

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009795.D
 Acq On : 07 Apr 2019 03:03
 Operator : SY/VA
 Sample : K2217-17
 Misc : 3.20G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF607

Quant Time: Apr 07 05:40:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 05:36:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	439894	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	412912	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	166321	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	147069	25.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.20%
7) Chloroethane-d5	2.89	69	144452	27.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.56%
10) 1,1-Dichloroethene-d2	4.01	63	265389	21.44	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.76%
20) 2-Butanone-d5	7.07	46	117495	62.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.74%
24) Chloroform-d	7.64	84	364564	30.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.48%
26) 1,2-Dichloroethane-d4	8.31	65	235373	31.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	127.76%
29) Benzene-d6	8.27	84	682933	31.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.04%
33) 1,2-Dichloropropane-d6	9.27	67	215106	32.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.52%#
37) Toluene-d8	10.32	98	613286	30.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	122.40%
38) trans-1,3-Dichloropropene-	10.58	79	83838	26.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.04%
39) 2-Hexanone-d5	10.93	63	82500	65.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	188668	30.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.24%#
61) 1,2-Dichlorobenzene-d4	13.85	152	194426	33.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	133.24%#

Target Compounds

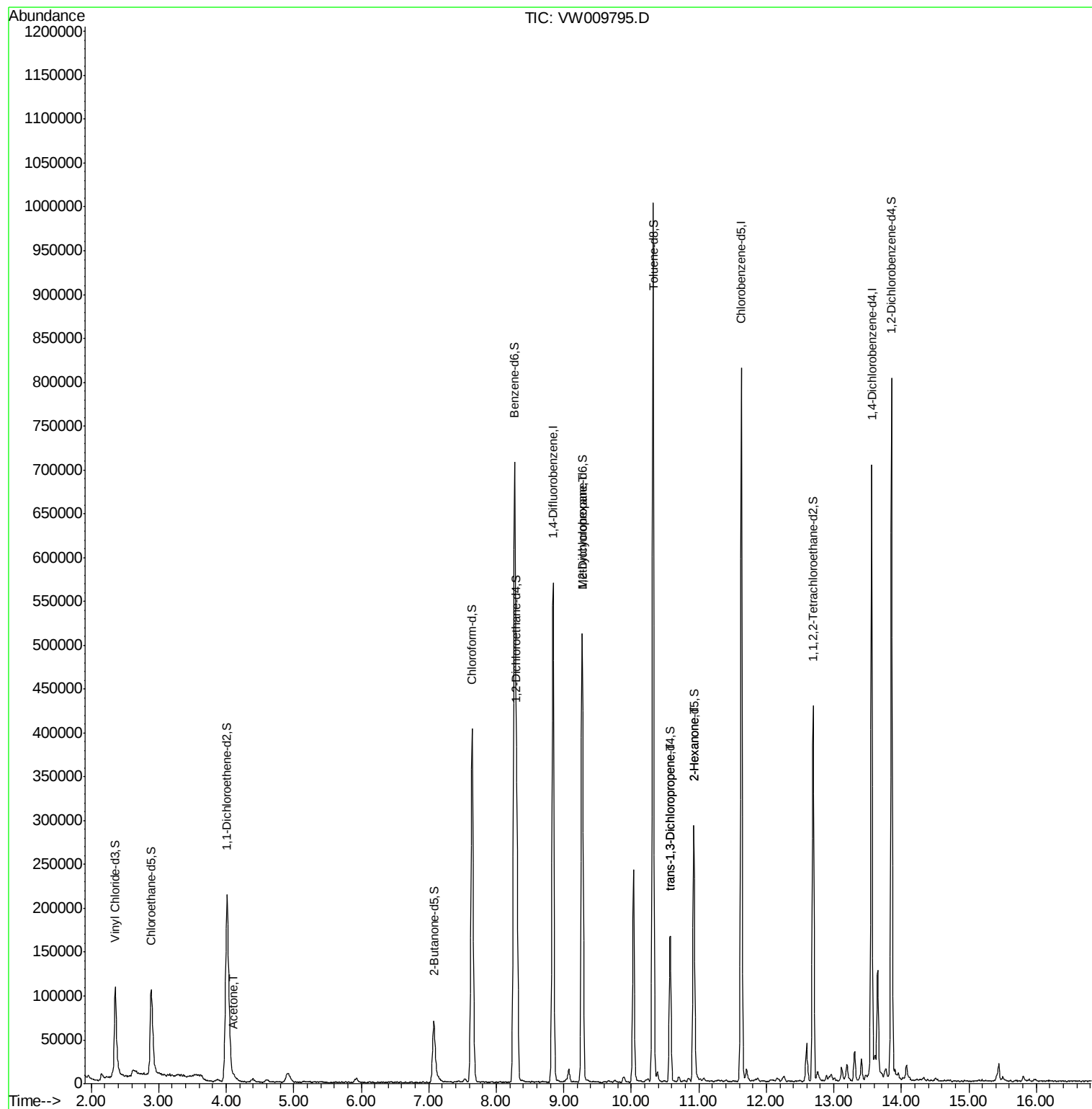
					Qvalue
13) Acetone	4.11	43	4387	2.191 ug/L	64
36) Methylcyclohexane	9.27	83	54453	5.094 ug/L #	17
45) trans-1,3-Dichloropropene	10.57	75	4604	0.542 ug/L	93
49) 2-Hexanone	10.93	43	16347	4.444 ug/L #	75

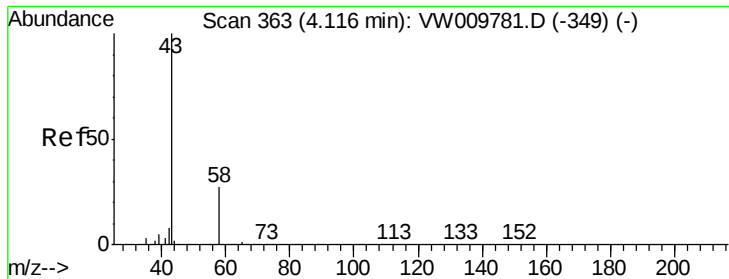
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.191 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW009795.D

Acq: 07 Apr 2019 03:03

Instrument :

MSVOA_W

ClientSampled :

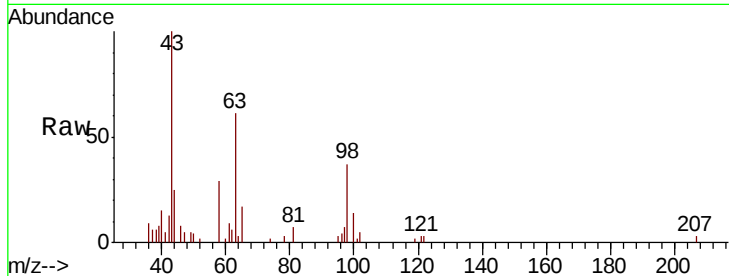
BF607

Tgt Ion: 43 Resp: 4387

Ion Ratio Lower Upper

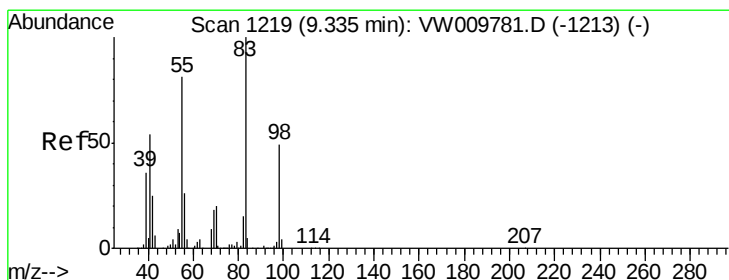
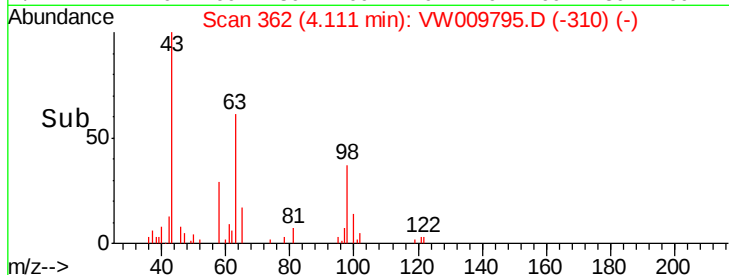
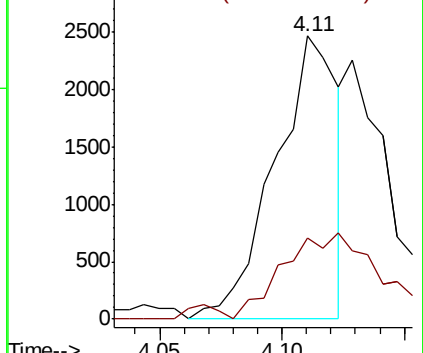
43 100

58 45.0 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#36

Methylcyclohexane

Concen: 5.094 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.05 min

Lab File: VW009795.D

Acq: 07 Apr 2019 03:03

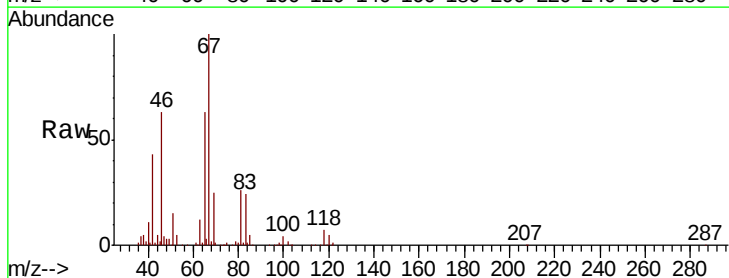
Tgt Ion: 83 Resp: 54453

Ion Ratio Lower Upper

83 100

55 1.1 66.3 99.5#

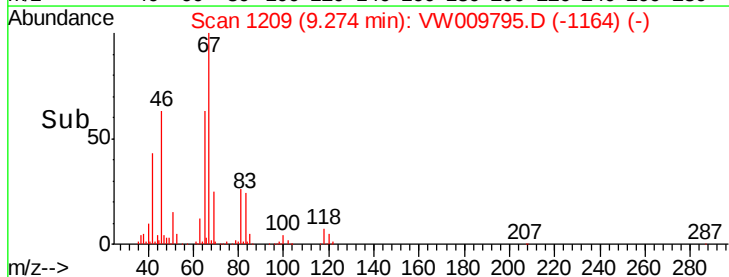
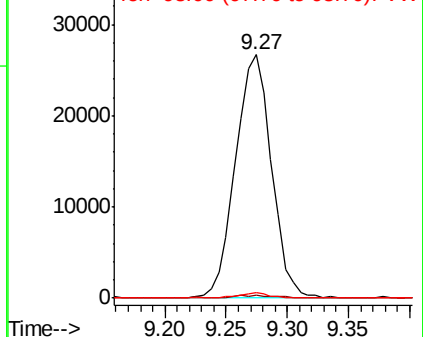
98 2.1 39.4 59.0#

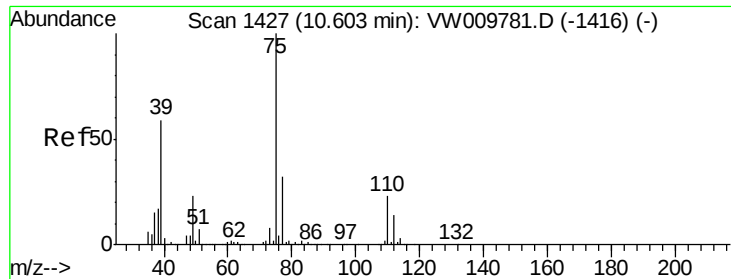


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

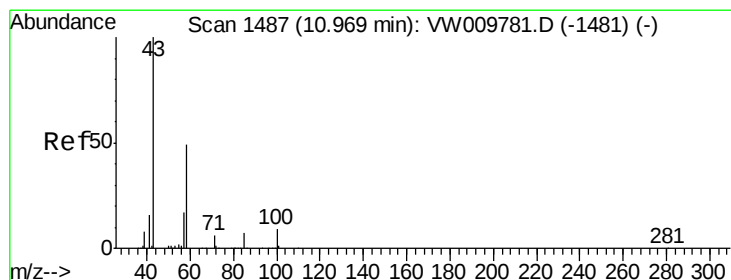
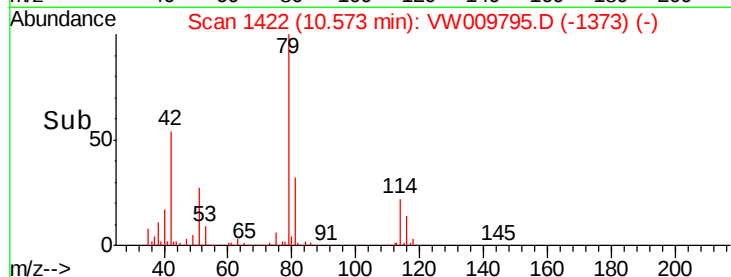
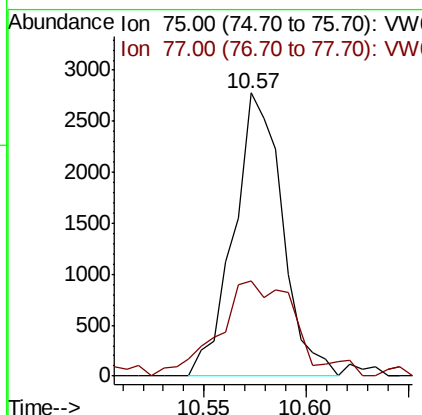
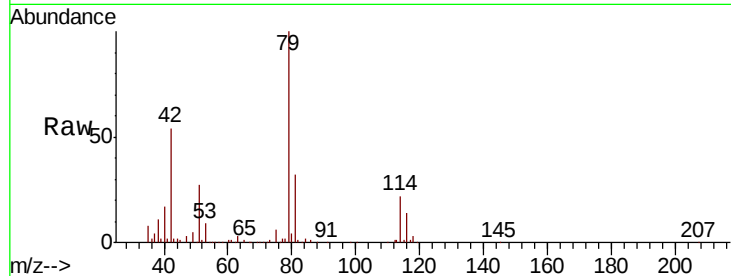




#45
trans-1,3-Dichloropropene
Concen: 0.542 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
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Tgt Ion: 75 Resp: 4604
Ion Ratio Lower Upper
75 100
77 33.7 21.1 39.3



#49
2-Hexanone
Concen: 4.444 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW009795.D
Acq: 07 Apr 2019 03:03

Tgt Ion: 43 Resp: 16347
Ion Ratio Lower Upper
43 100
58 28.5 38.9 58.3#
57 24.7 13.8 20.6#
100 4.2 8.6 13.0#

