

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082020\
 Data File : VW016273.D
 Acq On : 20 Aug 2020 17:57
 Operator : SY/VA
 Sample : L3767-14
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 21 03:31:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 21 03:27:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	338738	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	323241	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144446	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	68341	16.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.08%
7) Chloroethane-d5	2.89	69	56804	17.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.28%
10) 1,1-Dichloroethene-d2	4.02	63	123351	13.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.32%
20) 2-Butanone-d5	7.08	46	56606	51.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.44%
24) Chloroform-d	7.65	84	196870	21.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.64%
26) 1,2-Dichloroethane-d4	8.31	65	106374	22.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.12%
29) Benzene-d6	8.28	84	384444	21.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.44%
33) 1,2-Dichloropropane-d6	9.27	67	113578	21.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.84%
37) Toluene-d8	10.32	98	347366	21.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.16%
38) trans-1,3-Dichloropropene-	10.58	79	48766	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.92%
39) 2-Hexanone-d5	10.93	63	46306	51.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107413	25.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	128394	25.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.32%

Target Compounds

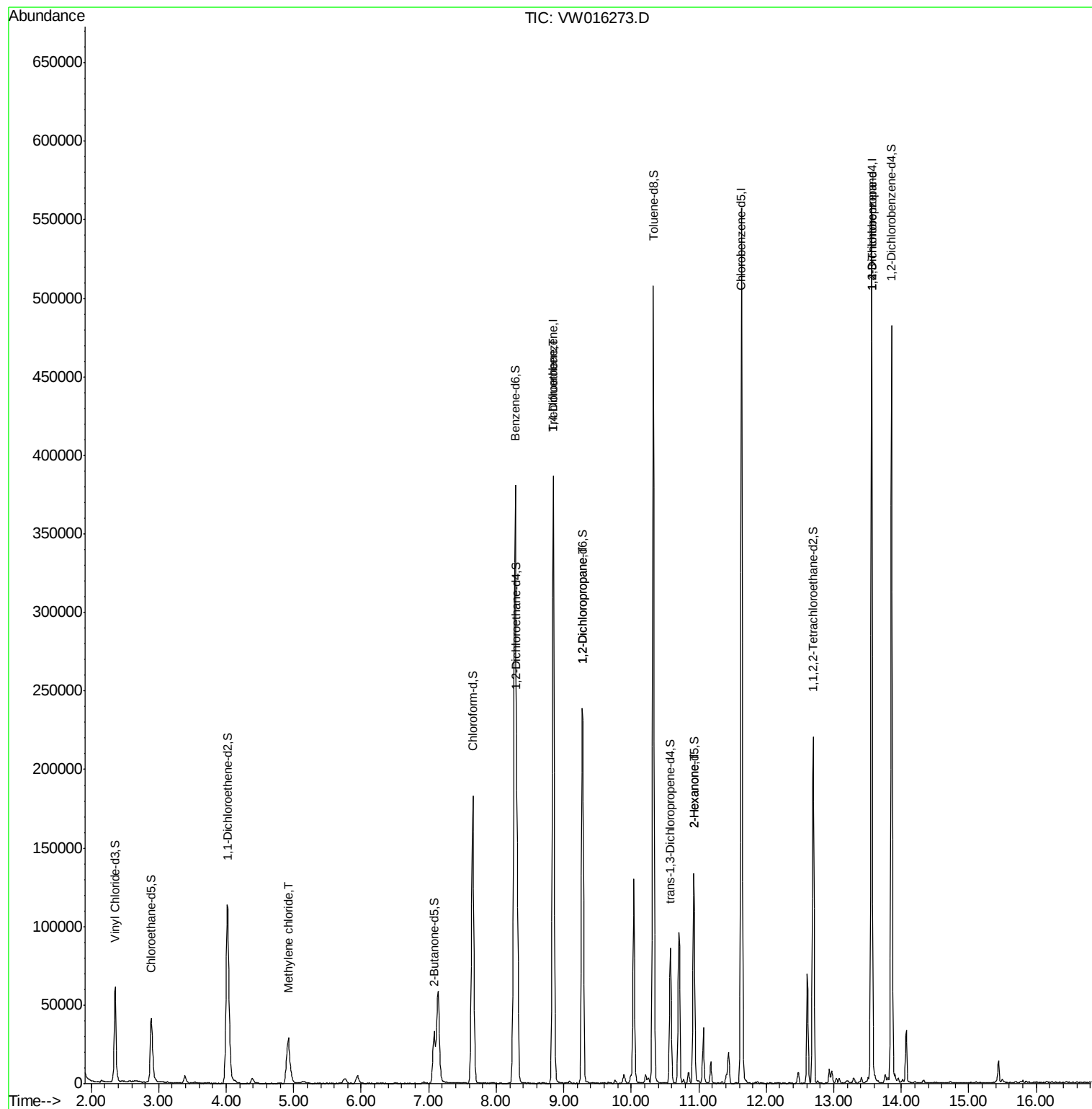
					Ovalue
16) Methylene chloride	4.92	84	24602	4.600 ug/L	90
35) Trichloroethene	8.85	95	9882	1.972 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	12763	2.788 ug/L #	86
49) 2-Hexanone	10.93	43	5177	2.787 ug/L #	66
59) 1,2,3-Trichloropropane	13.56	75	16737	5.255 ug/L	90

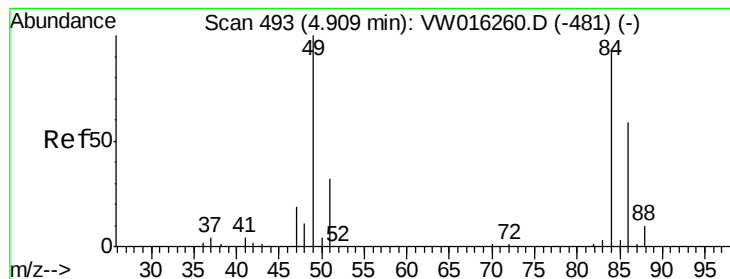
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 4.600 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW016273.D

Acq: 20 Aug 2020 17:57

Instrument :

MSVOA_W

ClientSampled :

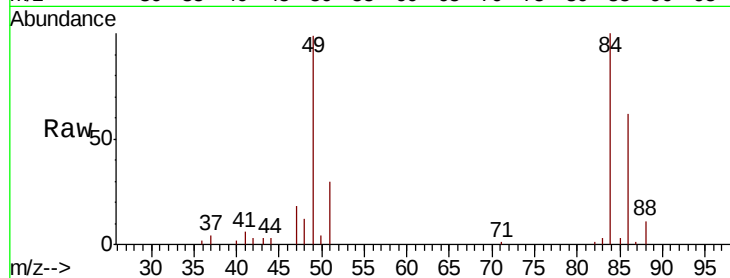
Tot Ion: 84 Resp: 24602

Ion Ratio Lower Upper

84 100

49 98.9 80.4 149.4

86 61.8 43.8 81.3

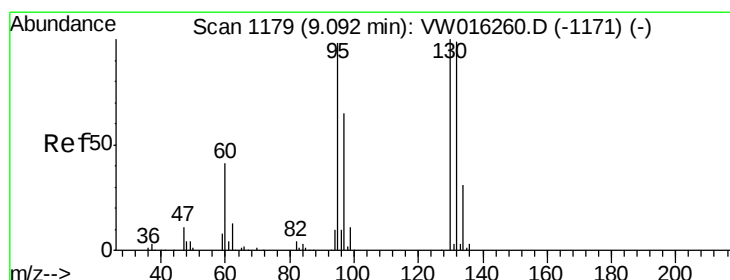
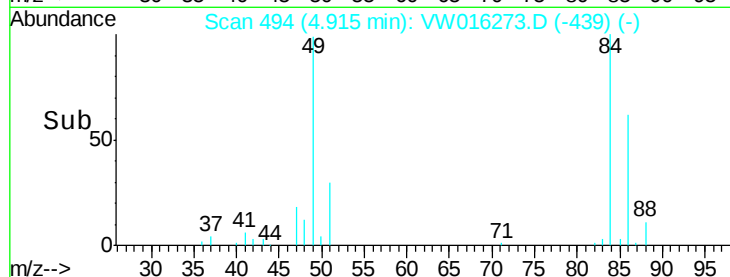
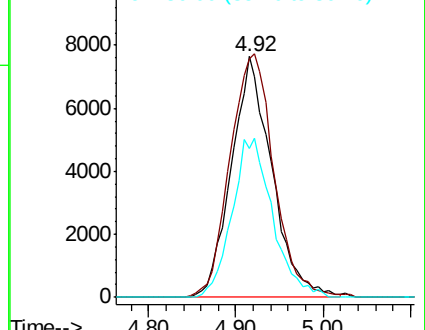


Abundance

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: 1.972 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016273.D

Acq: 20 Aug 2020 17:57

Tgt Ion: 95 Resp: 9882

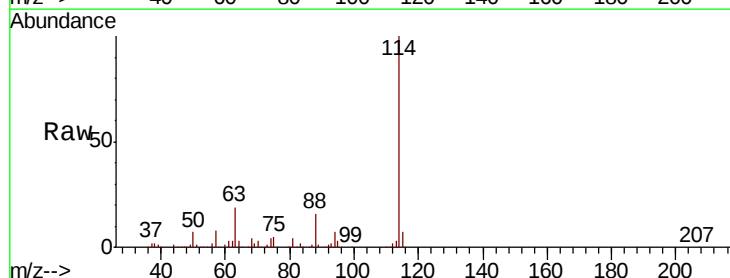
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.3#

132 0.7 65.8 122.2#

130 0.5 69.5 129.1#



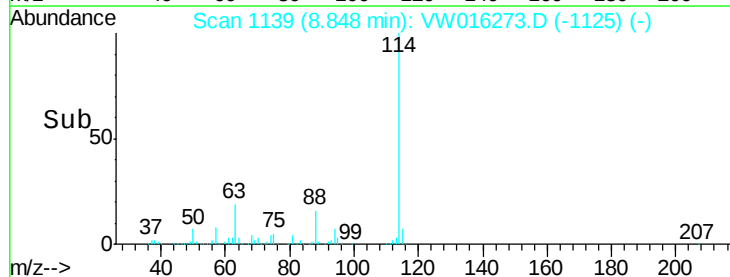
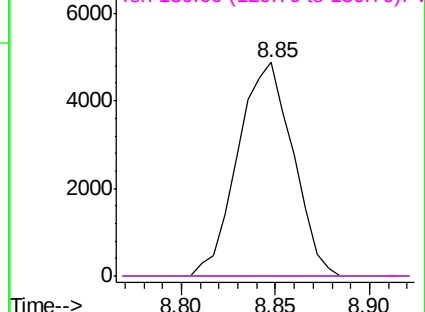
Abundance

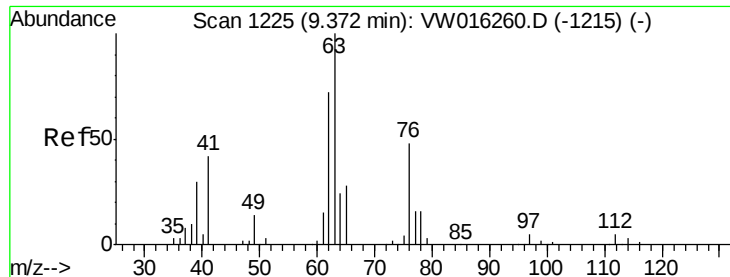
Ion 95.00 (94.70 to 95.70): VW

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

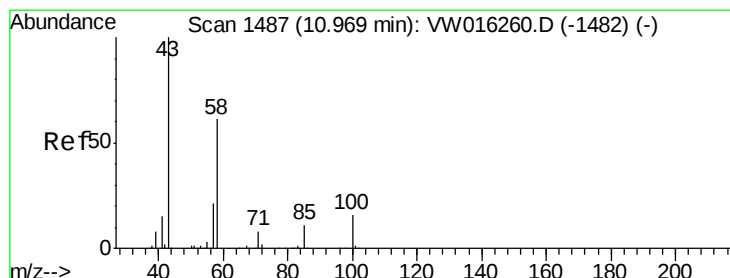
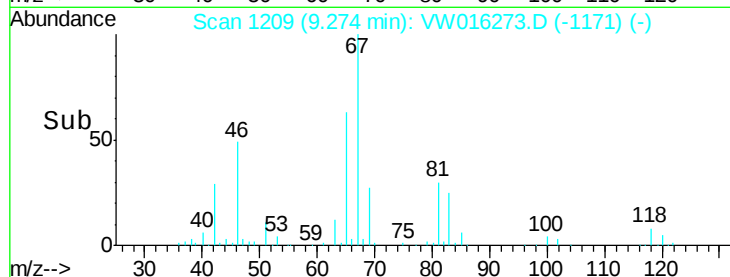
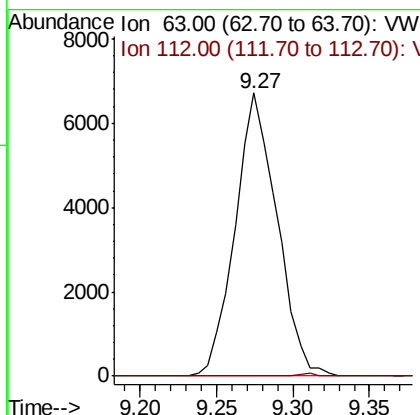
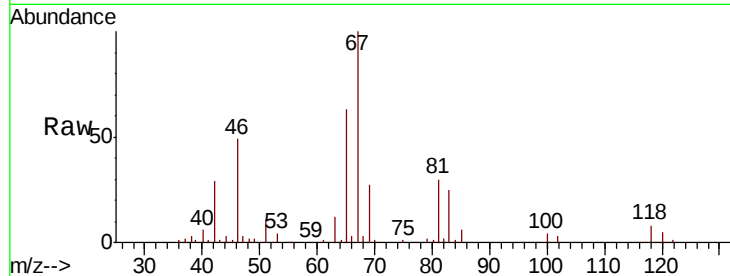




#40
 1,2-Dichloropropane
 Concen: 2.788 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016273.D
 Acq: 20 Aug 2020 17:57

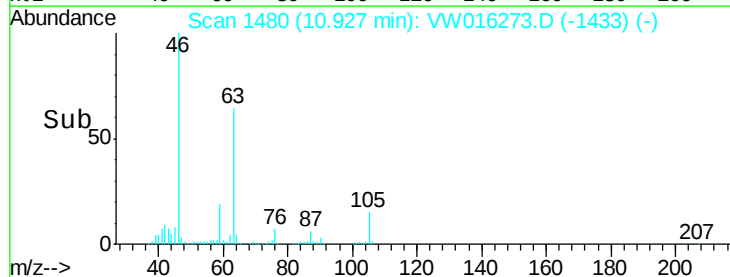
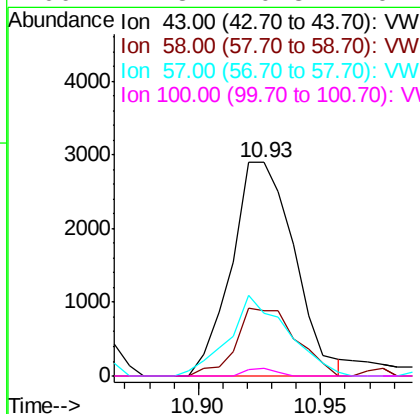
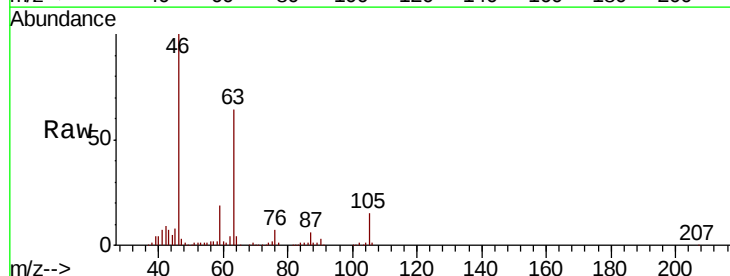
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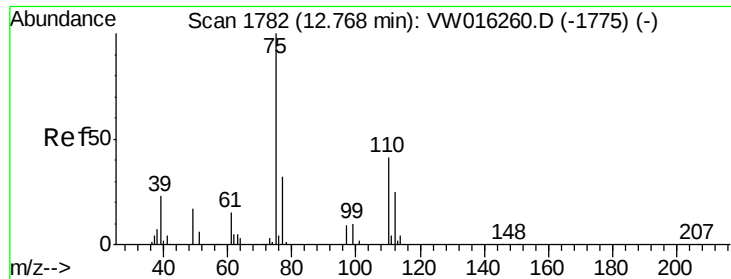
Tot Ion: 63 Resp: 12763
 Ion Ratio Lower Upper
 63 100
 112 0.4 4.0 6.0#



#49
 2-Hexanone
 Concen: 2.787 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW016273.D
 Acq: 20 Aug 2020 17:57

Tgt Ion: 43 Resp: 5177
 Ion Ratio Lower Upper
 43 100
 58 30.2 44.2 66.2#
 57 35.5 15.8 23.6#
 100 1.8 10.8 16.2#





#59

1,2,3-Trichloropropane

Concen: 5.255 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016273.D

Acq: 20 Aug 2020 17:57

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 16737

Ion Ratio Lower Upper

75 100

77 37.9 25.9 38.9

