

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
 Data File : VW016832.D
 Acq On : 07 Oct 2020 14:04
 Operator : SY/VA
 Sample : L4209-11RE
 Misc : 5.17G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLWW2

Quant Time: Oct 08 08:40:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 08:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	570980	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	504240	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	229549	25.00	ug/L	0.00

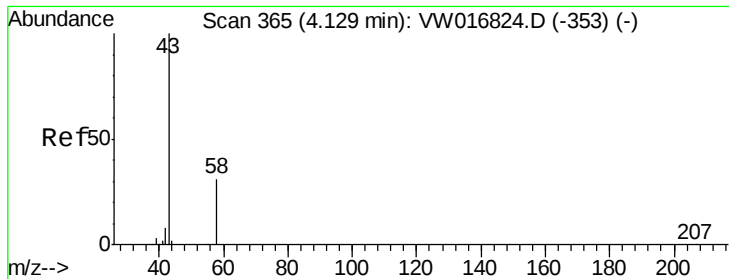
System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	154904	27.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.00%
7) Chloroethane-d5	2.89	69	125861	26.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.56%
10) 1,1-Dichloroethene-d2	4.02	63	220904	18.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.88%
20) 2-Butanone-d5	7.09	46	50731	39.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.52%
24) Chloroform-d	7.65	84	302055	25.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.28%
26) 1,2-Dichloroethane-d4	8.30	65	148041	25.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.76%
29) Benzene-d6	8.27	84	625840	27.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.32%
33) 1,2-Dichloropropane-d6	9.27	67	167417	27.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.80%
37) Toluene-d8	10.32	98	580391	26.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.44%
38) trans-1,3-Dichloropropene-	10.58	79	66511	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.00%
39) 2-Hexanone-d5	10.93	63	42743	44.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112922	22.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	185947	25.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.16%

Target Compounds

					Ovalue
13) Acetone	4.15	43	1321	1.368 ug/L	97
16) Methylene chloride	4.92	84	12388	1.572 ug/L	93
42) cis-1,3-Dichloropropene	10.04	75	5049	0.517 ug/L #	79
45) trans-1,3-Dichloropropene	10.58	75	3059	0.372 ug/L	85
46) 1,1,2-Trichloroethane	10.86	97	3412	0.685 ug/L #	1
47) Tetrachloroethene	10.87	164	461788	65.030 ug/L	97
59) 1,2,3-Trichloropropane	13.56	75	23428	5.879 ug/L	93

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



#13

Acetone

Concen: 1.368 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW016832.D

Acq: 07 Oct 2020 14:04

Instrument :

MSVOA_W

ClientSampled :

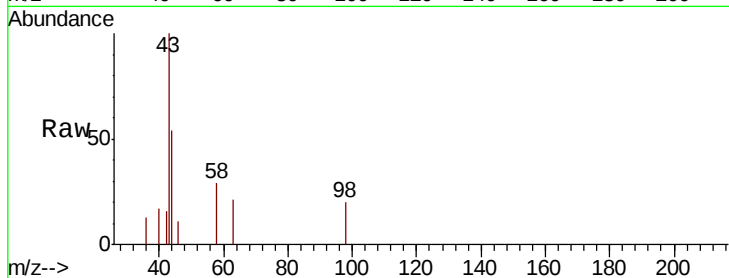
JLWW2

Tot Ion: 43 Resp: 1321

Ion Ratio Lower Upper

43 100

58 35.7 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

800

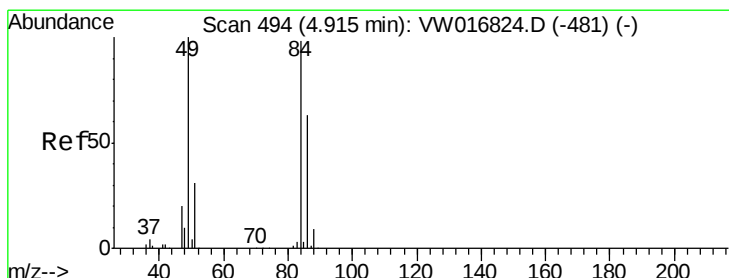
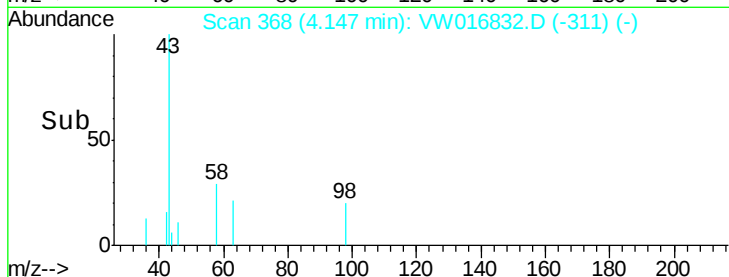
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 1.572 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016832.D

Acq: 07 Oct 2020 14:04

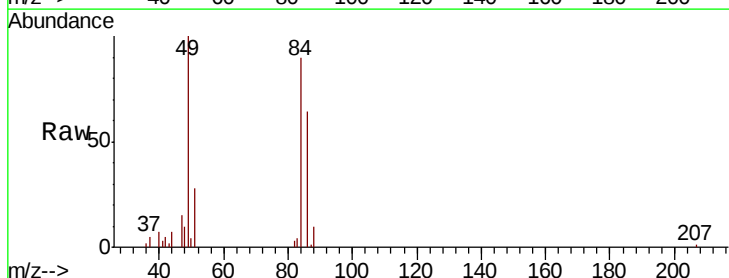
Tgt Ion: 84 Resp: 12388

Ion Ratio Lower Upper

84 100

49 111.3 73.1 135.8

86 71.1 46.0 85.4



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

4.92

5000

4000

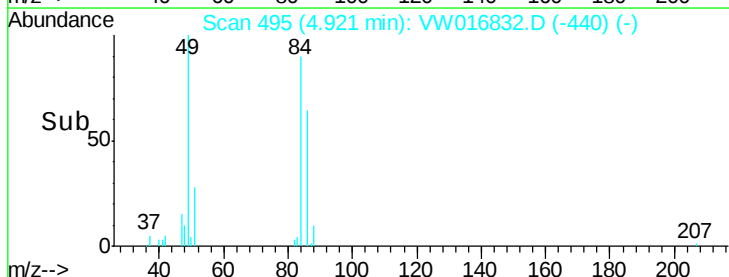
3000

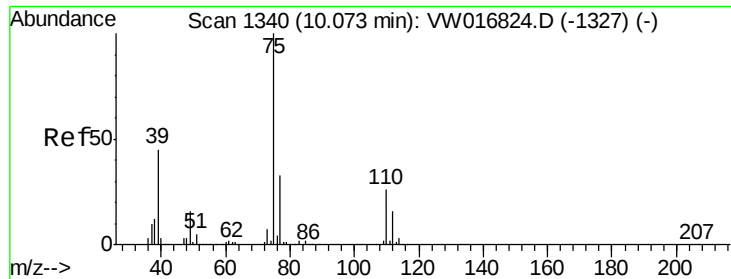
2000

1000

0

Time-->





#42

cis-1,3-Dichloropropene

Concen: 0.517 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016832.D

Acq: 07 Oct 2020 14:04

Instrument :

MSVOA_W

ClientSampled :

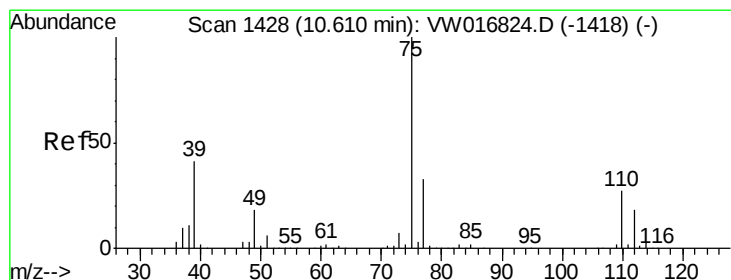
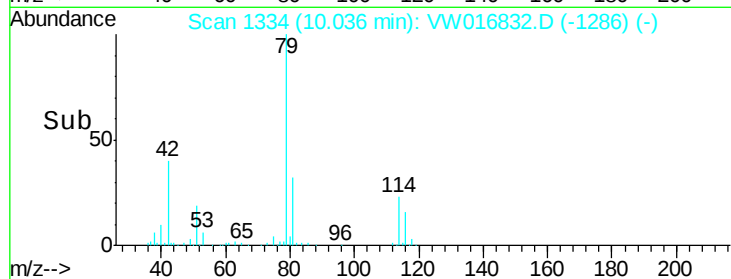
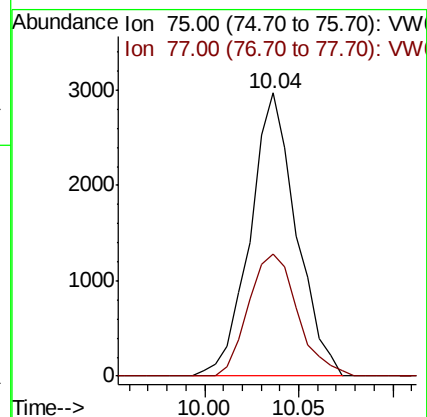
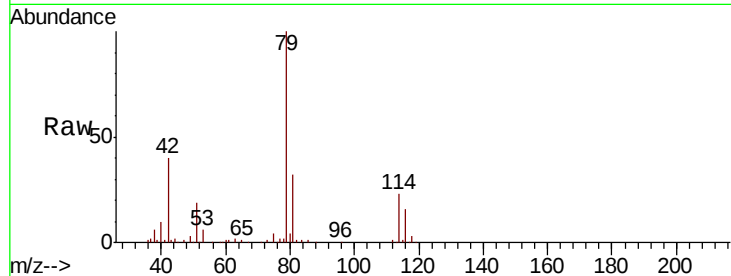
JLWW2

Tot Ion: 75 Resp: 5049

Ion Ratio Lower Upper

75 100

77 43.1 22.1 41.1#



#45

trans-1,3-Dichloropropene

Concen: 0.372 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016832.D

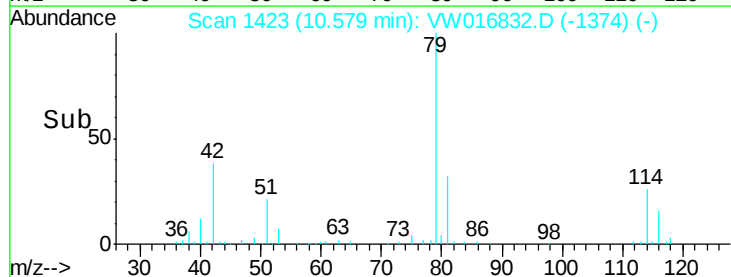
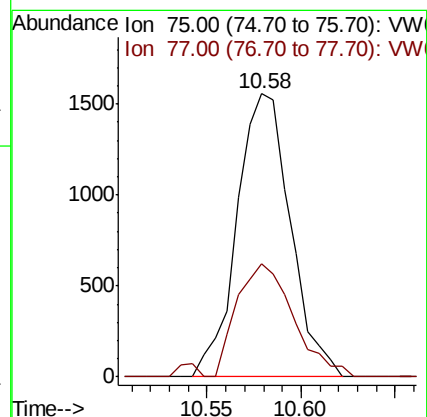
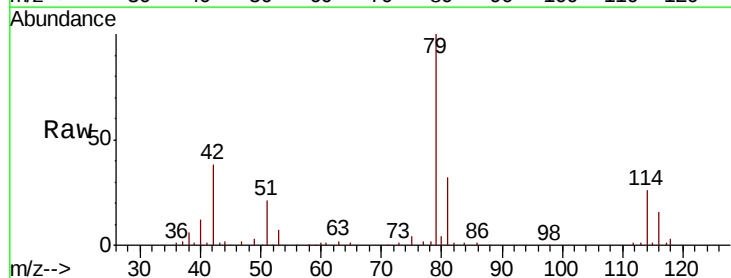
Acq: 07 Oct 2020 14:04

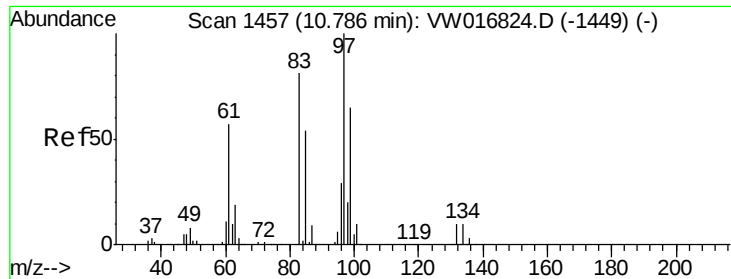
Tgt Ion: 75 Resp: 3059

Ion Ratio Lower Upper

75 100

77 40.0 22.2 41.2





#46

1,1,2-Trichloroethane

Concen: 0.685 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.07 min

Lab File: VW016832.D

Acq: 07 Oct 2020 14:04

Instrument :

MSVOA_W

ClientSampleId :

JLWW2

Tot Ion: 97 Resp: 3412

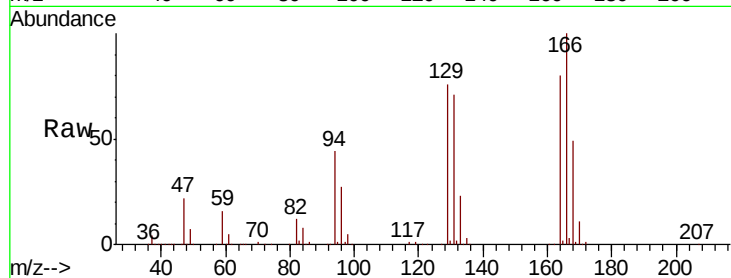
Ion Ratio Lower Upper

97 100

83 262.7 56.8 105.4#

85 31.6 37.0 68.6#

99 14.0 44.2 82.2#



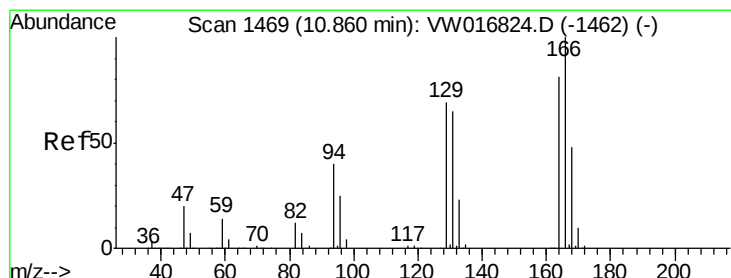
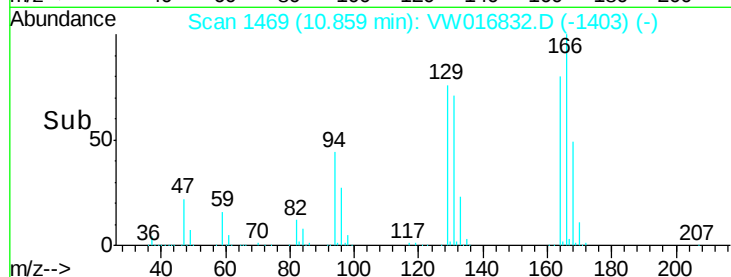
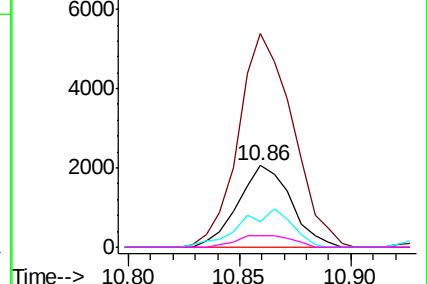
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47

Tetrachloroethene

Concen: 65.030 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW016832.D

Acq: 07 Oct 2020 14:04

Tgt Ion:164 Resp: 461788

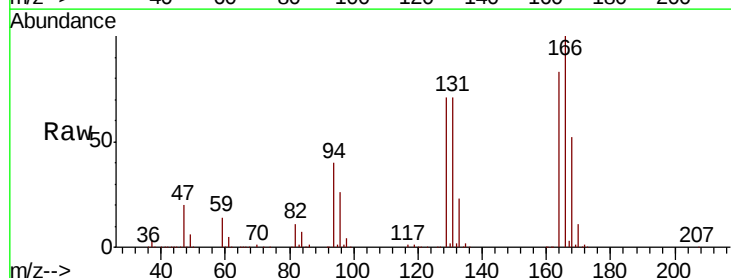
Ion Ratio Lower Upper

164 100

129 85.9 61.7 114.7

131 86.1 59.7 110.9

166 121.0 88.3 164.1



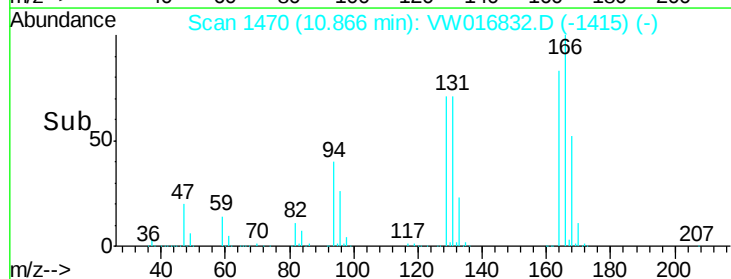
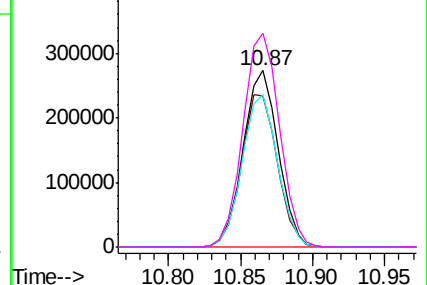
Abundance

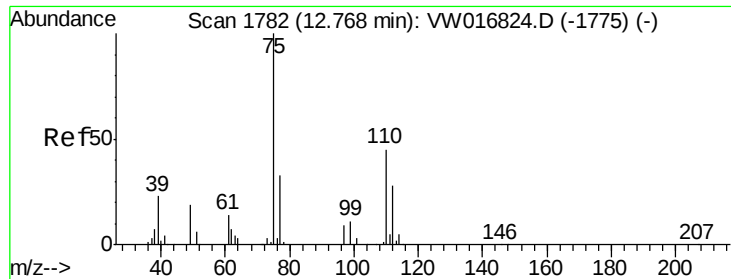
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#59

1,2,3-Trichloropropane

Concen: 5.879 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016832.D

Acq: 07 Oct 2020 14:04

Instrument :

MSVOA_W

ClientSampleId :

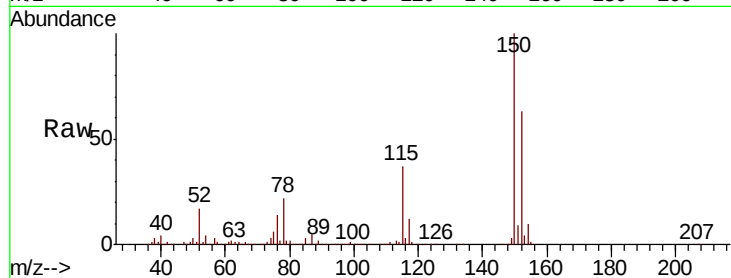
JLWW2

Tot Ion: 75 Resp: 23428

Ion Ratio Lower Upper

75 100

77 36.6 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

