

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
 Data File : VW009353.D
 Acq On : 22 Mar 2019 17:21
 Operator : SY/VA
 Sample : K2017-20
 Misc : 5.27G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0E9

Quant Time: Mar 23 00:18:34 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	316201	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	281676	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	99941	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	82415	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.24%
7) Chloroethane-d5	2.89	69	86003	19.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.80%
10) 1,1-Dichloroethene-d2	4.02	63	126356	15.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.88%
20) 2-Butanone-d5	7.08	46	97691	62.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.04%
24) Chloroform-d	7.65	84	192660	22.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.32%
26) 1,2-Dichloroethane-d4	8.30	65	125548	24.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.60%
29) Benzene-d6	8.27	84	337789	21.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.96%
33) 1,2-Dichloropropane-d6	9.27	67	110641	23.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.84%
37) Toluene-d8	10.32	98	276779	19.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.08%
38) trans-1,3-Dichloropropene-	10.58	79	46487	19.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.36%
39) 2-Hexanone-d5	10.93	63	66198	58.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120549	26.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	82540	21.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.16%

Target Compounds

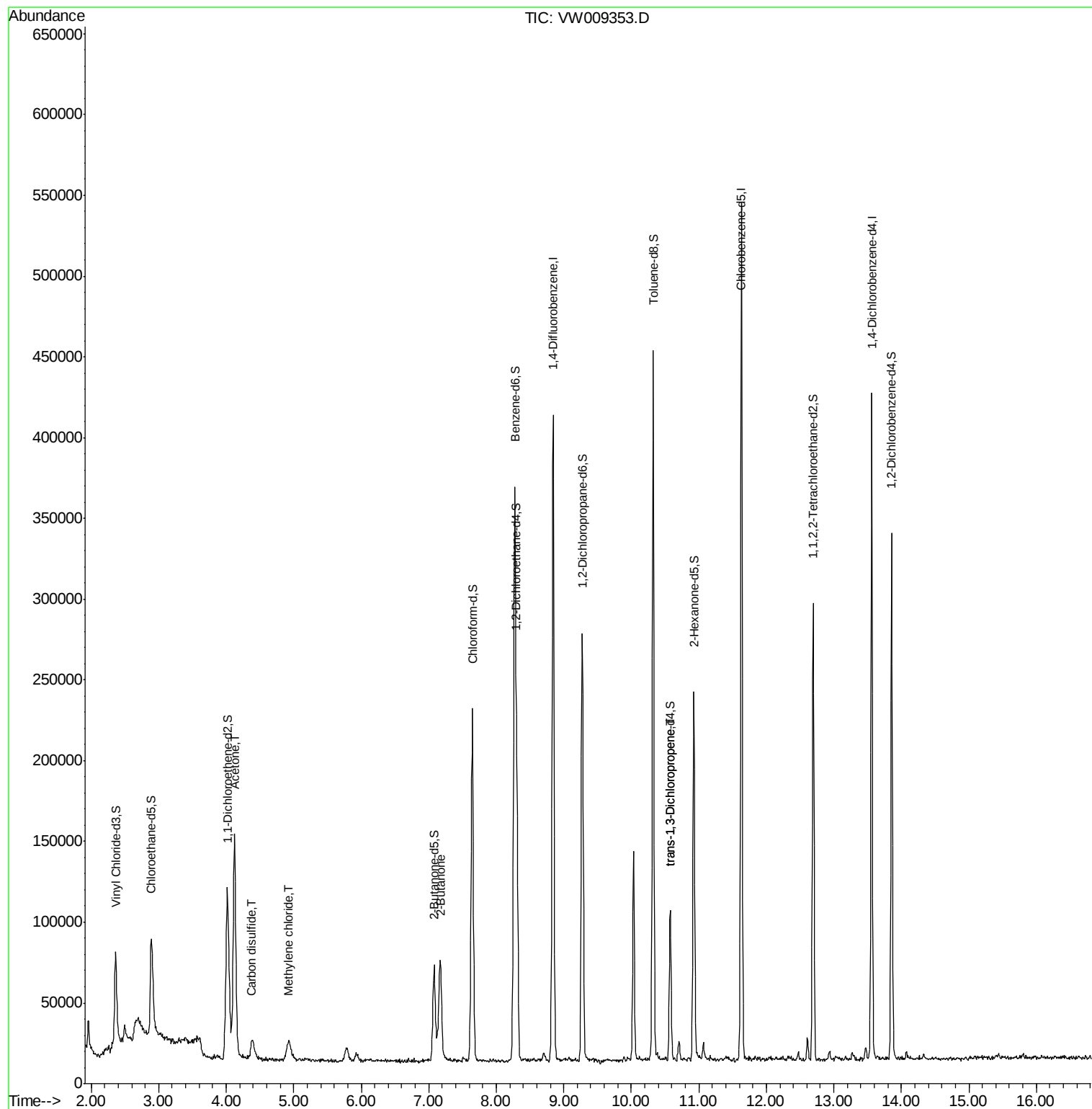
					Qvalue
13) Acetone	4.12	43	244395	190.713 ug/L	100
14) Carbon disulfide	4.37	76	10589	1.010 ug/L #	92
16) Methylene chloride	4.92	84	9150	1.984 ug/L #	70
21) 2-Butanone	7.17	43	87736	49.585 ug/L	77
45) trans-1,3-Dichloropropene	10.58	75	2610	0.466 ug/L #	77

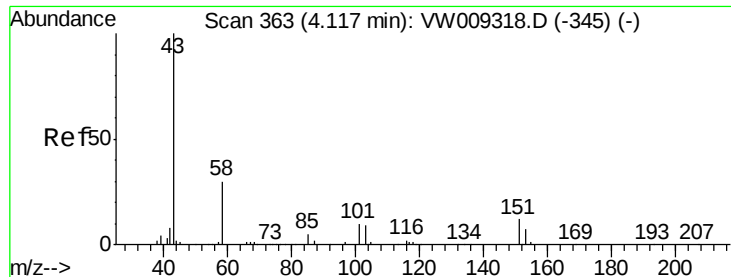
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 190.713 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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Acq: 22 Mar 2019 17:21

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ClientSampleId :

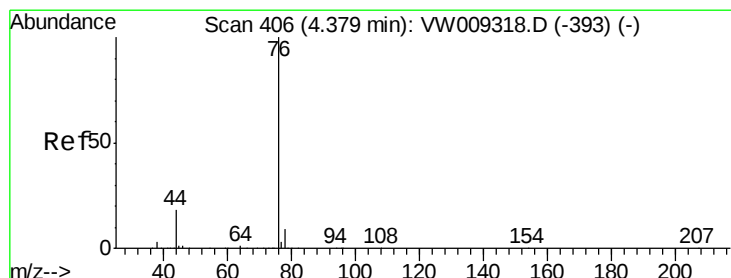
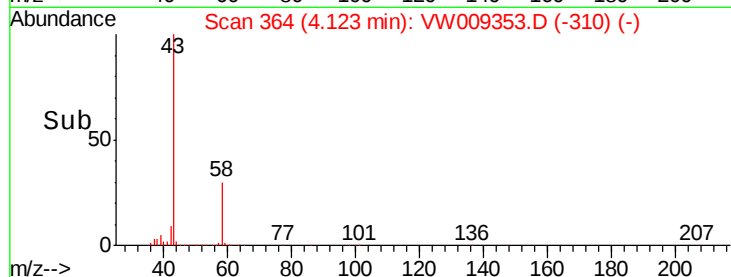
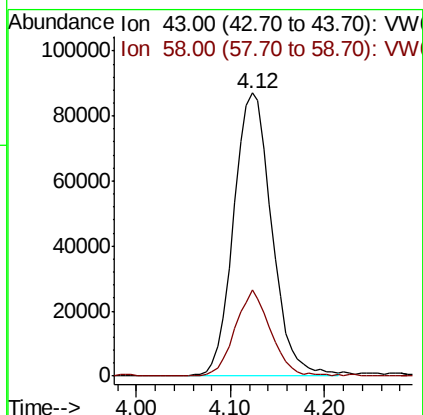
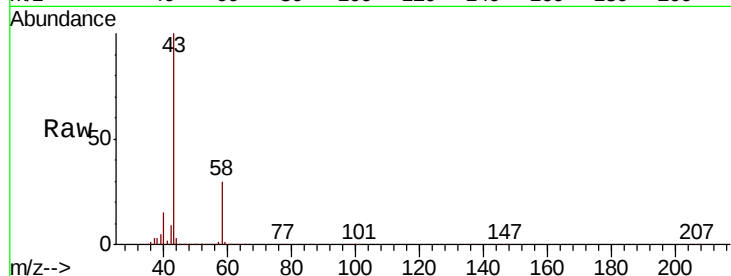
BFOE9

Tgt Ion: 43 Resp: 244395

Ion Ratio Lower Upper

43 100

58 28.1 0.0 56.2



#14

Carbon disulfide

Concen: 1.010 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW009353.D

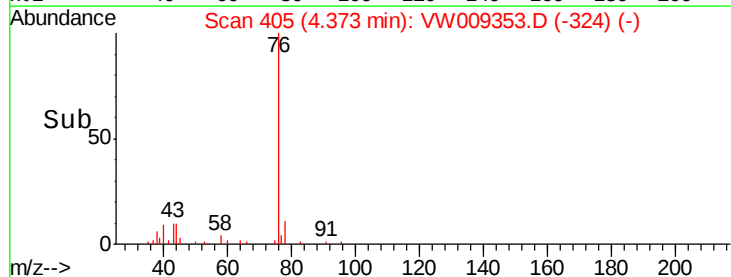
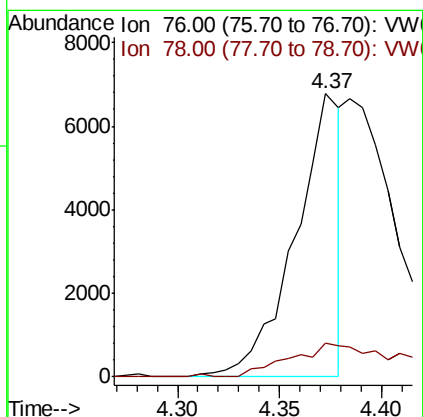
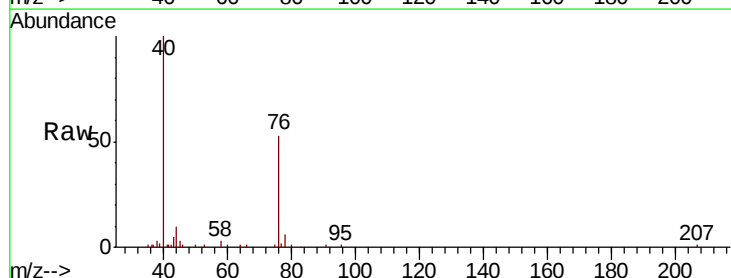
Acq: 22 Mar 2019 17:21

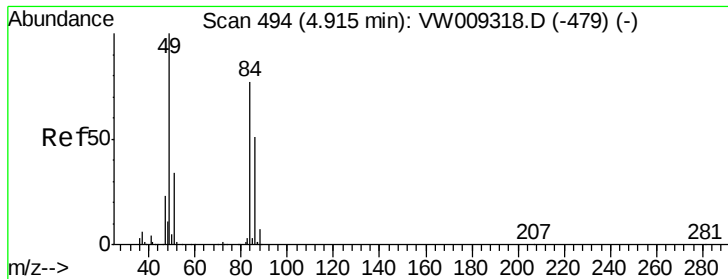
Tgt Ion: 76 Resp: 10589

Ion Ratio Lower Upper

76 100

78 11.9 7.3 10.9#

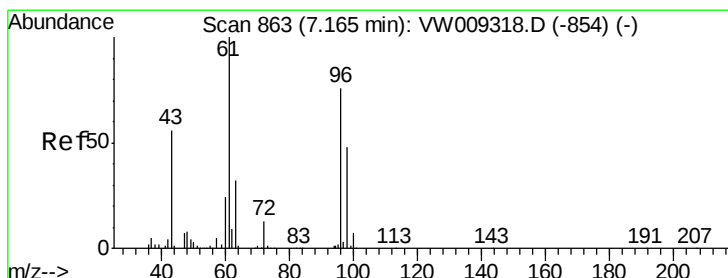
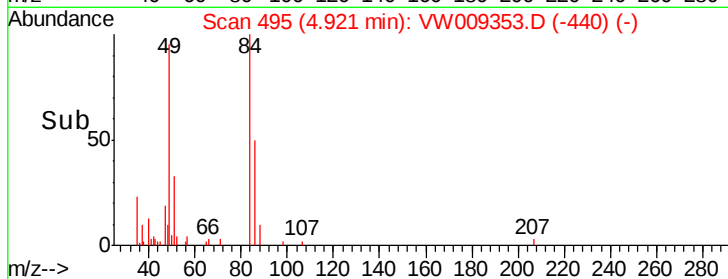
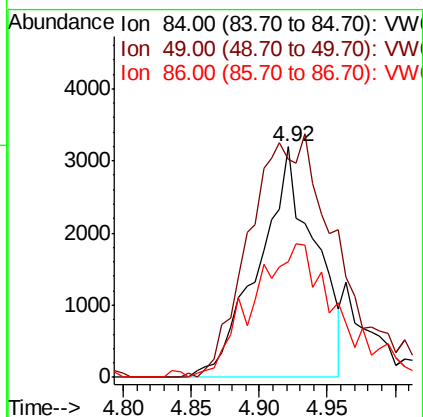
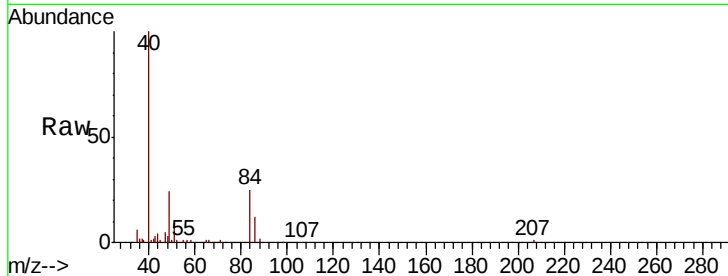




#16
Methylene chloride
Concen: 1.984 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009353.D
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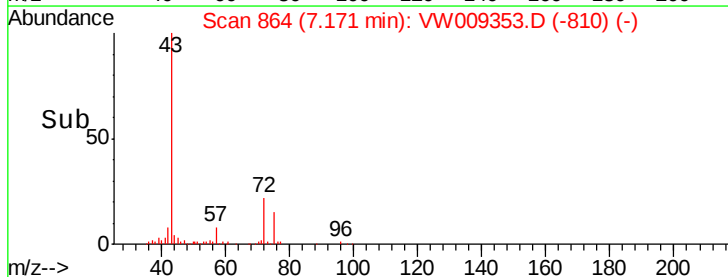
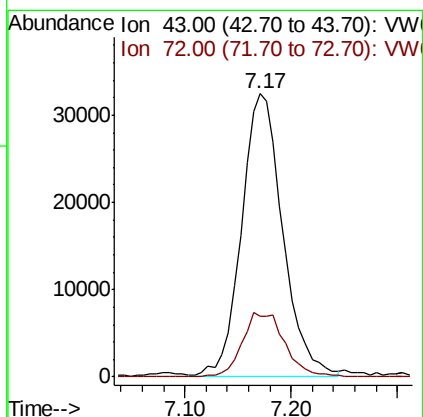
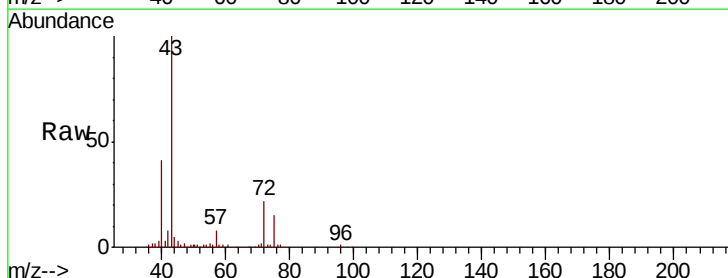
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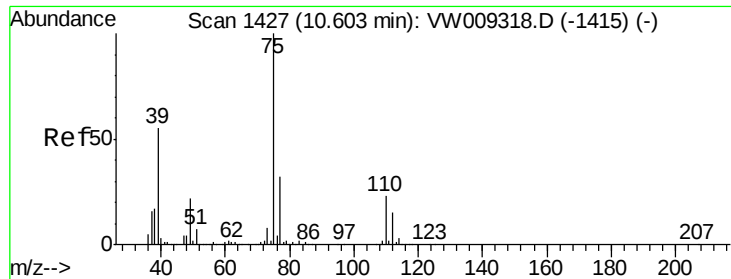
Tgt Ion: 84 Resp: 9150
Ion Ratio Lower Upper
84 100
49 94.6 96.0 178.2#
86 50.1 44.4 82.5



#21
2-Butanone
Concen: 49.585 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW009353.D
Acq: 22 Mar 2019 17:21

Tgt Ion: 43 Resp: 87736
Ion Ratio Lower Upper
43 100
72 14.2 13.1 39.1





#45

trans-1,3-Dichloropropene

Concen: 0.466 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009353.D

Acq: 22 Mar 2019 17:21

Instrument :

MSVOA_W

ClientSampleId :

BF0E9

Tgt Ion: 75 Resp: 2610

Ion Ratio Lower Upper

75 100

77 44.7 22.5 41.7#

