

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011221\
 Data File : VW017836.D
 Acq On : 12 Jan 2021 15:29
 Operator : SY/VA
 Sample : M1074-20
 Misc : 5.45G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 13 03:22:28 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 21:58:14 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	313241	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	293902	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	133430	25.00	ug/L	0.00

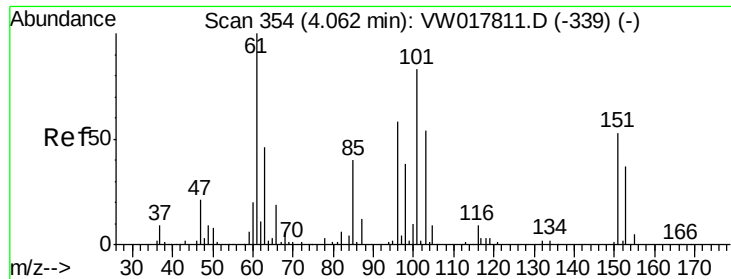
System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	120422	24.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.40%
7) Chloroethane-d5	2.89	69	101843	25.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.84%
10) 1,1-Dichloroethene-d2	4.02	63	155352	18.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.60%
20) 2-Butanone-d5	7.08	46	39381	50.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.26%
24) Chloroform-d	7.65	84	195249	23.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	8.31	65	111062	26.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.84%
29) Benzene-d6	8.27	84	385023	23.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.04%
33) 1,2-Dichloropropane-d6	9.27	67	110514	24.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.88%
37) Toluene-d8	10.32	98	366155	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.12%
38) trans-1,3-Dichloropropene-	10.58	79	45096	22.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.68%
39) 2-Hexanone-d5	10.93	63	27295	47.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78708	23.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	107903	23.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.88%

Target Compounds

					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1025	0.257 ug/L #	20
13) Acetone	4.14	43	1200	1.769 ug/L	99
16) Methylene chloride	4.92	84	24344	5.435 ug/L	99
35) Trichloroethene	8.84	95	10426	2.241 ug/L #	4
36) Methylcyclohexane	9.27	83	26830	3.300 ug/L #	21
45) trans-1,3-Dichloropropene	10.58	75	2891	0.536 ug/L	100
59) 1,2,3-Trichloropropane	13.55	75	21044	8.698 ug/L	95

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



#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.257 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

Lab File: VW017836.D

Acq: 12 Jan 2021 15:29

Instrument :

MSVOA_W

ClientSampled :

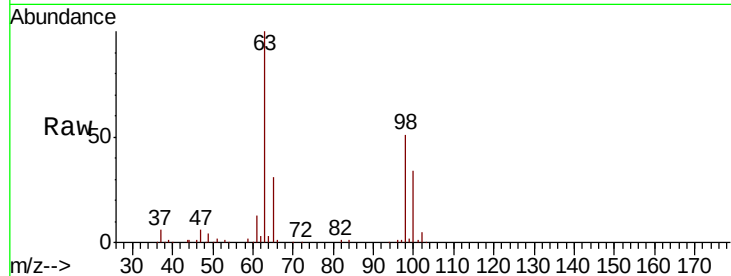
Tot Ion:101 Resp: 1025

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

151 0.0 57.7 86.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V

4.03

600

400

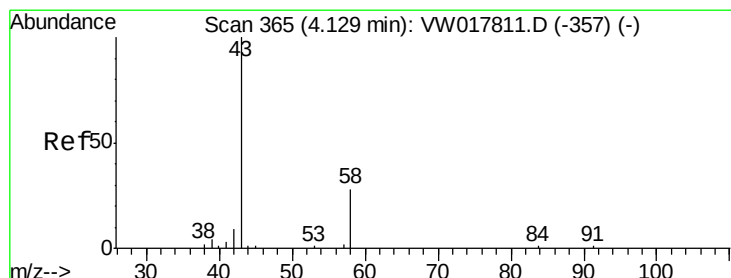
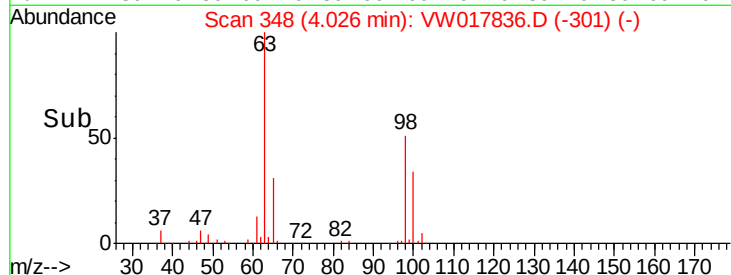
200

0

4.00

4.05

Time-->



#13

Acetone

Concen: 1.769 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017836.D

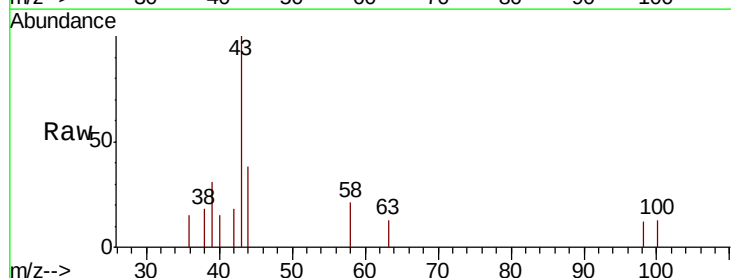
Acq: 12 Jan 2021 15:29

Tgt Ion: 43 Resp: 1200

Ion Ratio Lower Upper

43 100

58 29.6 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

800

600

400

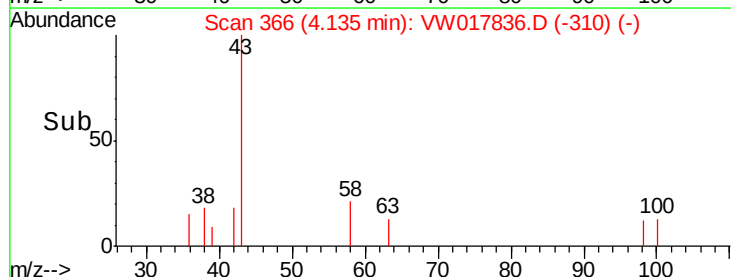
200

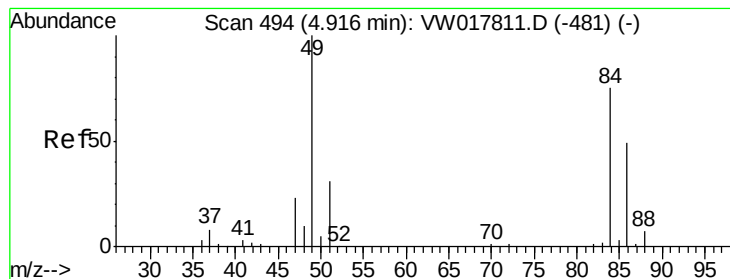
0

4.10

4.15

Time-->





#16

Methvlene chloride

Concen: 5.435 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW017836.D

Acq: 12 Jan 2021 15:29

Instrument :

MSVOA_W

ClientSampleId :

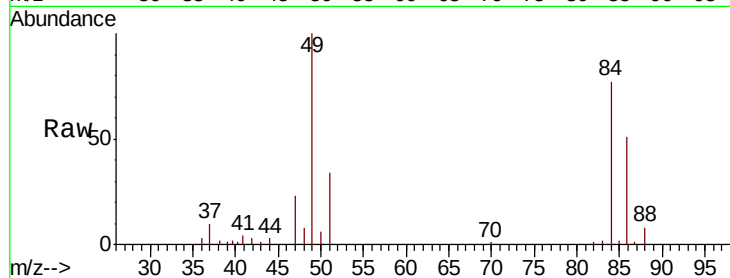
Tot Ion: 84 Resp: 24344

Ion Ratio Lower Upper

84 100

49 130.1 90.5 168.1

86 65.8 44.8 83.2

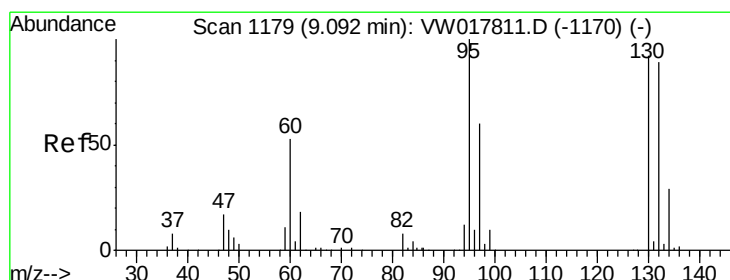
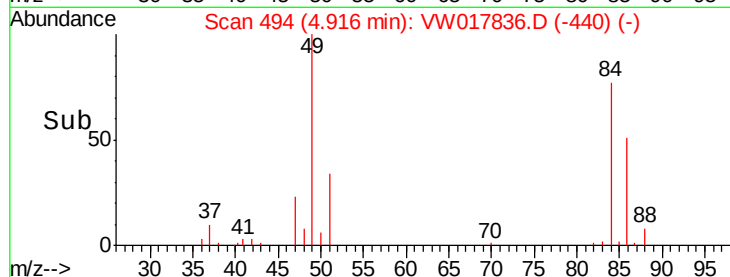
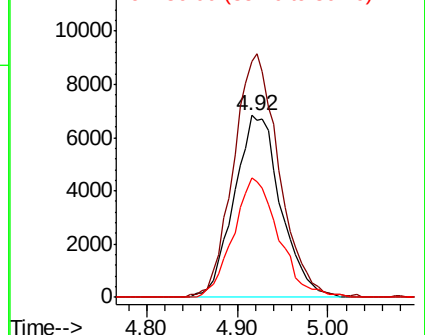


Abundance

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: 2.241 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017836.D

Acq: 12 Jan 2021 15:29

Tgt Ion: 95 Resp: 10426

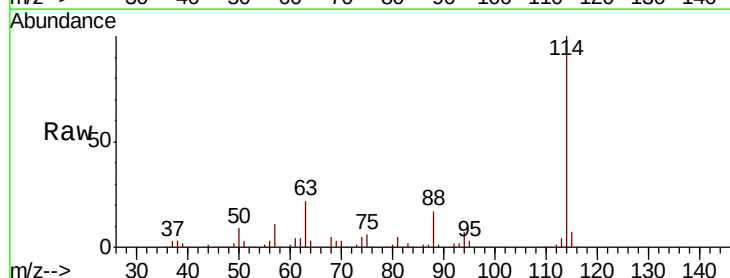
Ion Ratio Lower Upper

95 100

97 0.4 46.8 87.0#

132 0.0 68.3 126.9#

130 0.0 71.8 133.4#



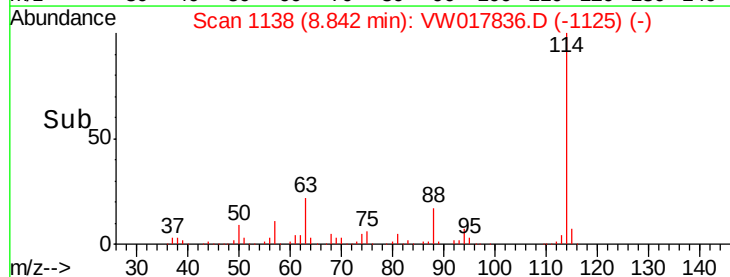
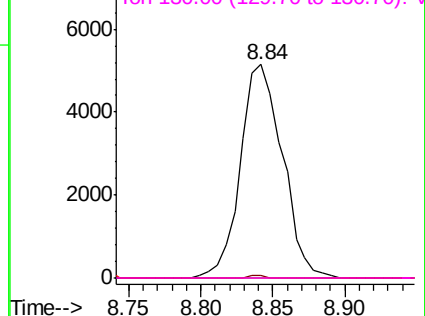
Abundance

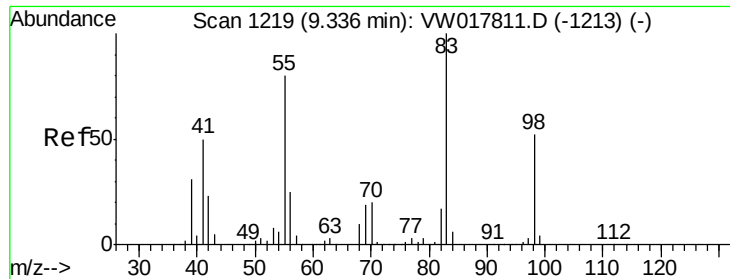
Ion 95.00 (94.70 to 95.70): VW

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

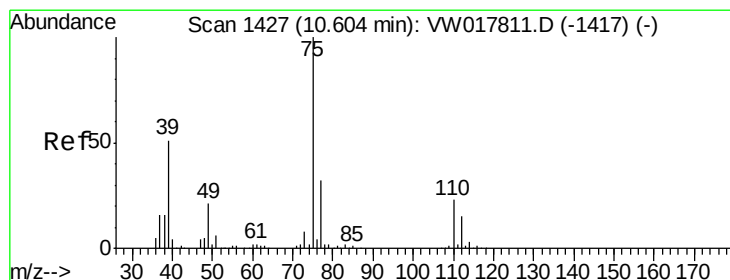
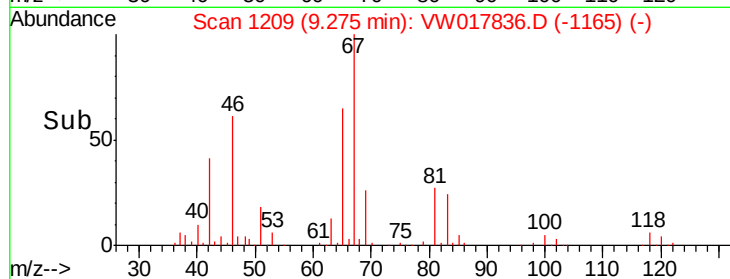
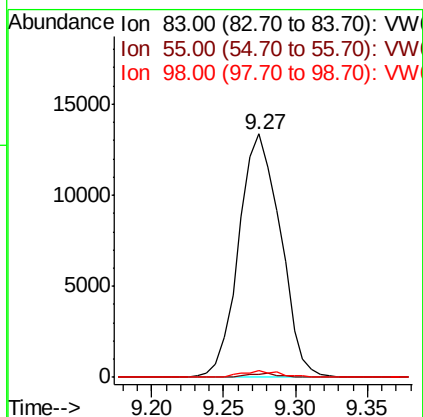
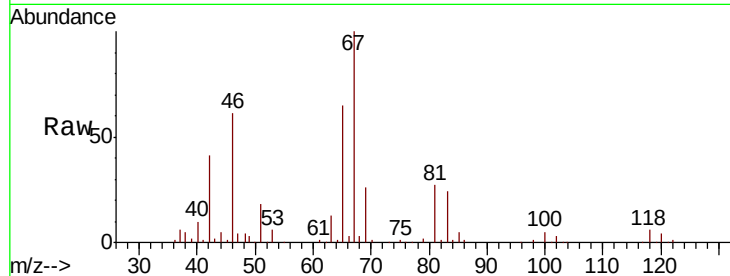




#36
Methylcyclohexane
Concen: 3.300 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017836.D
Acq: 12 Jan 2021 15:29

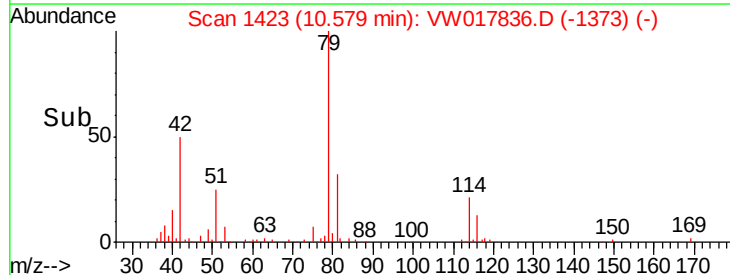
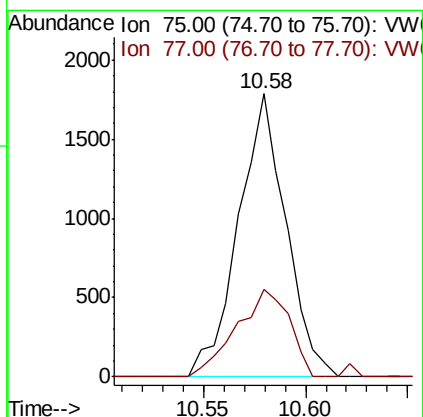
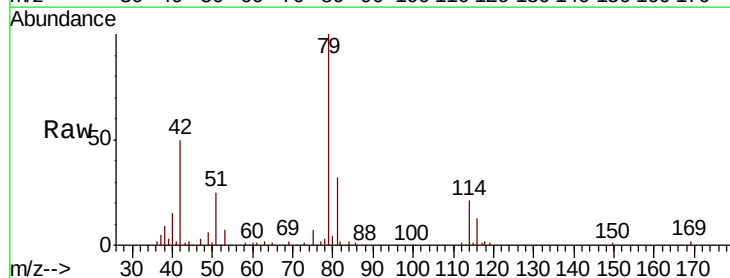
Instrument :
MSVOA_W
ClientSampleId :

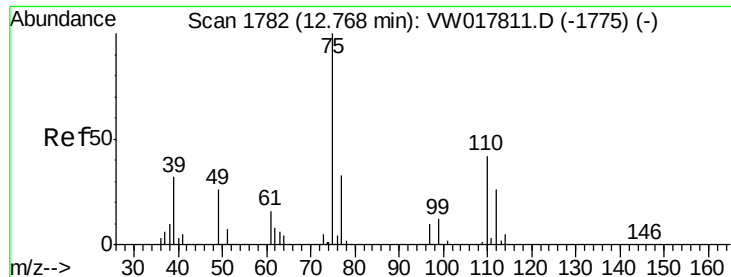
Tot Ion: 83 Resp: 26830
Ion Ratio Lower Upper
83 100
55 1.1 57.6 86.4#
98 2.0 39.7 59.5#



#45
trans-1,3-Dichloropropene
Concen: 0.536 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW017836.D
Acq: 12 Jan 2021 15:29

Tgt Ion: 75 Resp: 2891
Ion Ratio Lower Upper
75 100
77 30.7 21.6 40.0





#59

1,2,3-Trichloropropane

Concen: 8.698 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017836.D

Acq: 12 Jan 2021 15:29

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 21044

Ion Ratio Lower Upper

75 100

77 34.6 25.4 38.0

