

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009787.D
 Acq On : 06 Apr 2019 23:25
 Operator : SY/VA
 Sample : K2217-06
 Misc : 4.04G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF617

Quant Time: Apr 07 05:39:51 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	450316	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	438372	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185849	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	160289	27.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.80%
7) Chloroethane-d5	2.89	69	151045	27.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.92%
10) 1,1-Dichloroethene-d2	4.01	63	272074	21.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.88%
20) 2-Butanone-d5	7.07	46	114390	59.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.58%
24) Chloroform-d	7.65	84	379573	30.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	123.56%
26) 1,2-Dichloroethane-d4	8.30	65	242162	32.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.40%
29) Benzene-d6	8.27	84	719848	31.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.12%
33) 1,2-Dichloropropane-d6	9.27	67	222898	31.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.44%#
37) Toluene-d8	10.32	98	644696	30.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.20%
38) trans-1,3-Dichloropropene-	10.58	79	91323	26.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.76%
39) 2-Hexanone-d5	10.93	63	71713	53.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	191418	28.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	217177	33.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	133.20%#

Target Compounds

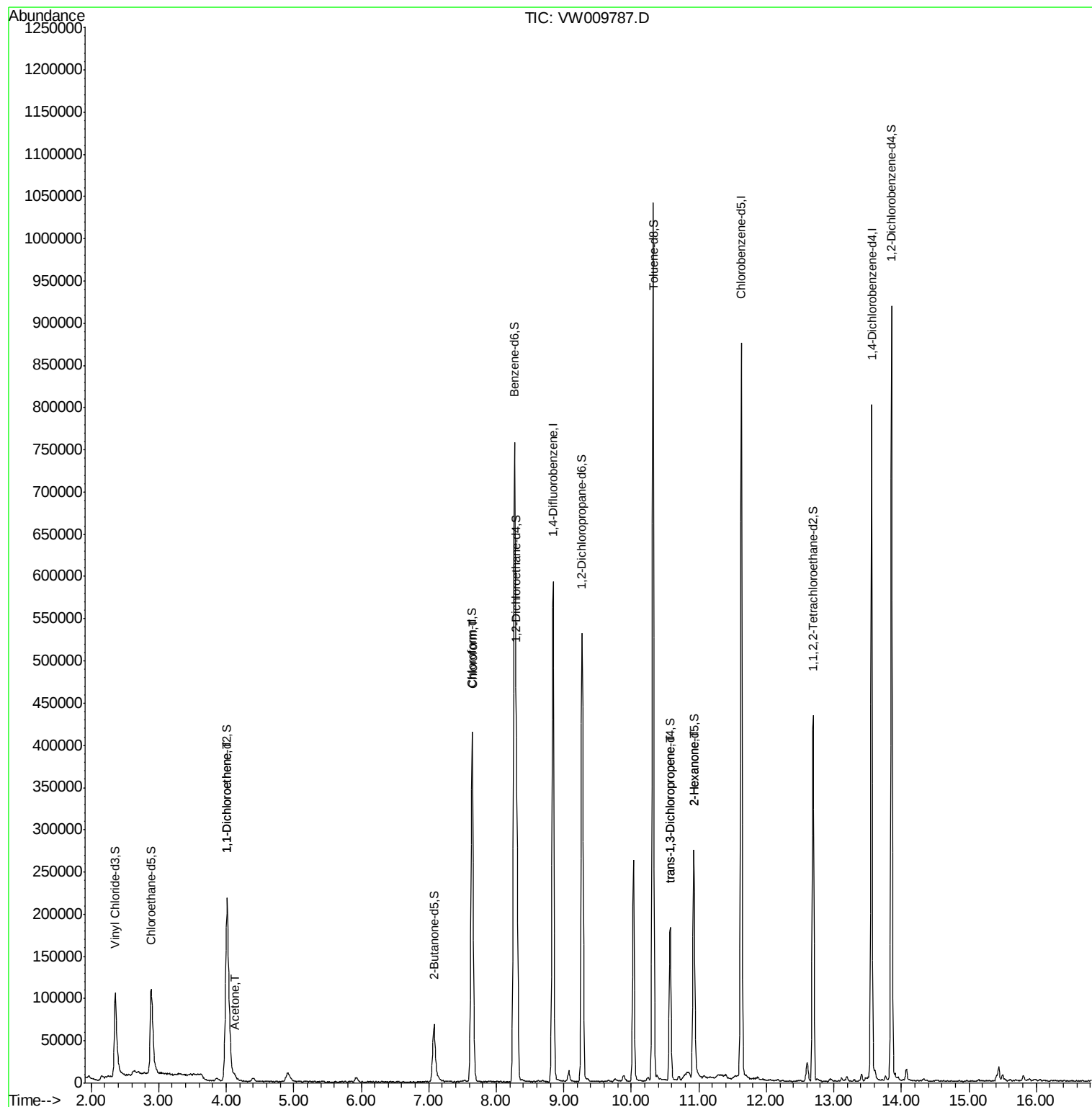
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.01	96	2293	0.383	ug/L #	1
13) Acetone	4.12	43	4882	2.381	ug/L	80
25) Chloroform	7.65	83	4468	0.357	ug/L	95
45) trans-1,3-Dichloropropene	10.57	75	4866	0.540	ug/L	91
49) 2-Hexanone	10.93	43	15620	4.000	ug/L #	78

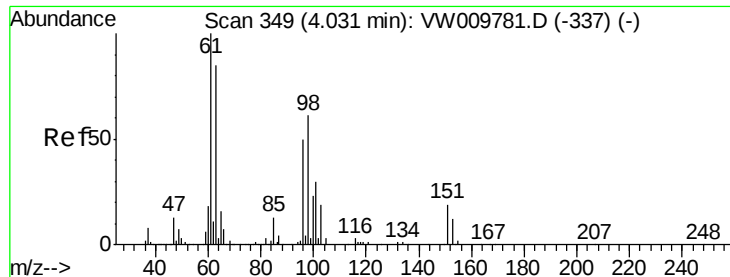
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.383 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.02 min

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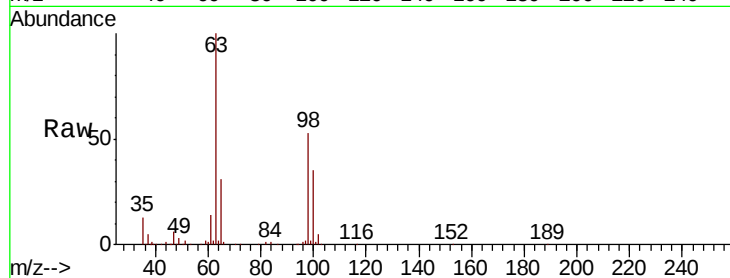
Tgt Ion: 96 Resp: 2293

Ion Ratio Lower Upper

96 100

61 1741.0 138.8 257.8#

63 12092.4 114.6 212.8#

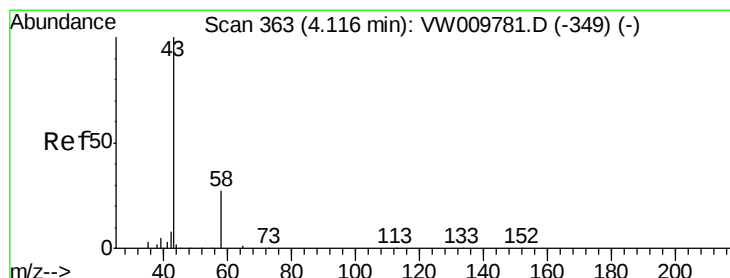
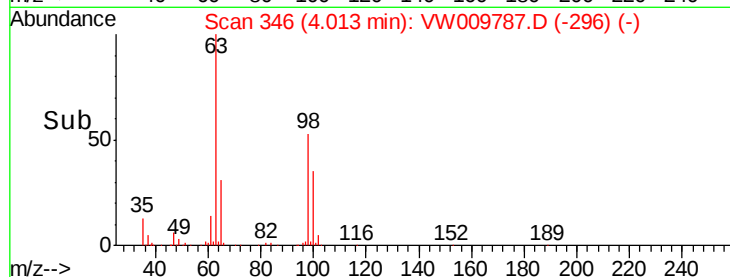
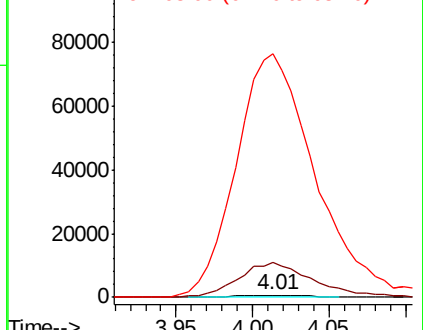


Abundance

Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 2.381 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009787.D

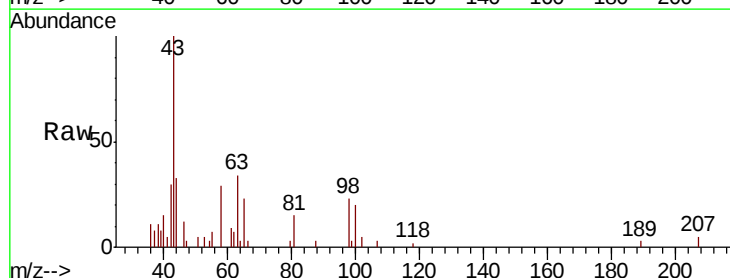
Acq: 06 Apr 2019 23:25

Tgt Ion: 43 Resp: 4882

Ion Ratio Lower Upper

43 100

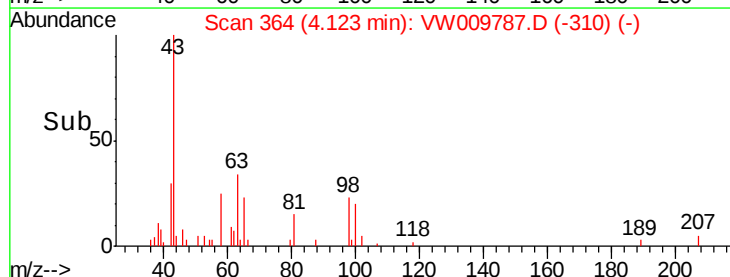
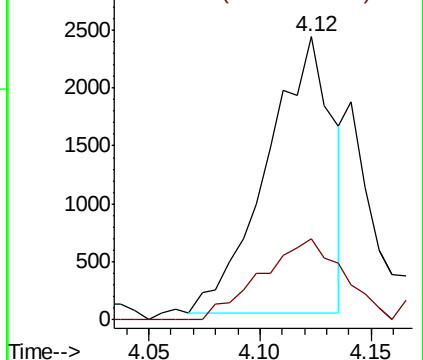
58 36.6 0.0 53.0

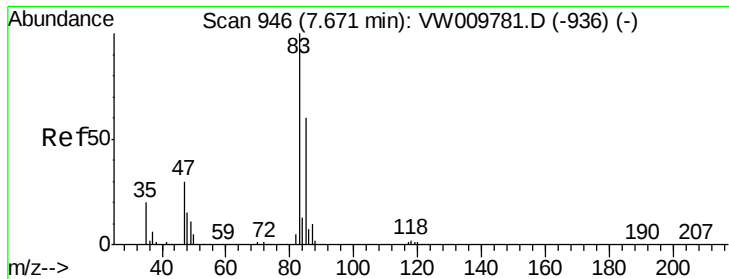


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

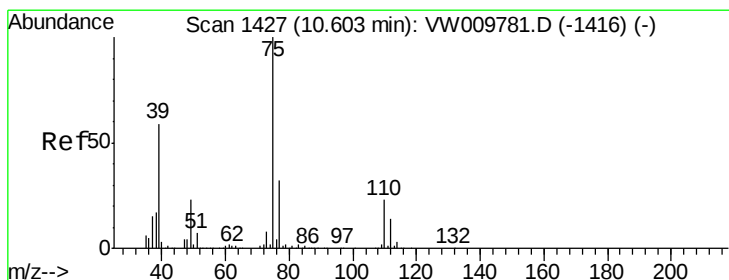
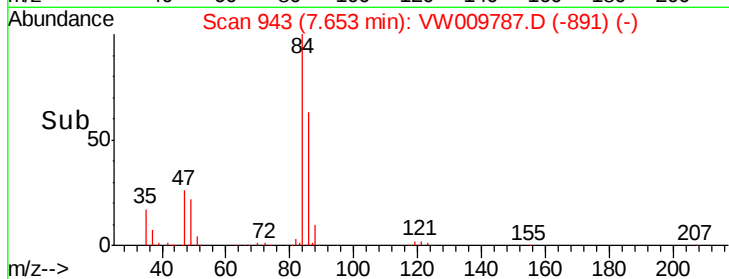
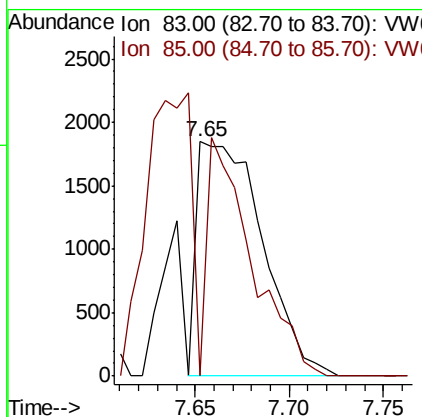
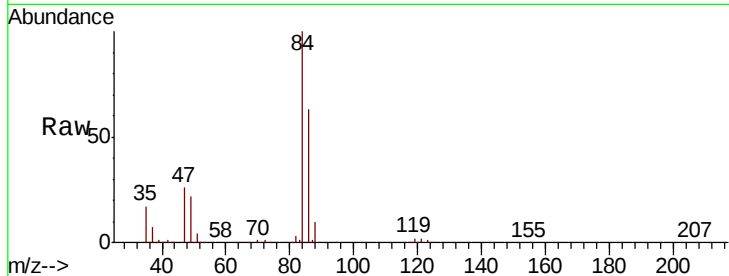




#25
Chloroform
Concen: 0.357 ug/L
RT: 7.65 min Scan# 943
Delta R.T. -0.01 min
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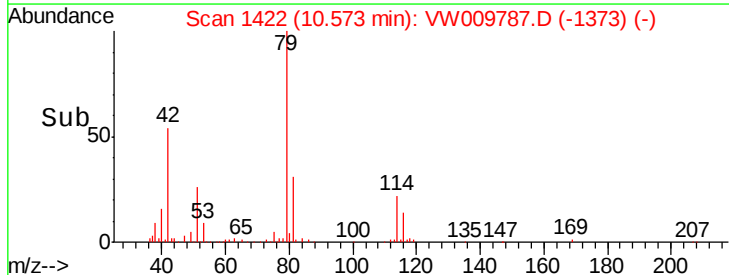
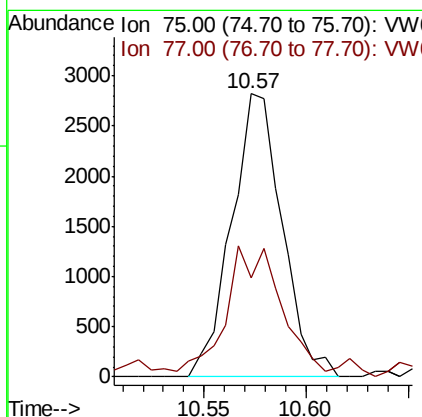
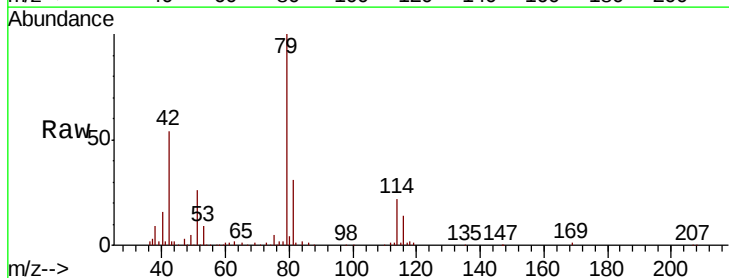
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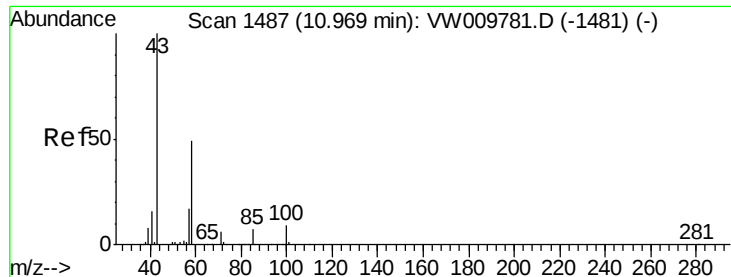
Tgt Ion: 83 Resp: 4468
Ion Ratio Lower Upper
83 100
85 69.0 45.6 84.8



#45
trans-1,3-Dichloropropene
Concen: 0.540 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
Lab File: VW009787.D
Acq: 06 Apr 2019 23:25

Tgt Ion: 75 Resp: 4866
Ion Ratio Lower Upper
75 100
77 35.1 21.1 39.3





#49

2-Hexanone

Concen: 4.000 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009787.D

Acq: 06 Apr 2019 23:25

Instrument :

MSVOA_W

ClientSampleId :

BF617

Tgt Ion: 43 Resp: 15620

Ion Ratio Lower Upper

43 100

58 32.4 38.9 58.3#

57 25.4 13.8 20.6#

100 3.0 8.6 13.0#

