

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073020\
 Data File : VW016012.D
 Acq On : 30 Jul 2020 15:32
 Operator : SY/VA
 Sample : L3492-18
 Misc : 3.61G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 31 06:37:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 06:34:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	422271	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	395705	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	163312	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	112205	18.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.32%
7) Chloroethane-d5	2.89	69	93382	19.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.20%
10) 1,1-Dichloroethene-d2	4.01	63	174471	14.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.92%
20) 2-Butanone-d5	7.09	46	70868	45.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.56%
24) Chloroform-d	7.65	84	244876	20.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	8.31	65	136005	20.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.56%
29) Benzene-d6	8.28	84	485540	20.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.64%
33) 1,2-Dichloropropane-d6	9.28	67	151759	21.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.08%
37) Toluene-d8	10.33	98	422886	19.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.52%
38) trans-1,3-Dichloropropene-	10.58	79	58636	19.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.20%
39) 2-Hexanone-d5	10.93	63	51244	42.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123744	22.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	134217	21.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.32%

Target Compounds

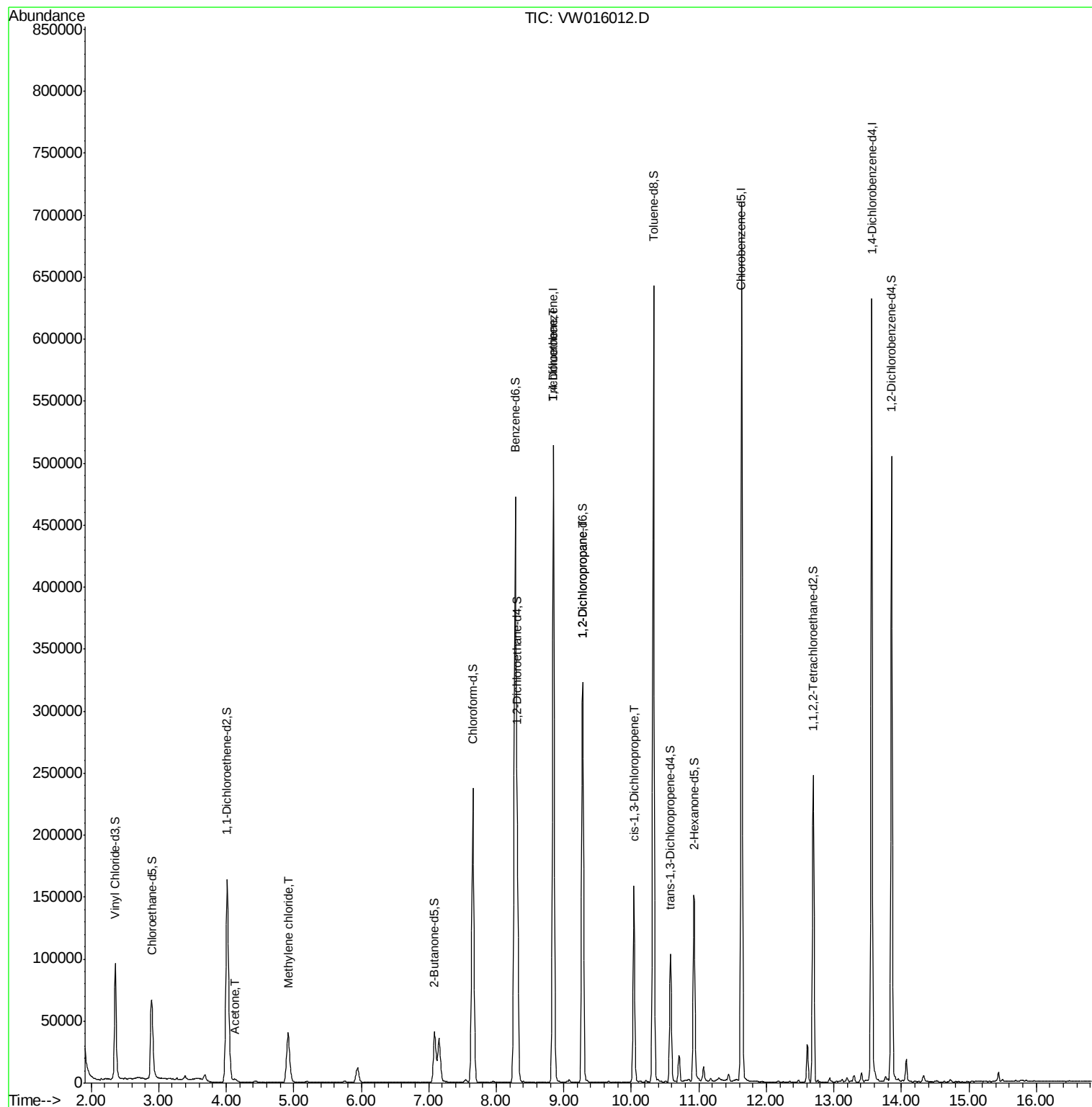
					Ovalue
13) Acetone	4.14	43	4843	3.684 ug/L	96
16) Methylene chloride	4.92	84	32213	4.655 ug/L	99
35) Trichloroethene	8.85	95	12574	1.978 ug/L #	6
40) 1,2-Dichloropropane	9.28	63	16539	2.778 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3484	0.384 ug/L #	58

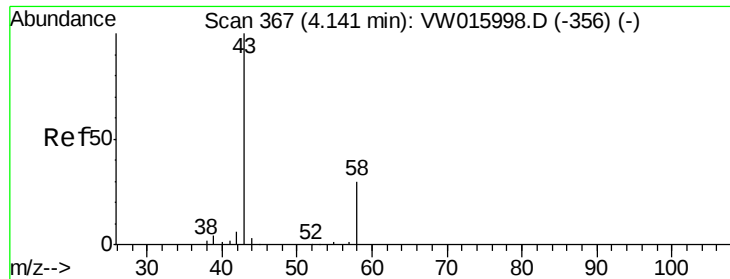
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.684 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW016012.D

Acq: 30 Jul 2020 15:32

Instrument :

MSVOA_W

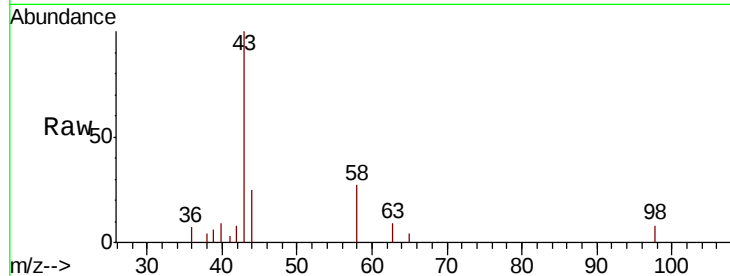
ClientSampled :

Tot Ion: 43 Resp: 4843

Ion Ratio Lower Upper

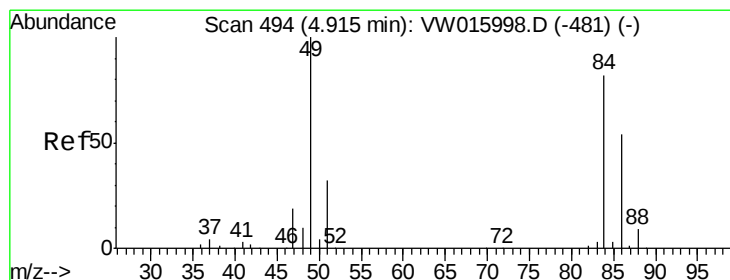
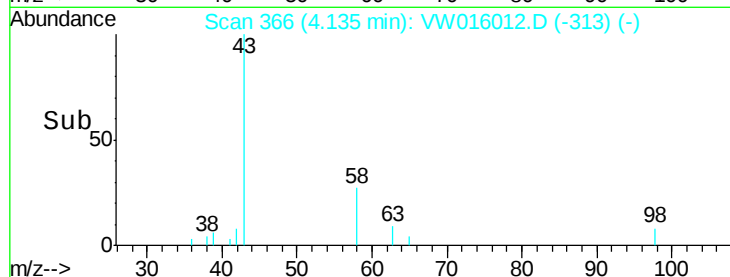
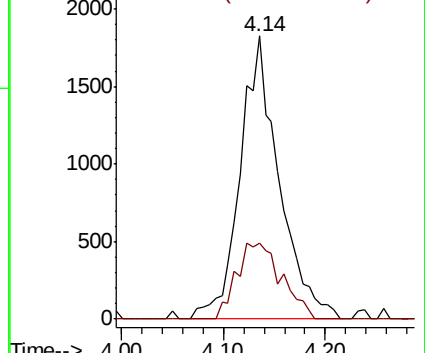
43 100

58 31.0 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 4.655 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW016012.D

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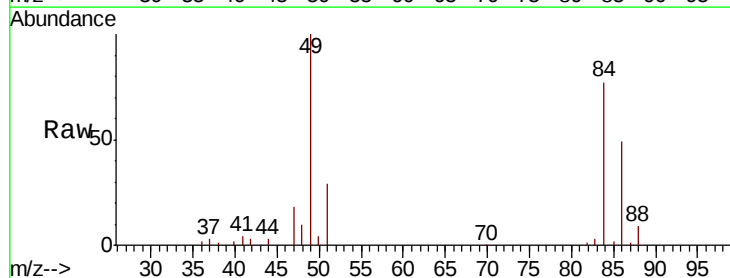
Tgt Ion: 84 Resp: 32213

Ion Ratio Lower Upper

84 100

49 129.5 91.1 169.1

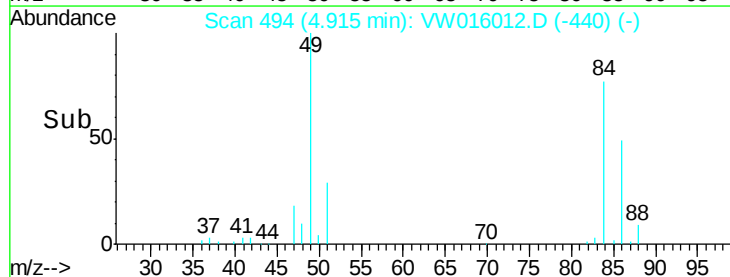
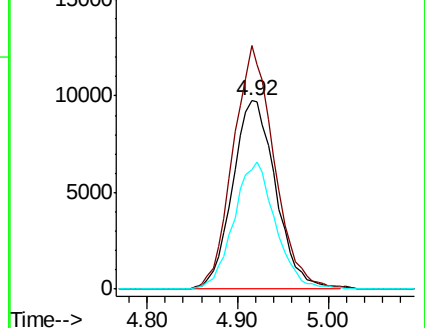
86 63.6 46.0 85.4

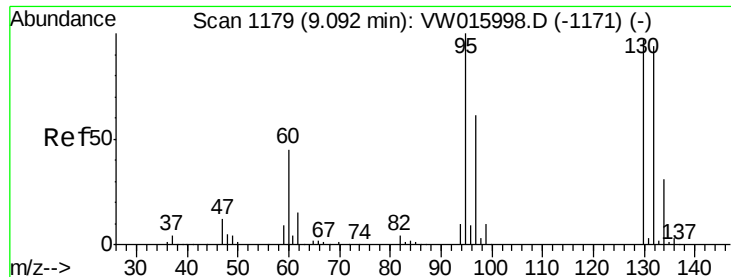


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

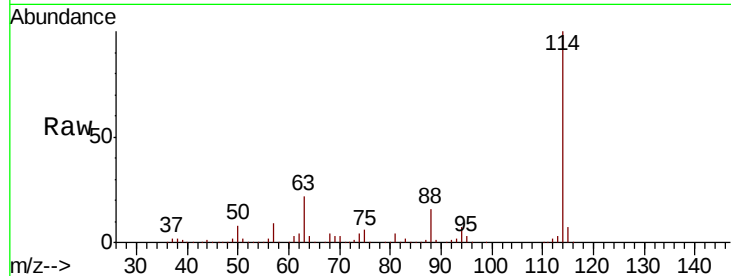




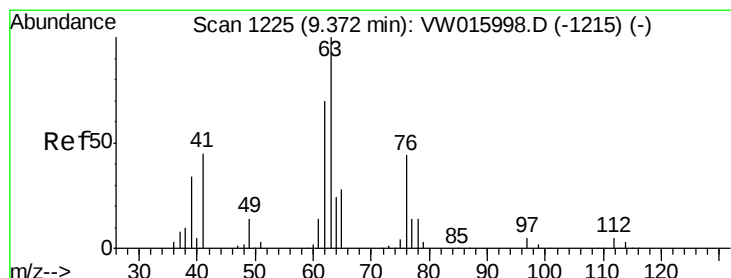
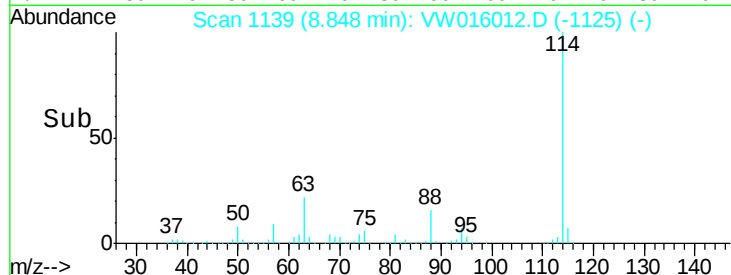
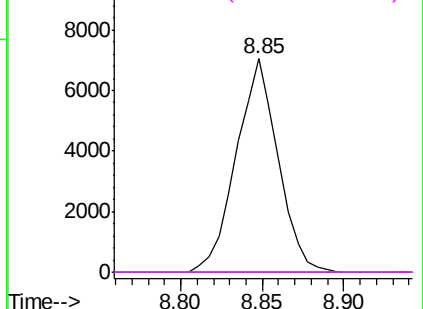
#35
 Trichloroethene
 Concen: 1.978 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW016012.D
 Acq: 30 Jul 2020 15:32

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 95 Resp: 12574
 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#

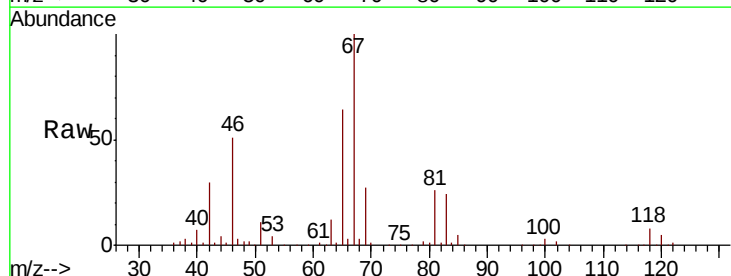


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

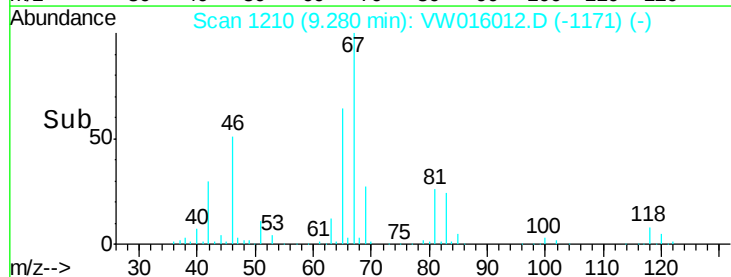
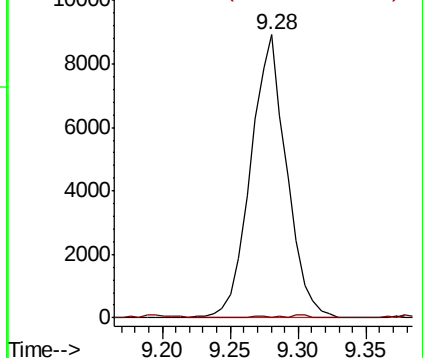


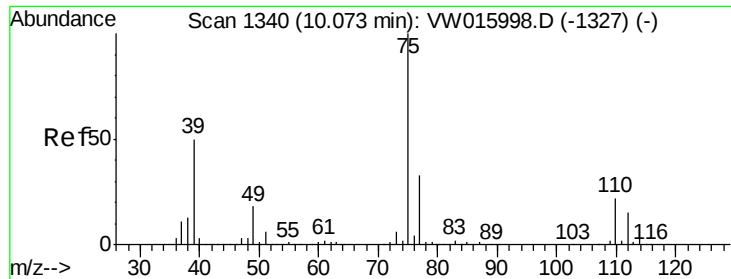
#40
 1,2-Dichloropropane
 Concen: 2.778 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW016012.D
 Acq: 30 Jul 2020 15:32

Tgt Ion: 63 Resp: 16539
 Ion Ratio Lower Upper
 63 100
 112 0.3 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: 0.384 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016012.D
 Acq: 30 Jul 2020 15:32

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 3484
 Ion Ratio Lower Upper
 75 100
 77 55.2 22.2 41.2#

