

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009746.D
 Acq On : 06 Apr 2019 00:14
 Operator : SY/VA
 Sample : VW0405SBL03
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK24

Quant Time: Apr 06 05:39:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 05:36:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	449630	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	447317	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	197327	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	120788	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.12%
7) Chloroethane-d5	2.89	69	121881	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.44%
10) 1,1-Dichloroethene-d2	4.14	63	748	0.06	ug/L	0.12
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.24%#
20) 2-Butanone-d5	7.07	46	101122	52.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.86%
24) Chloroform-d	7.64	84	314251	25.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.44%
26) 1,2-Dichloroethane-d4	8.44	65	150	0.02	ug/L	0.13
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	576454	24.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.20%
33) 1,2-Dichloropropane-d6	9.27	67	182985	25.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.92%
37) Toluene-d8	10.32	98	519473	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.72%
38) trans-1,3-Dichloropropene-	10.58	79	79616	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.08%
39) 2-Hexanone-d5	10.93	63	71341	52.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	162316	24.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	188701	27.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.00%

Target Compounds

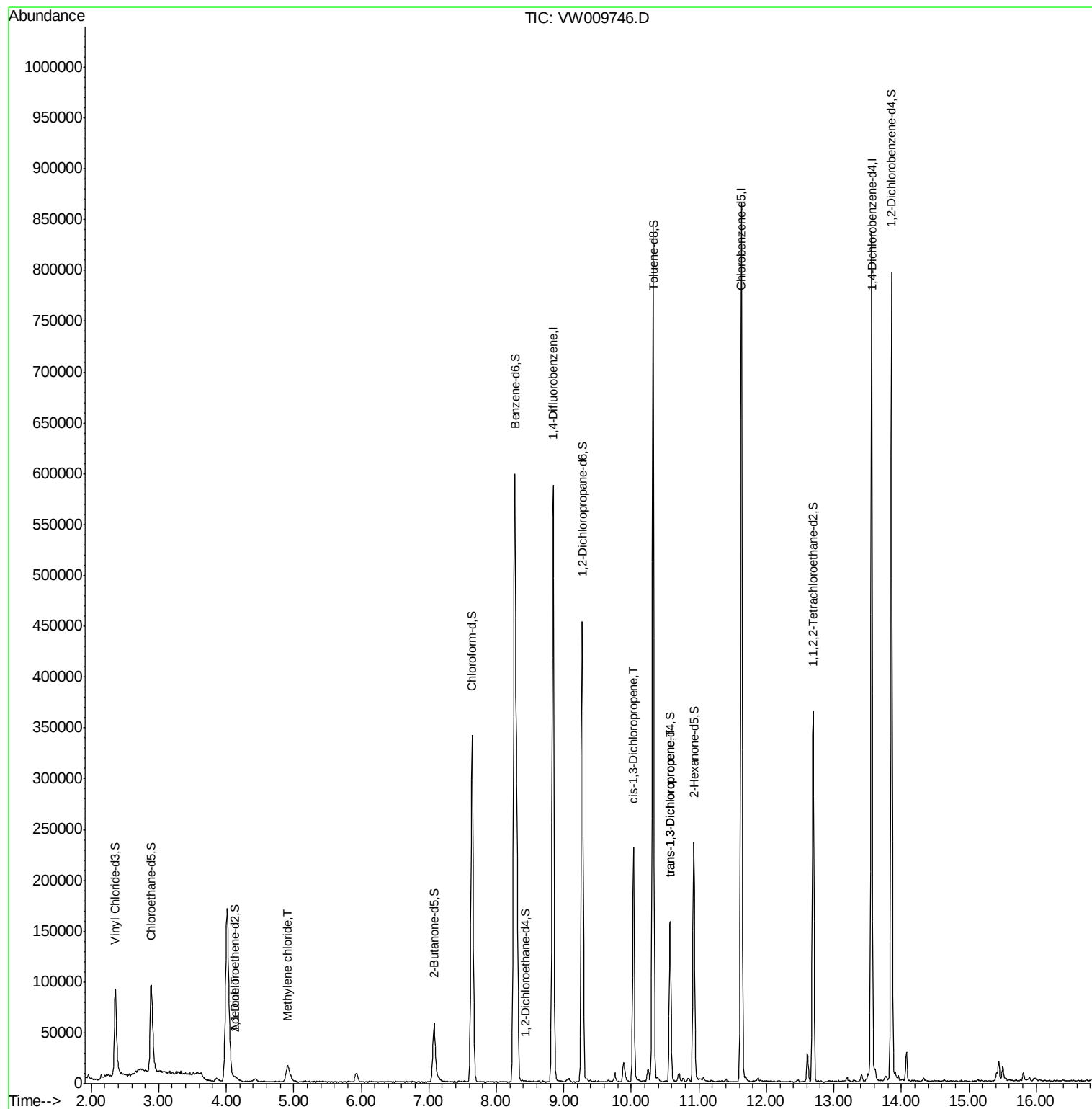
					Qvalue
13) Acetone	4.13	43	3519	1.719 ug/L	81
16) Methylene chloride	4.92	84	13324	1.680 ug/L	93
42) cis-1,3-Dichloropropene	10.04	75	6728	0.630 ug/L	90
45) trans-1,3-Dichloropropene	10.58	75	4504	0.489 ug/L	95

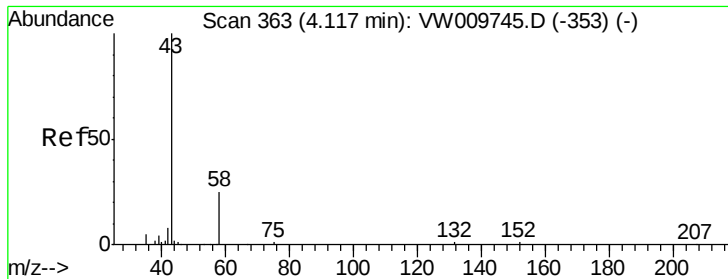
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.719 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009746.D

Acq: 06 Apr 2019 00:14

Instrument :

MSVOA_W

ClientSampled :

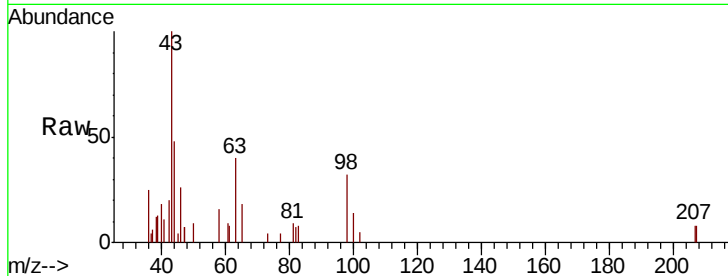
VBLK24

Tgt Ion: 43 Resp: 3519

Ion Ratio Lower Upper

43 100

58 16.8 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

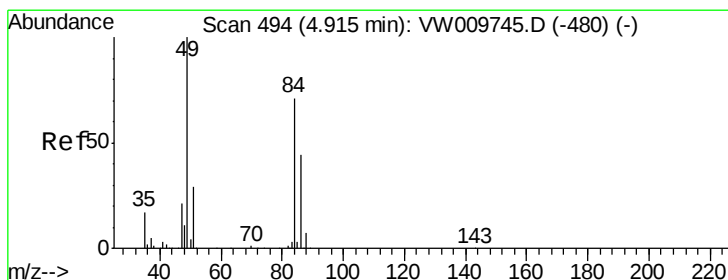
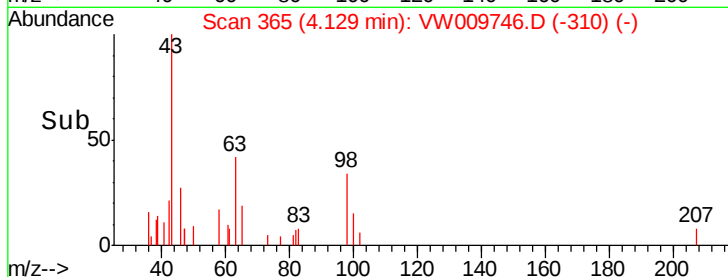
1500

1000

500

0

Time--> 4.05 4.10 4.15



#16

Methylene chloride

Concen: 1.680 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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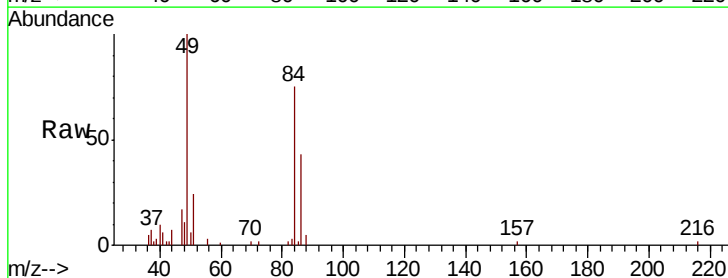
Tgt Ion: 84 Resp: 13324

Ion Ratio Lower Upper

84 100

49 134.1 98.3 182.5

86 57.2 46.4 86.2



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

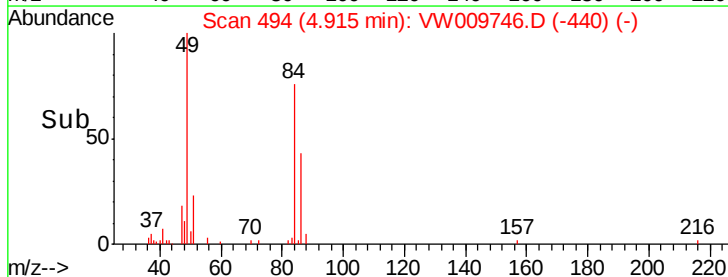
6000

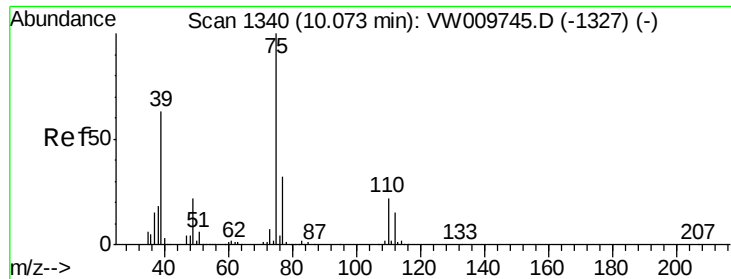
4000

2000

0

Time--> 4.80 4.90 5.00

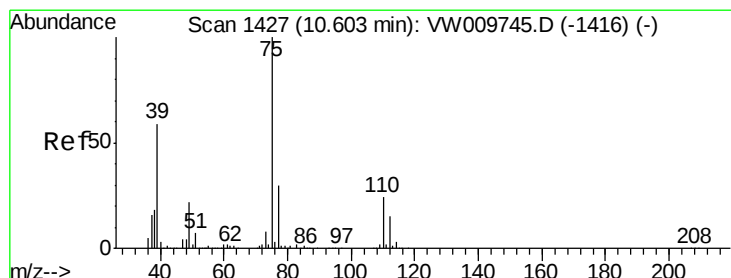
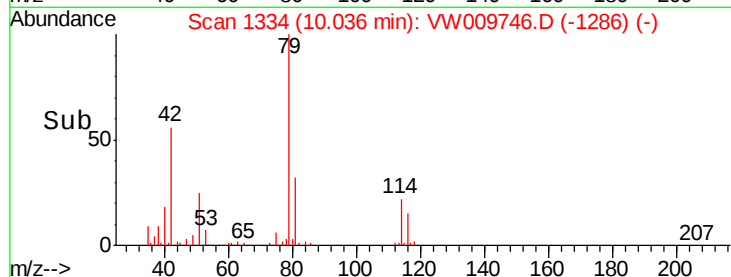
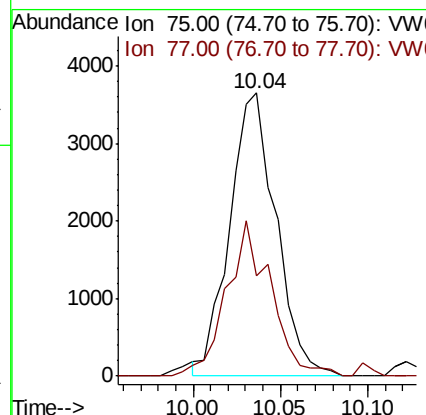
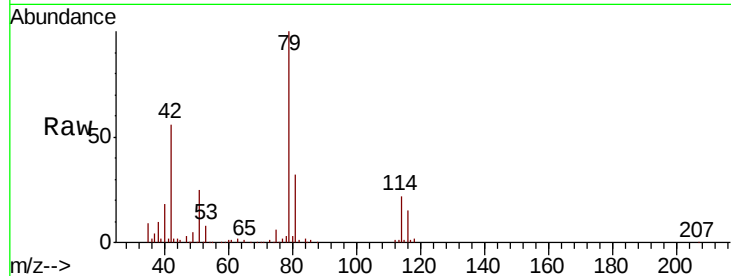




#42
 cis-1,3-Dichloropropene
 Concen: 0.630 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
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Tgt Ion: 75 Resp: 6728
 Ion Ratio Lower Upper
 75 100
 77 35.3 21.0 39.0



#45
 trans-1,3-Dichloropropene
 Concen: 0.489 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: VW009746.D
 Acq: 06 Apr 2019 00:14

Tgt Ion: 75 Resp: 4504
 Ion Ratio Lower Upper
 75 100
 77 27.7 21.1 39.3

