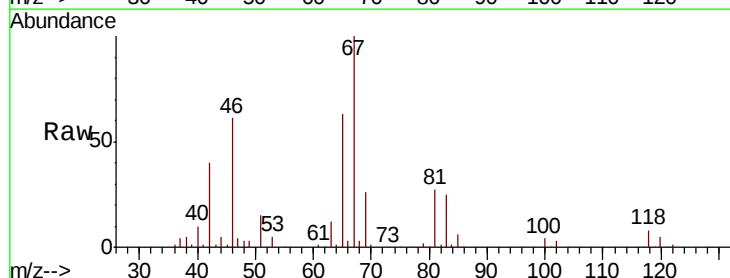
Instrument :
MSVOA_W
ClientSampled :
BG2L2

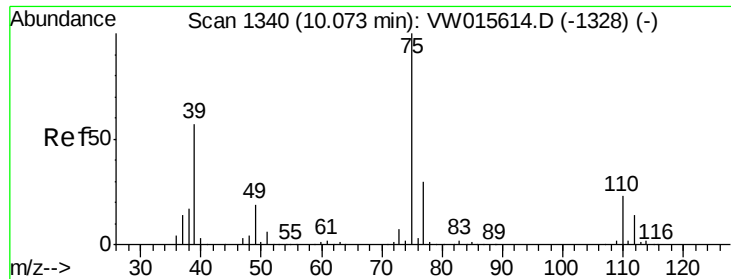
Tot Ion: 83 Resp: 27589
Ion Ratio Lower Upper
83 100
55 0.7 62.8 94.2#
98 1.1 39.2 58.8#



#40
1,2-Dichloropropane
Concen: 3.004 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW015623.D
Acq: 17 Jun 2020 17:45

Tgt Ion: 63 Resp: 13163
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#42

cis-1,3-Dichloropropene

Concen: 0.466 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015623.D

Acq: 17 Jun 2020 17:45

Instrument :

MSVOA_W

ClientSampleId :

BG2L2

Tot Ion: 75 Resp: 3268

Ion Ratio Lower Upper

75 100

77 41.1 22.3 41.5

