

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081220\
 Data File : VW016158.D
 Acq On : 12 Aug 2020 14:13
 Operator : SY/VA
 Sample : L3599-15
 Misc : 6.84G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 01:26:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 01:23:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	413553	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	390588	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153010	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	112271	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.60%
7) Chloroethane-d5	2.89	69	84016	21.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.36%
10) 1,1-Dichloroethene-d2	4.01	63	185193	17.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.04%
20) 2-Butanone-d5	7.09	46	103556	76.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.52%#
24) Chloroform-d	7.65	84	268583	24.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	8.31	65	161138	27.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.36%
29) Benzene-d6	8.27	84	529651	24.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.72%
33) 1,2-Dichloropropane-d6	9.27	67	161901	25.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.64%
37) Toluene-d8	10.32	98	468170	24.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.08%
38) trans-1,3-Dichloropropene-	10.58	79	74858	26.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.64%
39) 2-Hexanone-d5	10.93	63	89527	83.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	166.12%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	171686	33.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.00%#
61) 1,2-Dichlorobenzene-d4	13.85	152	155479	28.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.68%

Target Compounds

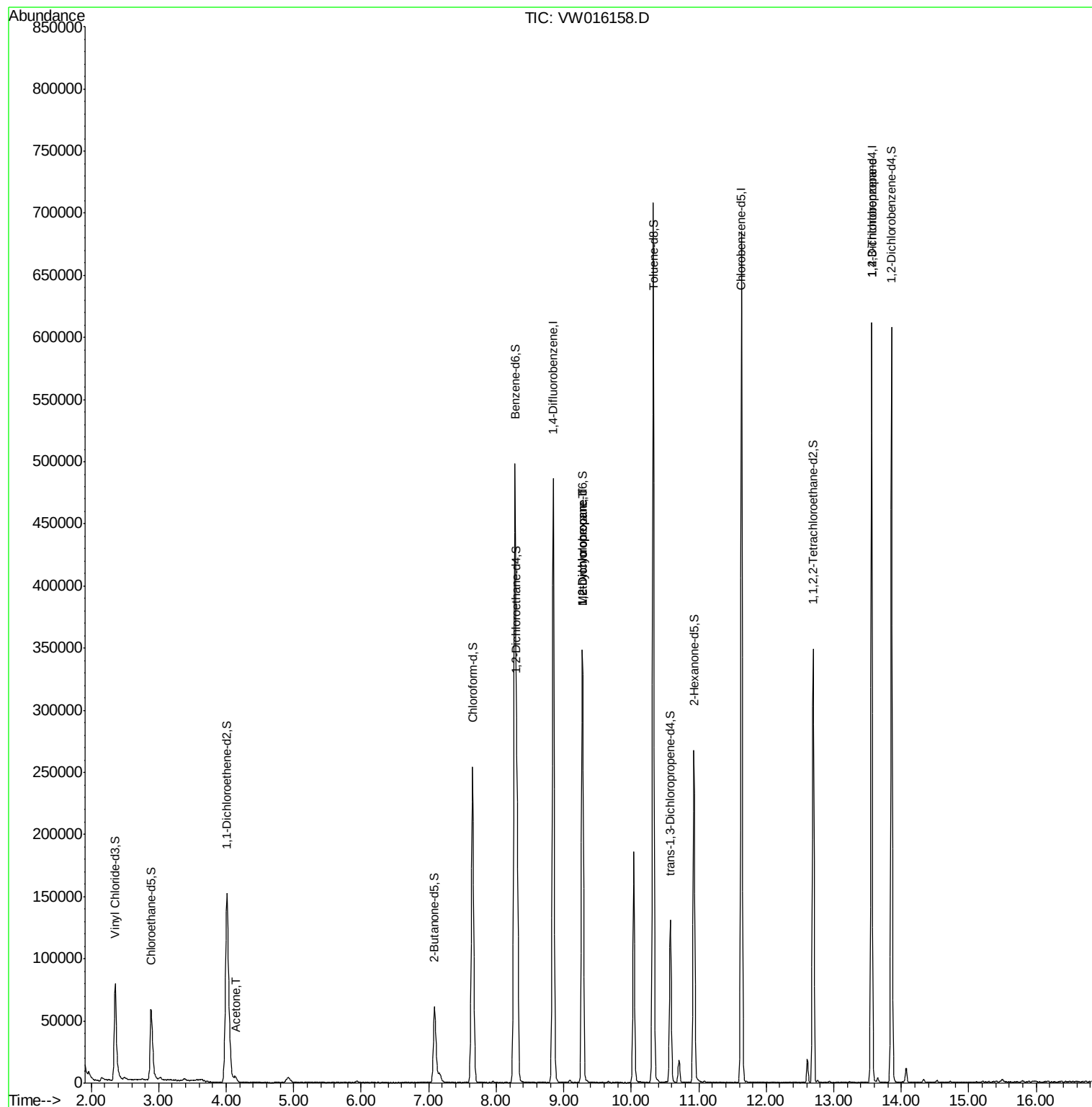
					Ovalue
13) Acetone	4.14	43	6623	6.489 ug/L	75
36) Methylcyclohexane	9.27	83	41569	4.166 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	17504	3.165 ug/L #	87
59) 1,2,3-Trichloropropane	13.56	75	18684	4.855 ug/L	90

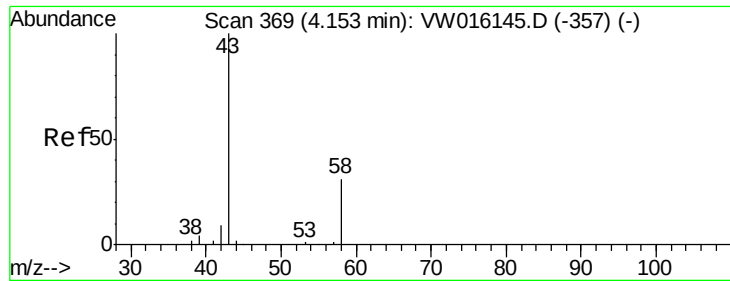
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 13 01:23:48 2020
Response via : Initial Calibration





#13

Acetone

Concen: 6.489 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016158.D

Acq: 12 Aug 2020 14:13

Instrument :

MSVOA_W

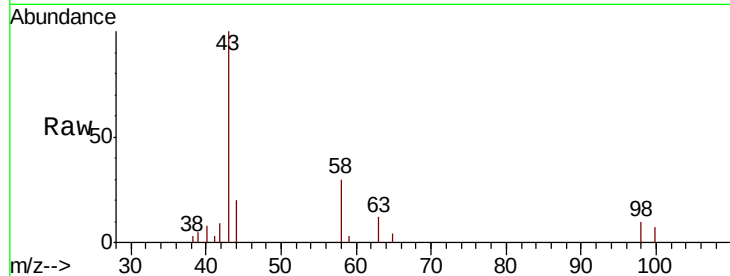
ClientSampled :

Tot Ion: 43 Resp: 6623

Ion Ratio Lower Upper

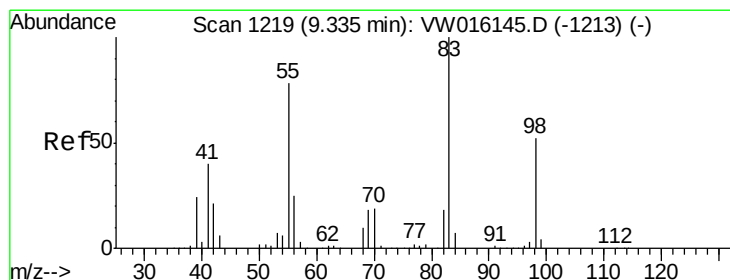
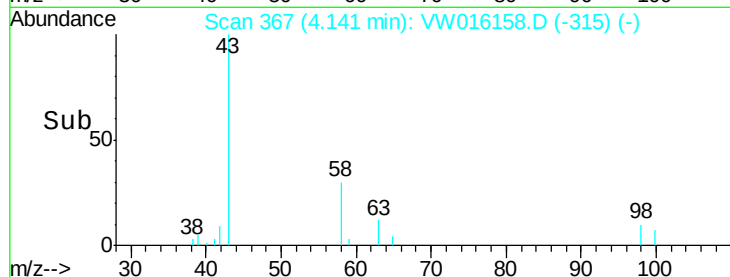
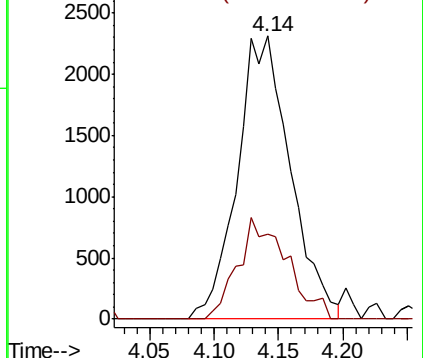
43 100

58 16.0 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#36

Methylcyclohexane

Concen: 4.166 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW016158.D

Acq: 12 Aug 2020 14:13

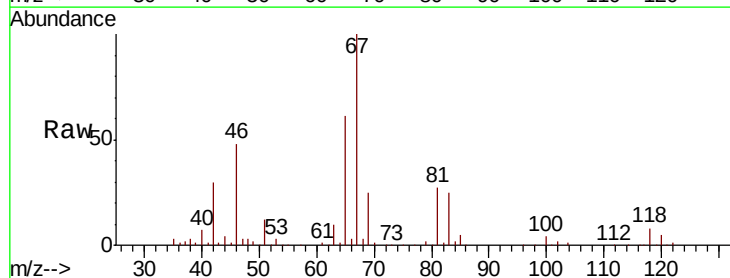
Tgt Ion: 83 Resp: 41569

Ion Ratio Lower Upper

83 100

55 0.3 60.7 91.1#

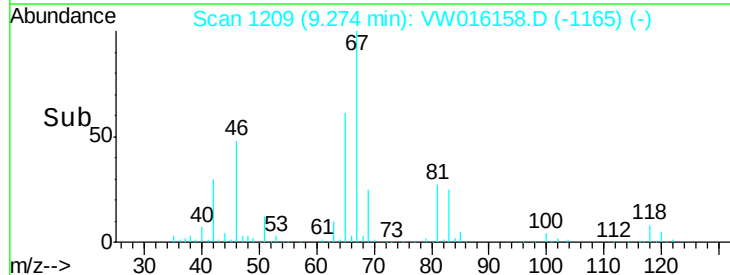
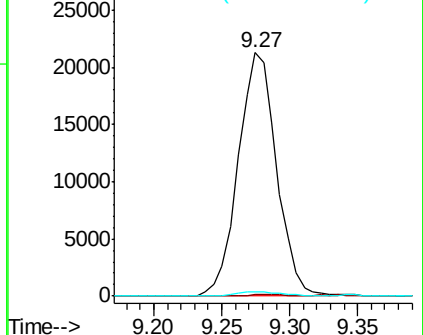
98 1.9 39.4 59.0#

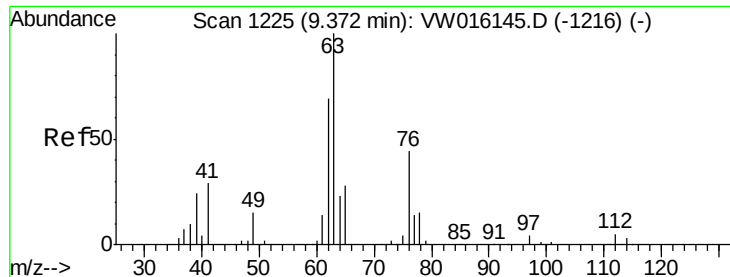


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

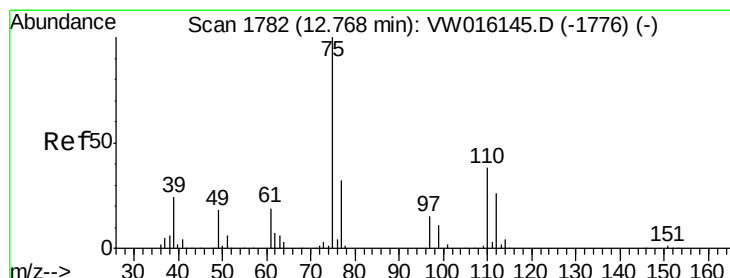
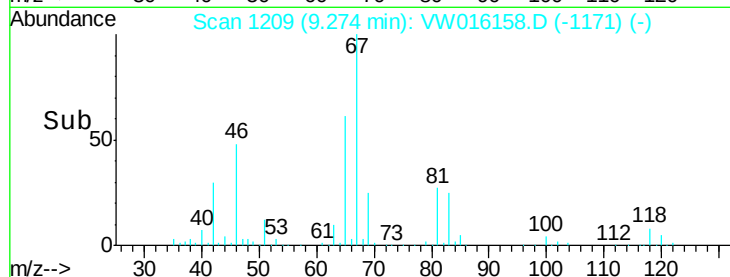
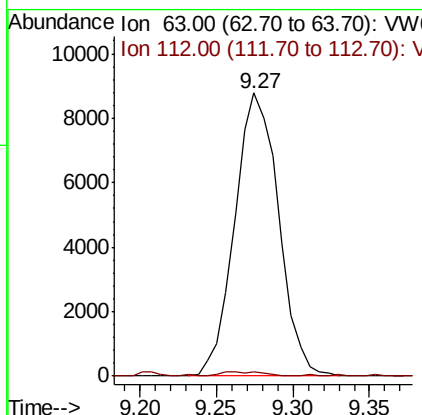
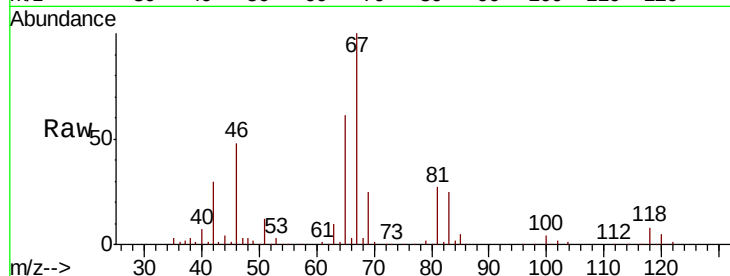




#40
 1,2-Dichloropropane
 Concen: 3.165 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016158.D
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Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 63 Resp: 17504
 Ion Ratio Lower Upper
 63 100
 112 0.8 4.0 6.0#



#59
 1,2,3-Trichloropropane
 Concen: 4.855 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016158.D
 Acq: 12 Aug 2020 14:13

Tgt Ion: 75 Resp: 18684
 Ion Ratio Lower Upper
 75 100
 77 37.8 25.9 38.9

