

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072320\
 Data File : VW015928.D
 Acq On : 23 Jul 2020 17:50
 Operator : SY/VA
 Sample : L3388-07
 Misc : 4.30G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 07:03:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 24 06:59:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	371871	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	308326	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	99636	25.00	ug/L	0.00

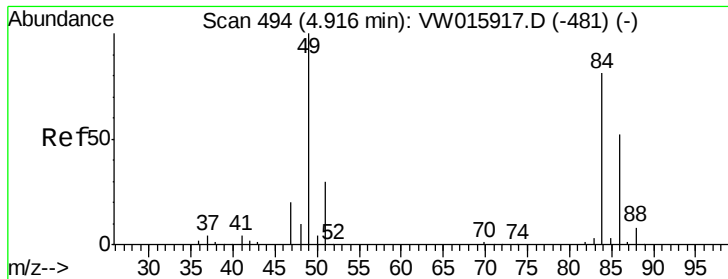
System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	119038	22.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.76%
7) Chloroethane-d5	2.90	69	91696	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.08%
10) 1,1-Dichloroethene-d2	4.01	63	167747	15.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.24%
20) 2-Butanone-d5	7.09	46	46624	33.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.66%
24) Chloroform-d	7.65	84	213518	20.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.76%
26) 1,2-Dichloroethane-d4	8.31	65	124522	21.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.88%
29) Benzene-d6	8.28	84	412334	21.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.88%
33) 1,2-Dichloropropane-d6	9.28	67	130471	23.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.76%
37) Toluene-d8	10.33	98	345297	20.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.24%
38) trans-1,3-Dichloropropene-	10.58	79	43049	17.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.80%
39) 2-Hexanone-d5	10.93	63	32724	34.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94980	21.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	81773	21.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.20%

Target Compounds

					Ovalue
16) Methylene chloride	4.92	84	12467	2.046 ug/L	98
21) 2-Butanone	7.16	43	7344	5.131 ug/L #	47
35) Trichloroethene	8.85	95	11167	2.254 ug/L #	6
40) 1,2-Dichloropropane	9.28	63	14301	3.083 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2863	0.405 ug/L #	62
59) 1,2,3-Trichloropropane	13.56	75	12238	4.170 ug/L	90

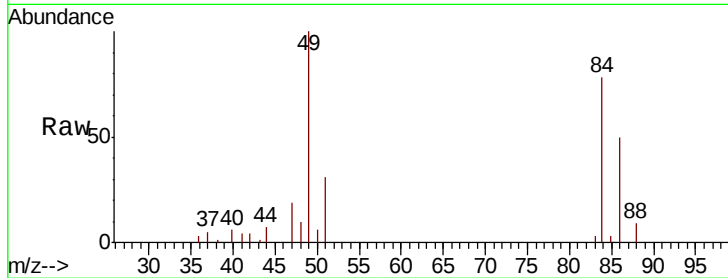
(#) = qualifier out of range (m) = manual integration (+) = signals summed



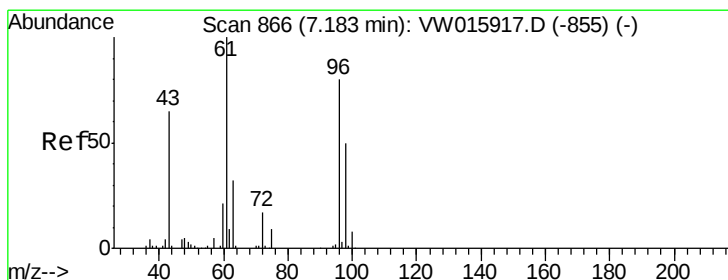
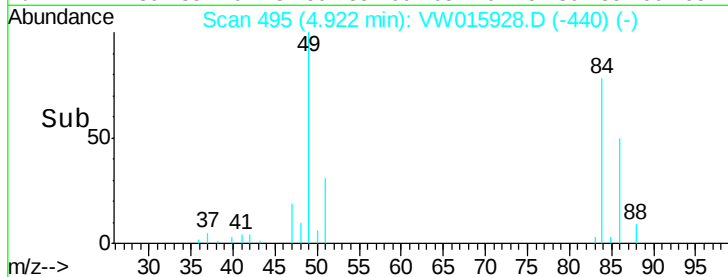
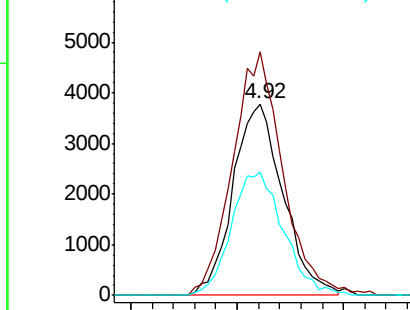
#16
Methylene chloride
Concen: 2.046 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015928.D
Acq: 23 Jul 2020 17:50

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 12467
Ion Ratio Lower Upper
84 100
49 127.4 91.1 169.1
86 64.2 46.0 85.4

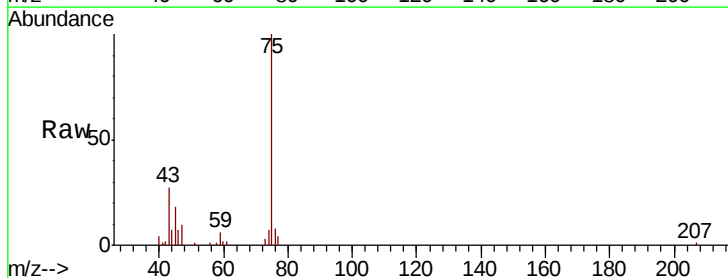


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

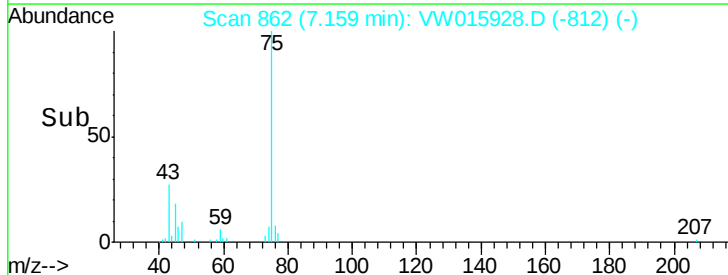
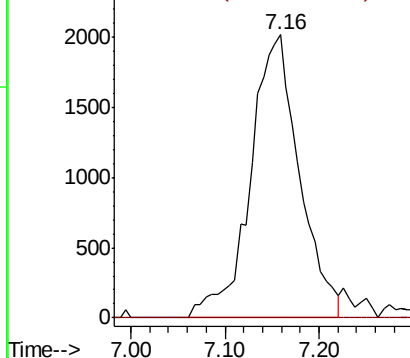


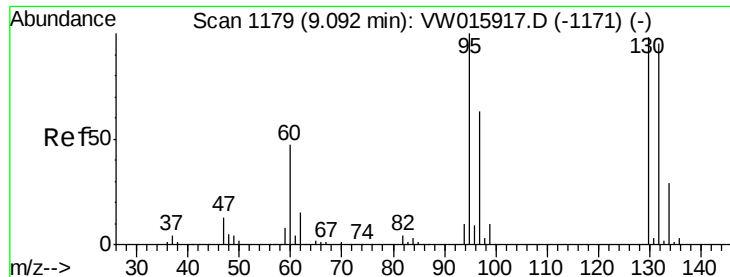
#21
2-Butanone
Concen: 5.131 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: VW015928.D
Acq: 23 Jul 2020 17:50

Tgt Ion: 43 Resp: 7344
Ion Ratio Lower Upper
43 100
72 0.0 13.9 41.7#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 2.254 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015928.D

Acq: 23 Jul 2020 17:50

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 11167

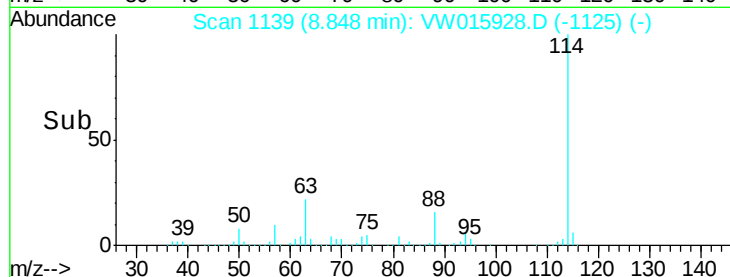
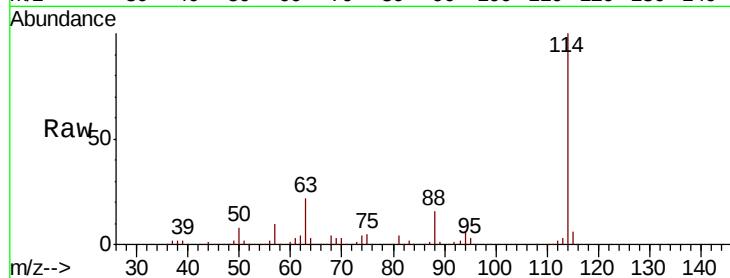
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.4#

132 0.0 65.1 120.9#

130 0.0 68.6 127.4#

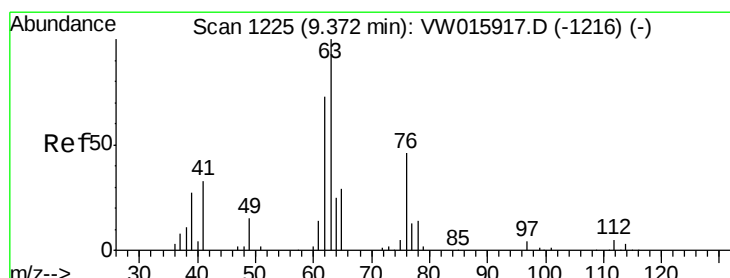
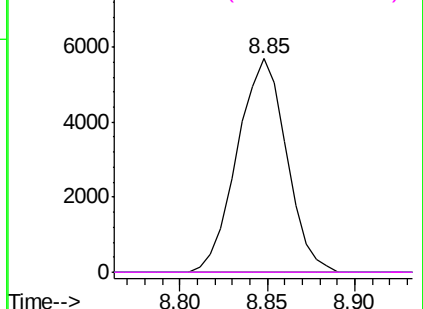


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 3.083 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW015928.D

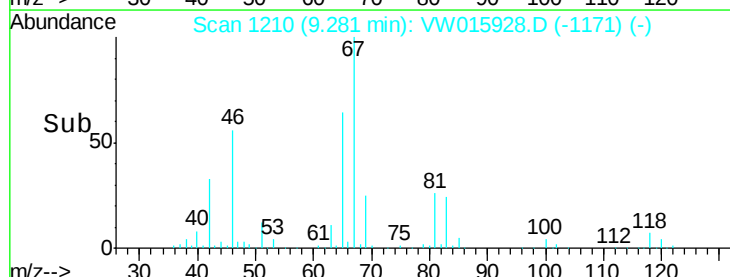
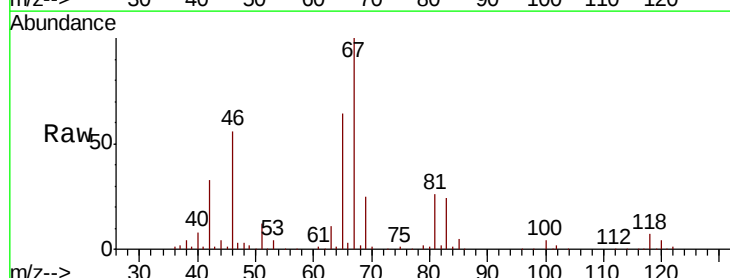
Acq: 23 Jul 2020 17:50

Tgt Ion: 63 Resp: 14301

Ion Ratio Lower Upper

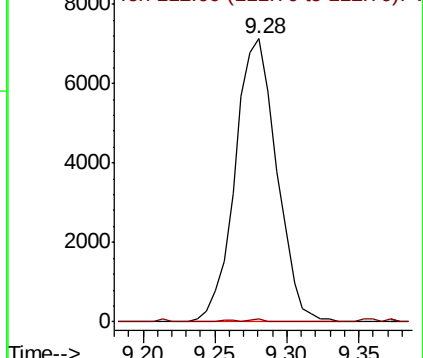
63 100

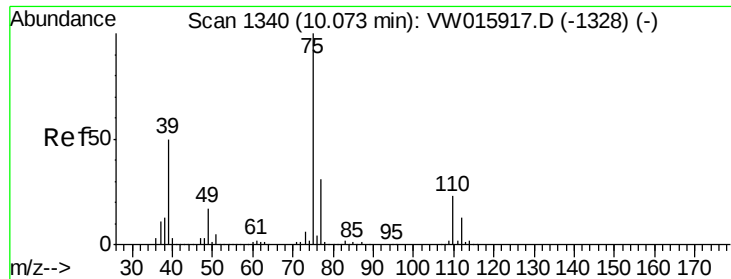
112 0.4 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

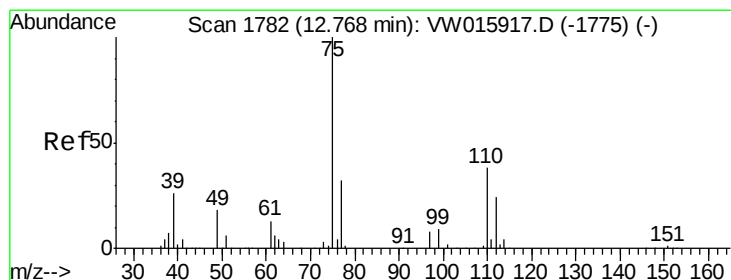
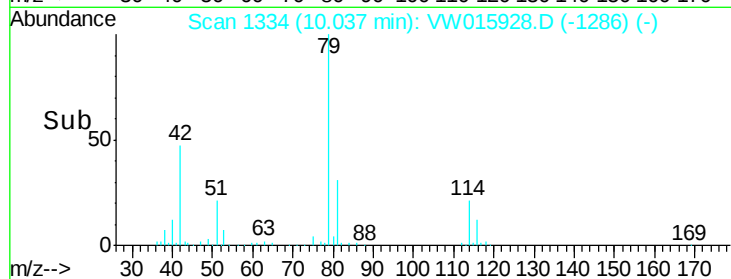
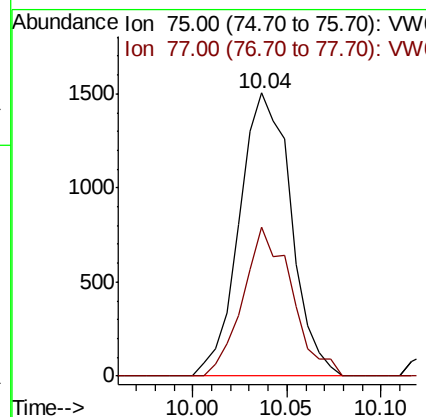
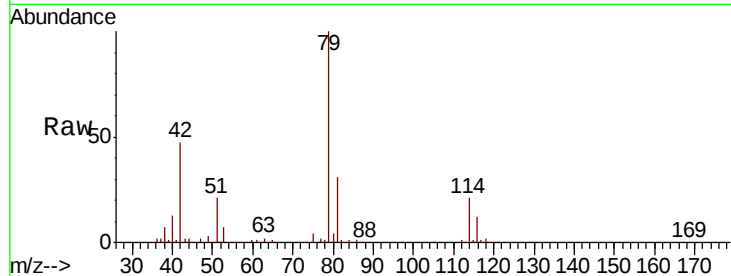




#42
 cis-1,3-Dichloropropene
 Concen: 0.405 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015928.D
 Acq: 23 Jul 2020 17:50

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 2863
 Ion Ratio Lower Upper
 75 100
 77 52.7 22.2 41.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.170 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW015928.D
 Acq: 23 Jul 2020 17:50

Tgt Ion: 75 Resp: 12238
 Ion Ratio Lower Upper
 75 100
 77 38.0 26.0 39.0

