

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081020\
 Data File : VW016119.D
 Acq On : 10 Aug 2020 23:04
 Operator : SY/VA
 Sample : L3599-02
 Misc : 6.76G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY80

Quant Time: Aug 11 02:00:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:19:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	408686	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	390546	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155892	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	122606	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.80%
7) Chloroethane-d5	2.89	69	88437	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.96%
10) 1,1-Dichloroethene-d2	4.01	63	188070	17.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.92%
20) 2-Butanone-d5	7.09	46	87735	65.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.60%
24) Chloroform-d	7.65	84	263623	24.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.16%
26) 1,2-Dichloroethane-d4	8.31	65	164745	28.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.12%
29) Benzene-d6	8.27	84	514737	24.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.92%
33) 1,2-Dichloropropane-d6	9.27	67	157492	25.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.84%
37) Toluene-d8	10.32	98	462476	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.92%
38) trans-1,3-Dichloropropene-	10.58	79	70931	25.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.04%
39) 2-Hexanone-d5	10.93	63	73892	68.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.12%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	156064	30.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.72%#
61) 1,2-Dichlorobenzene-d4	13.86	152	146297	26.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.88%

Target Compounds

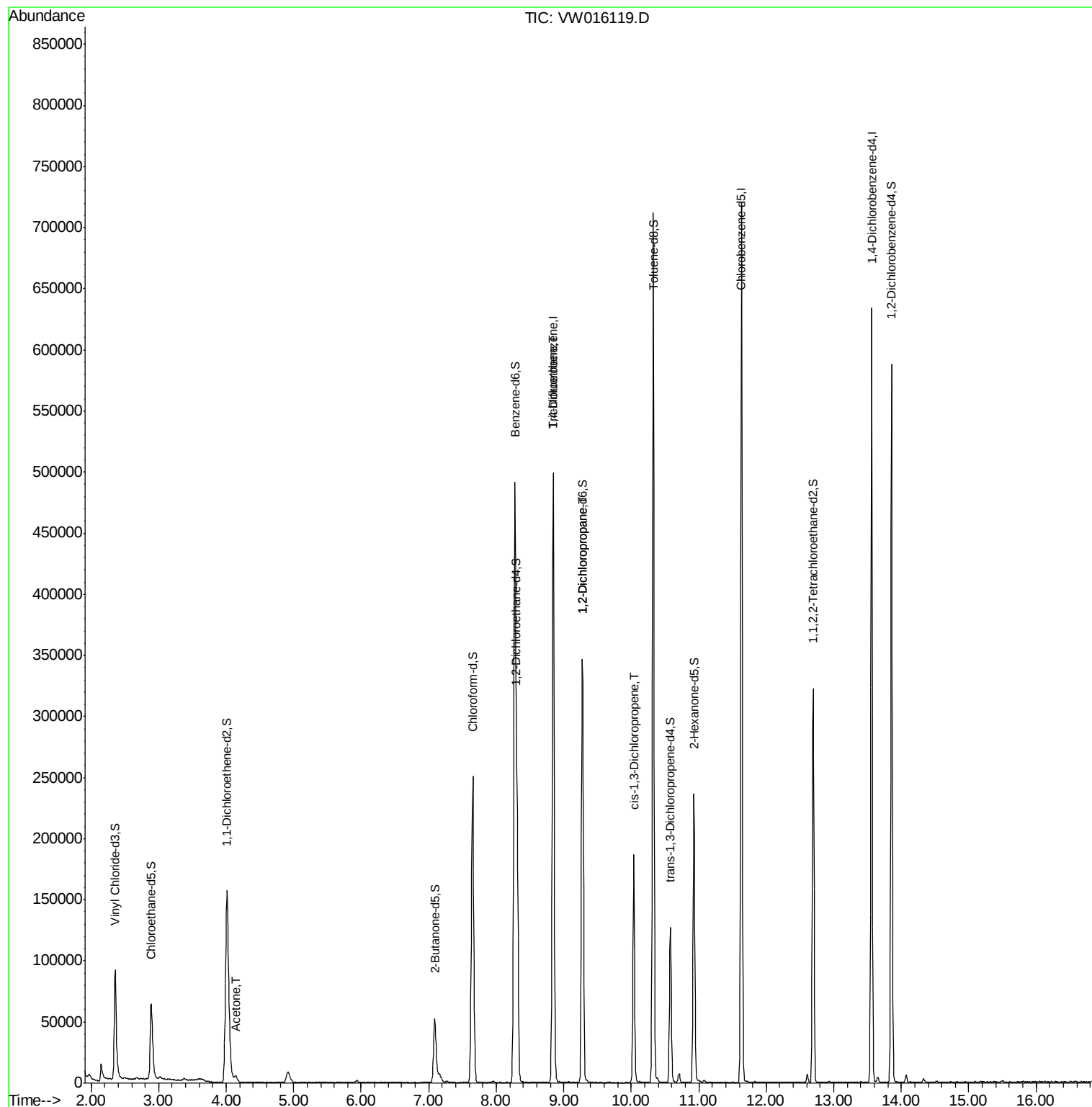
					Ovalue
13) Acetone	4.15	43	8866	8.790 ug/L	91
35) Trichloroethene	8.84	95	12881	2.127 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	18341	3.316 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	4755	0.565 ug/L #	67

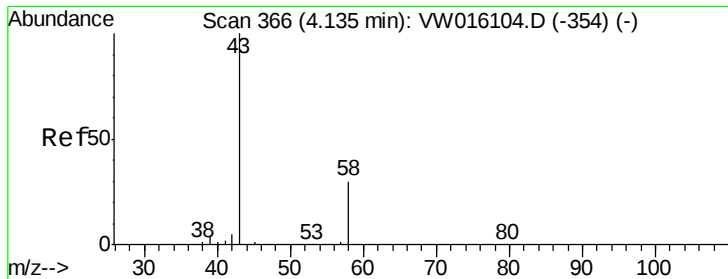
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.790 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW016119.D

Acq: 10 Aug 2020 23:04

Instrument :

MSVOA_W

ClientSampleId :

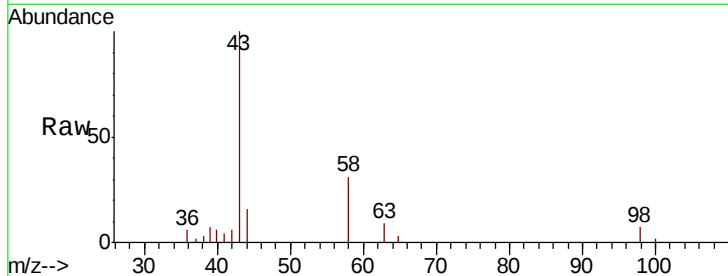
GAY80

Tot Ion: 43 Resp: 8866

Ion Ratio Lower Upper

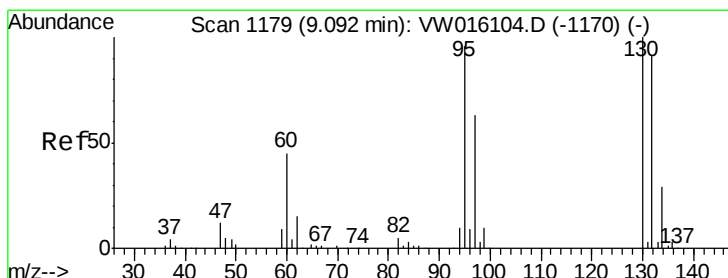
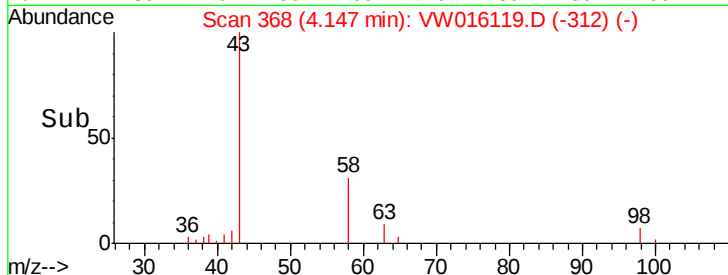
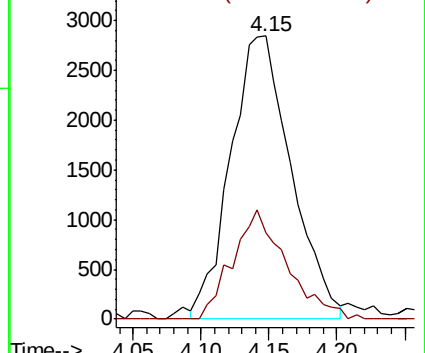
43 100

58 34.3 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.127 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW016119.D

Acq: 10 Aug 2020 23:04

Tgt Ion: 95 Resp: 12881

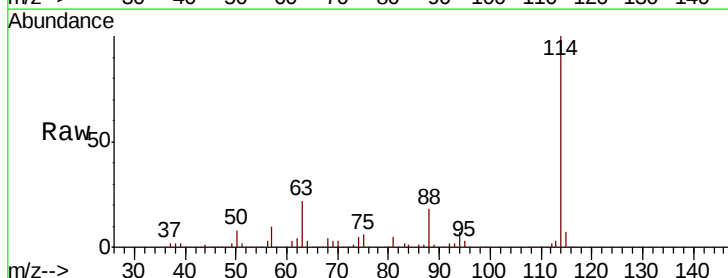
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.3#

132 0.0 65.8 122.2#

130 0.0 69.5 129.1#

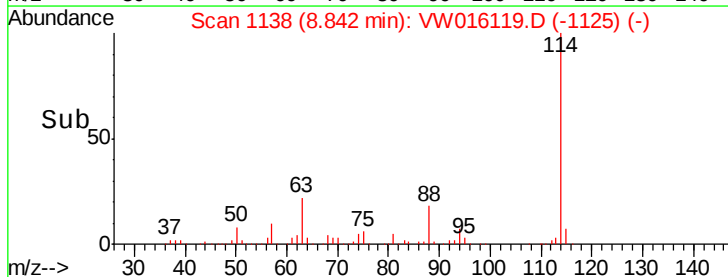
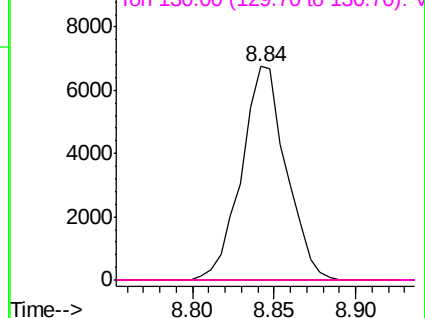


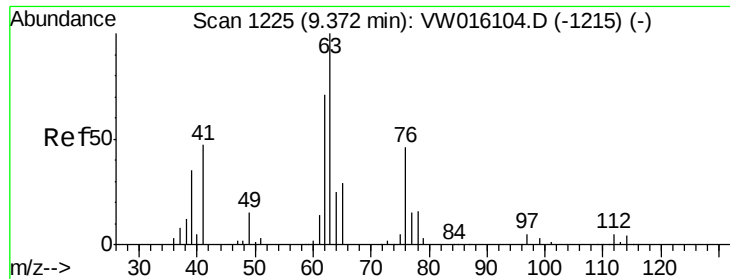
Abundance Ion 95.00 (94.70 to 95.70): VW

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

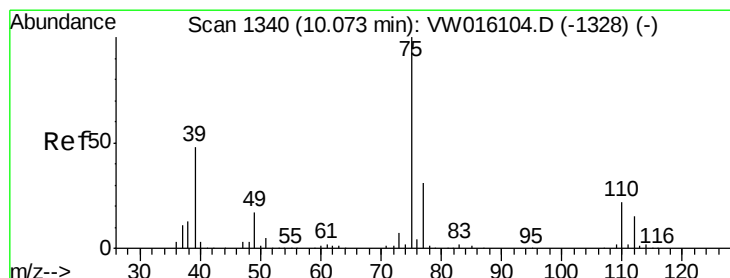
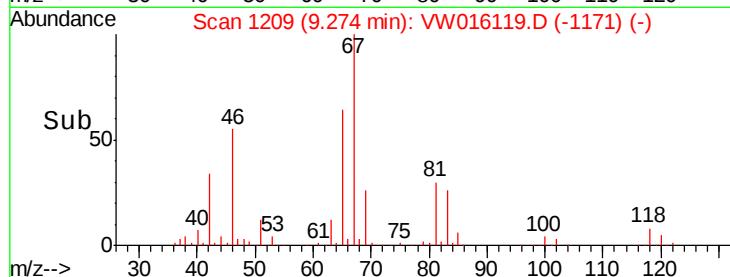
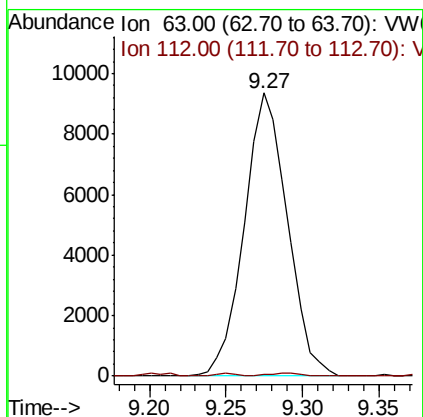
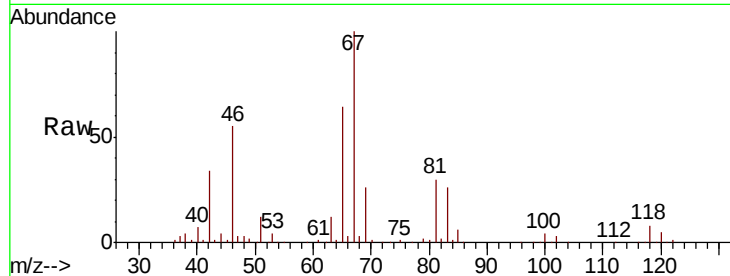




#40
 1,2-Dichloropropane
 Concen: 3.316 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016119.D
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Tot Ion: 63 Resp: 18341
 Ion Ratio Lower Upper
 63 100
 112 0.8 4.0 6.0#



#42
 cis-1,3-Dichloropropene
 Concen: 0.565 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016119.D
 Acq: 10 Aug 2020 23:04

Tgt Ion: 75 Resp: 4755
 Ion Ratio Lower Upper
 75 100
 77 51.1 22.9 42.5#

