

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
 Data File : VW009341.D
 Acq On : 22 Mar 2019 11:46
 Operator : SY/VA
 Sample : K1988-17
 Misc : 5.72G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0C9

Quant Time: Mar 23 00:17:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 00:14:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	386208	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	341779	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	138857	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	102117	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.52%
7) Chloroethane-d5	2.89	69	96941	17.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.80%
10) 1,1-Dichloroethene-d2	4.01	63	160799	16.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.48%
20) 2-Butanone-d5	7.08	46	57779	30.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.54%
24) Chloroform-d	7.65	84	224560	21.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.24%
26) 1,2-Dichloroethane-d4	8.30	65	125230	19.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.88%
29) Benzene-d6	8.27	84	412822	21.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.60%
33) 1,2-Dichloropropane-d6	9.27	67	128061	22.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.48%
37) Toluene-d8	10.32	98	360527	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.76%
38) trans-1,3-Dichloropropene-	10.57	79	50756	17.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.40%
39) 2-Hexanone-d5	10.93	63	38914	28.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96726	17.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	114253	21.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.84%

Target Compounds

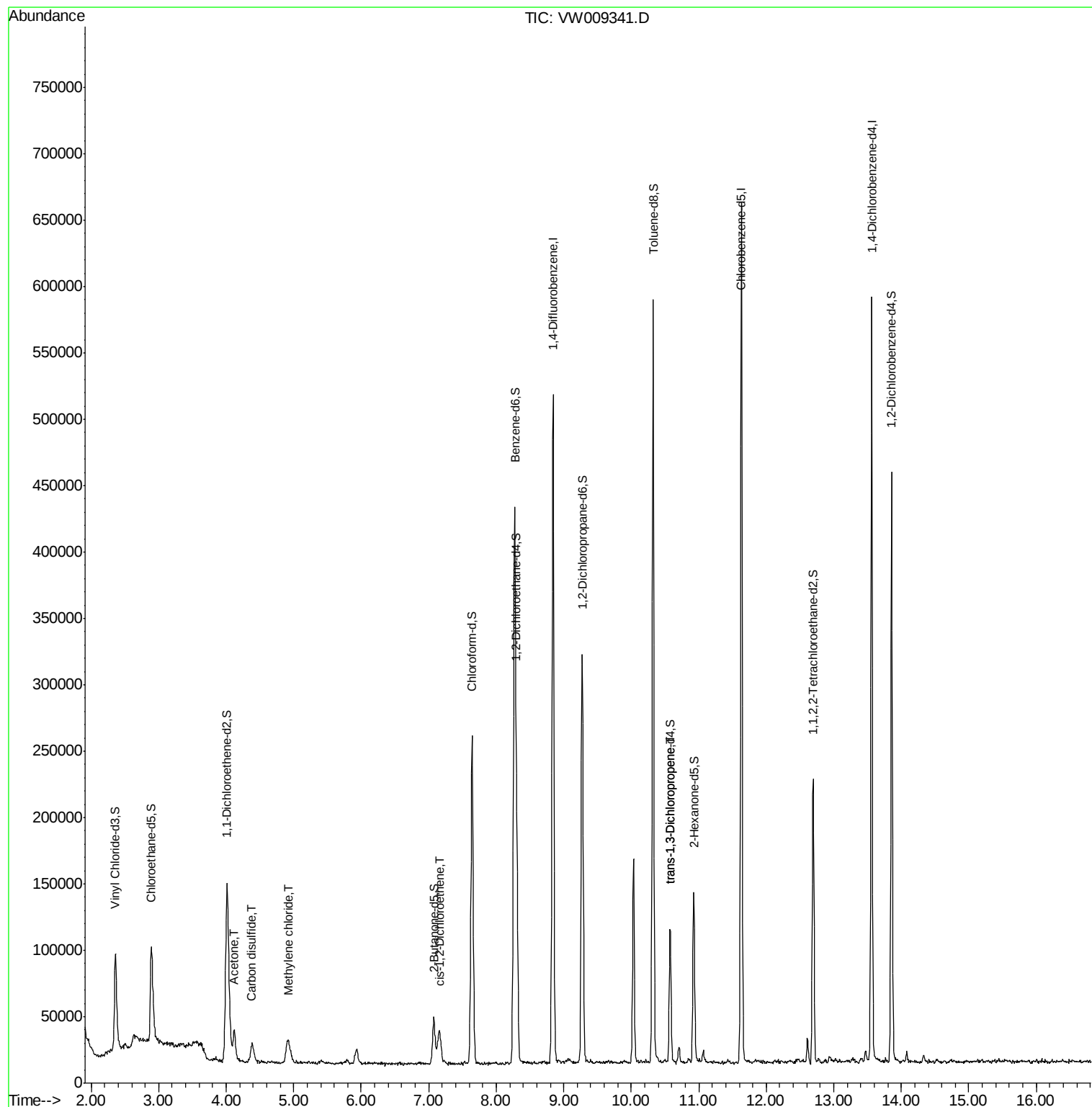
					Qvalue
13) Acetone	4.12	43	36038	23.024	ug/L 99
14) Carbon disulfide	4.37	76	21312	1.665	ug/L 96
16) Methylene chloride	4.92	84	16290	2.892	ug/L 90
22) cis-1,2-Dichloroethene	7.16	96	6289	1.161	ug/L 94
45) trans-1,3-Dichloropropene	10.57	75	2926	0.430	ug/L # 46

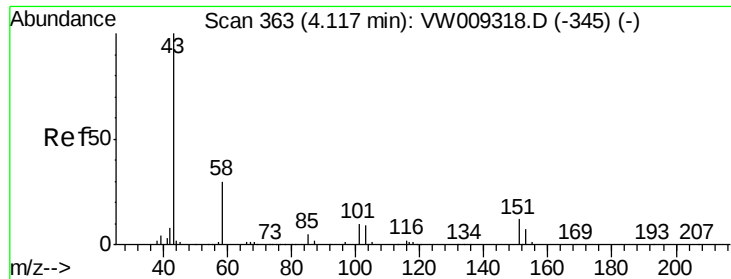
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 23 00:14:14 2019
Response via : Initial Calibration





#13

Acetone

Concen: 23.024 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009341.D

Acq: 22 Mar 2019 11:46

Instrument :

MSVOA_W

ClientSampled :

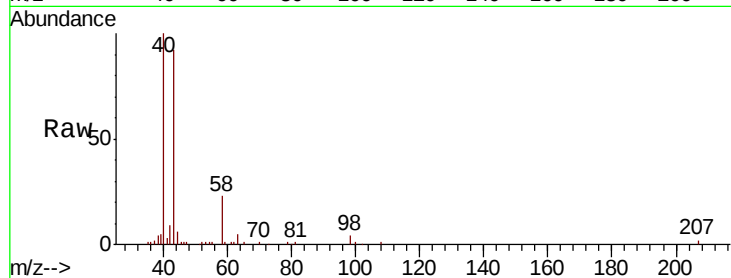
BF0C9

Tgt Ion: 43 Resp: 36038

Ion Ratio Lower Upper

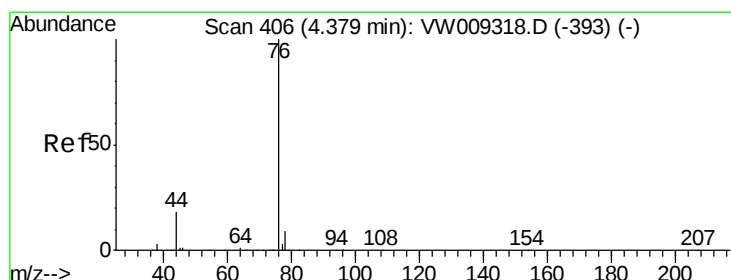
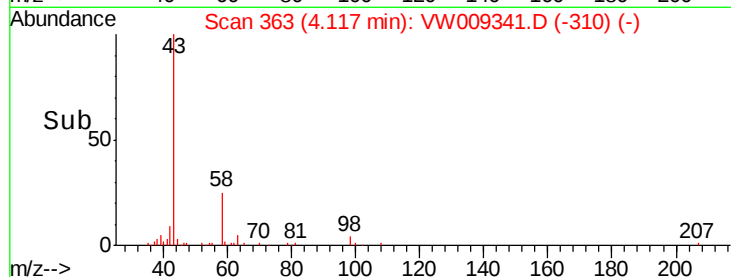
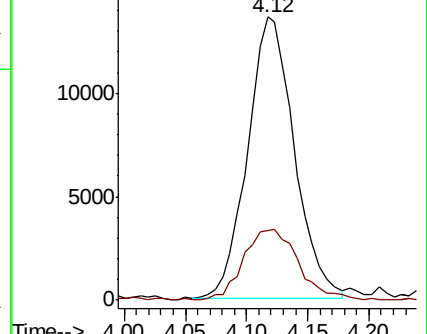
43 100

58 28.7 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 1.665 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW009341.D

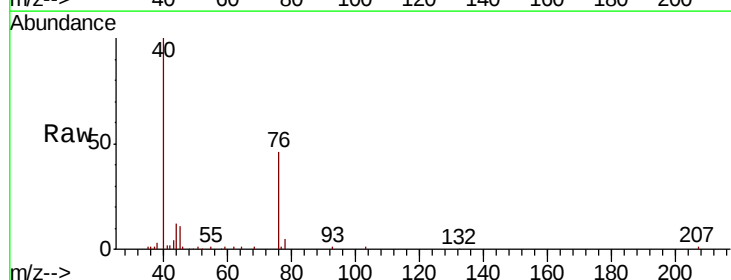
Acq: 22 Mar 2019 11:46

Tgt Ion: 76 Resp: 21312

Ion Ratio Lower Upper

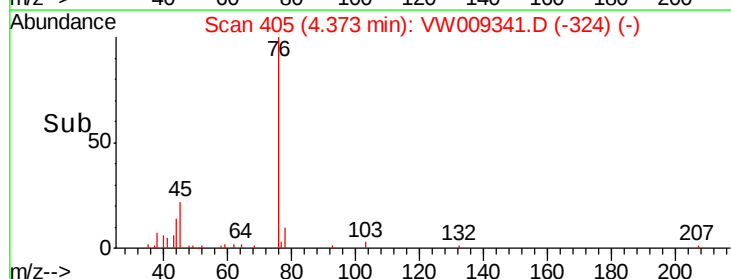
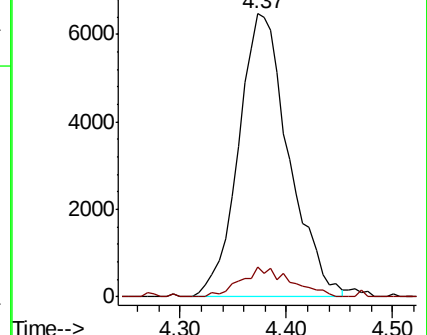
76 100

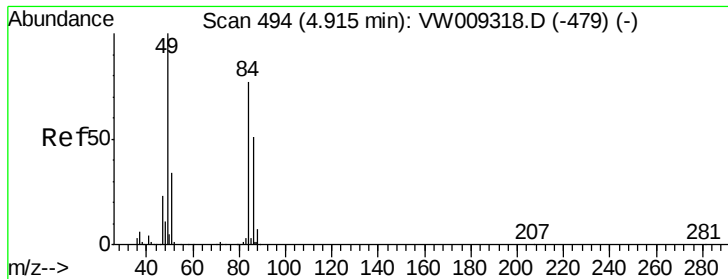
78 10.5 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

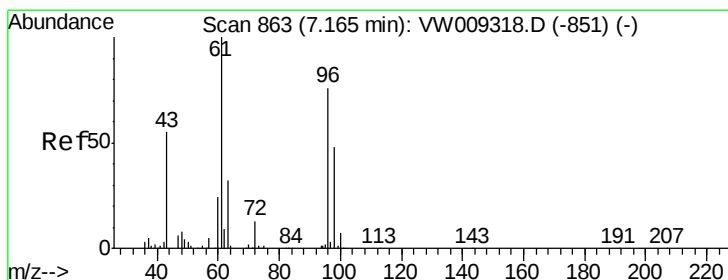
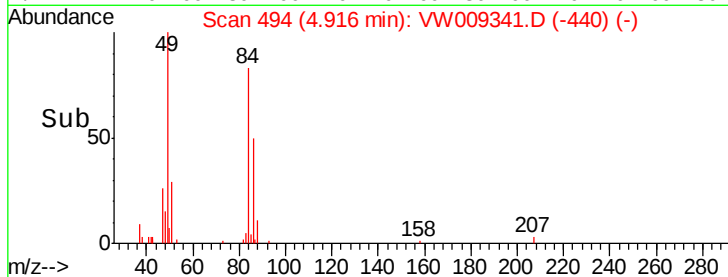
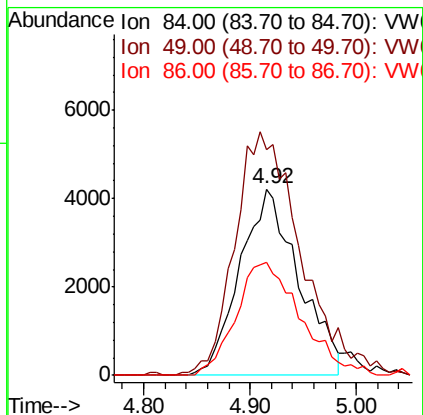
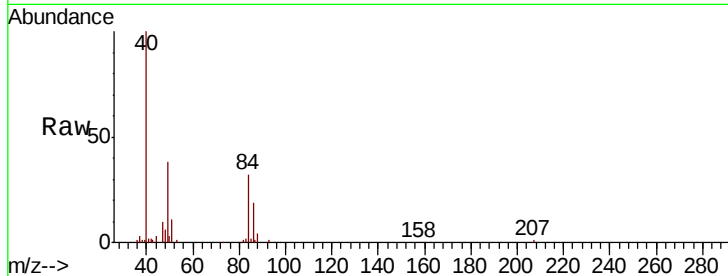




#16
Methylene chloride
Concen: 2.892 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009341.D
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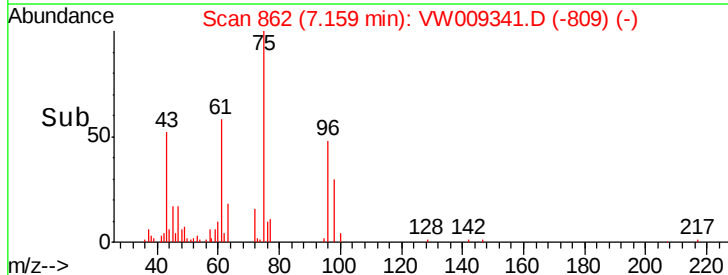
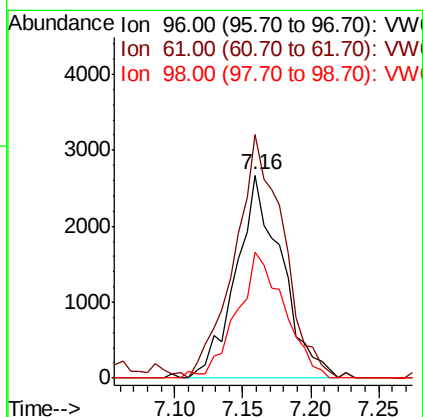
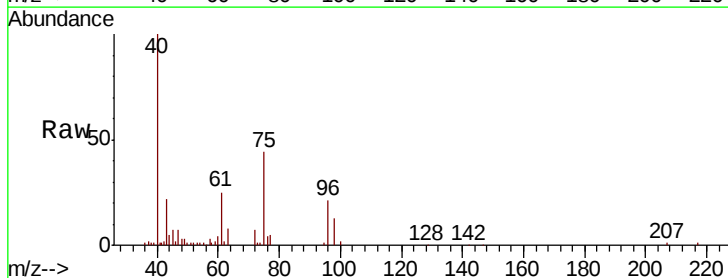
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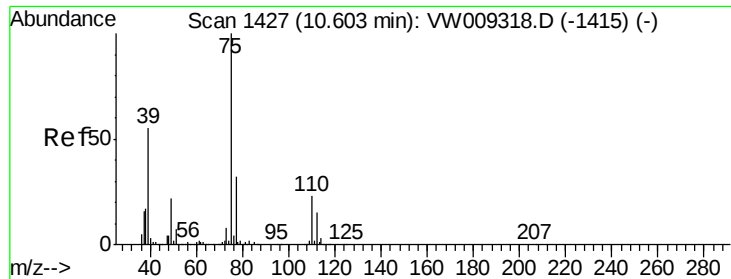
Tgt Ion: 84 Resp: 16290
Ion Ratio Lower Upper
84 100
49 121.2 96.0 178.2
86 61.0 44.4 82.5



#22
cis-1,2-Dichloroethene
Concen: 1.161 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW009341.D
Acq: 22 Mar 2019 11:46

Tgt Ion: 96 Resp: 6289
Ion Ratio Lower Upper
96 100
61 120.2 90.6 168.3
98 62.0 44.0 81.8





#45

trans-1,3-Dichloropropene

Concen: 0.430 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009341.D

Acq: 22 Mar 2019 11:46

Instrument :

MSVOA_W

ClientSampleId :

BF0C9

Tgt Ion: 75 Resp: 2926

Ion Ratio Lower Upper

75 100

77 62.3 22.5 41.7#

