

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041019\
 Data File : VW009902.D
 Acq On : 11 Apr 2019 01:38
 Operator : SY/VA
 Sample : K2254-18RE
 Misc : 5.29G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC39RE

Quant Time: Apr 11 06:22:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	348879	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328303	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	125591	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93658	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.04%
7) Chloroethane-d5	2.89	69	85648	20.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.92%
10) 1,1-Dichloroethene-d2	4.01	63	176552	17.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.92%
20) 2-Butanone-d5	7.07	46	144905	97.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	195.52%#
24) Chloroform-d	7.65	84	267108	28.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.24%
26) 1,2-Dichloroethane-d4	8.31	65	183979	31.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.92%
29) Benzene-d6	8.27	84	469895	27.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.08%
33) 1,2-Dichloropropane-d6	9.27	67	155594	29.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.92%
37) Toluene-d8	10.32	98	389493	24.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.76%
38) trans-1,3-Dichloropropene-	10.57	79	59338	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.48%
39) 2-Hexanone-d5	10.93	63	90088	89.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	179.58%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	172071	34.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	139.08%#
61) 1,2-Dichlorobenzene-d4	13.85	152	136108	30.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	123.52%#

Target Compounds

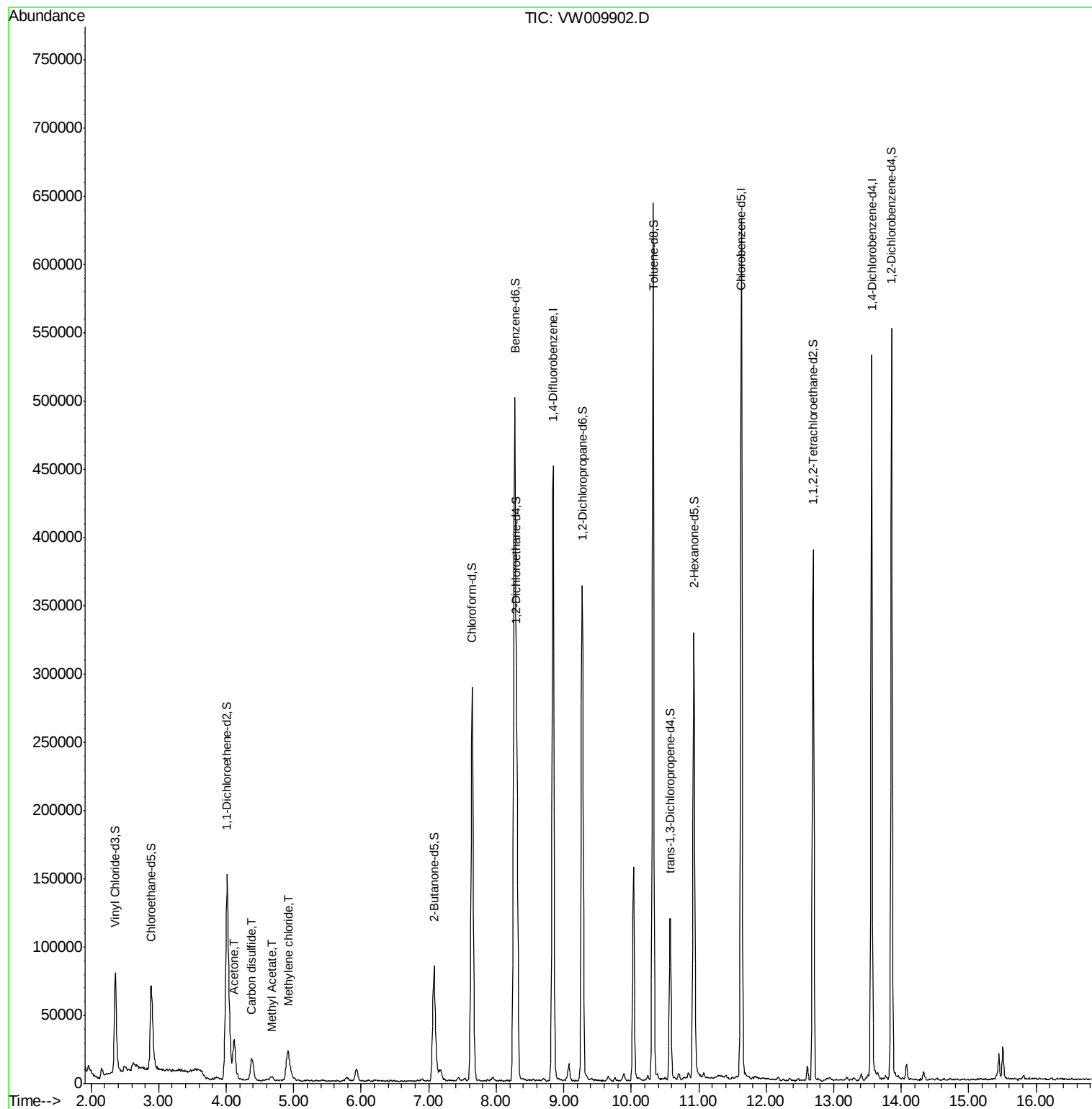
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	48207	30.353	ug/L	99
14) Carbon disulfide	4.37	76	30551	2.121	ug/L	97
15) Methyl Acetate	4.68	43	4435	1.532	ug/L	92
16) Methylene chloride	4.92	84	18881	3.069	ug/L	94

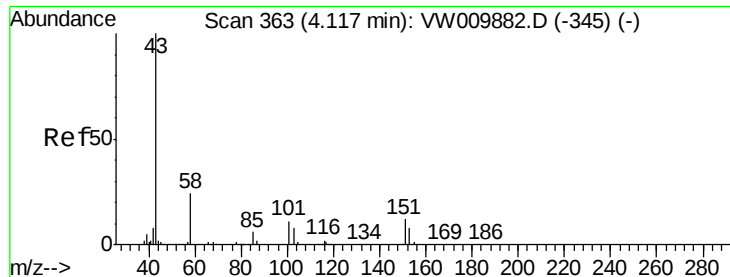
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 30.353 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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ClientSampleId :

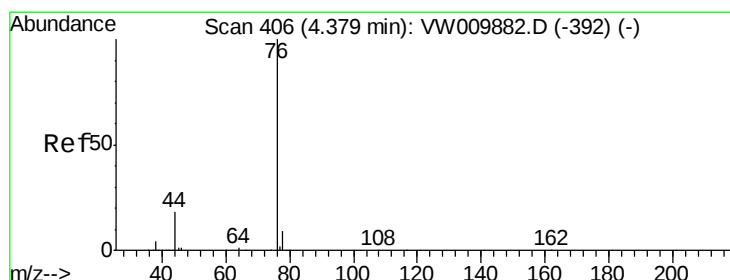
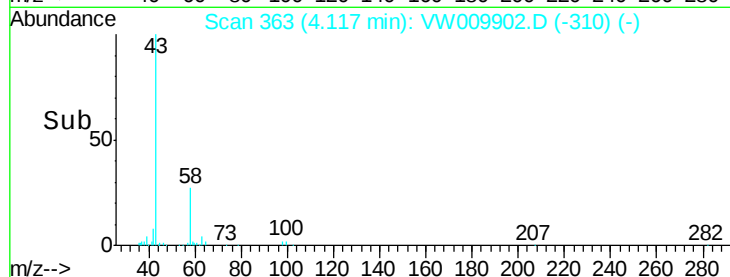
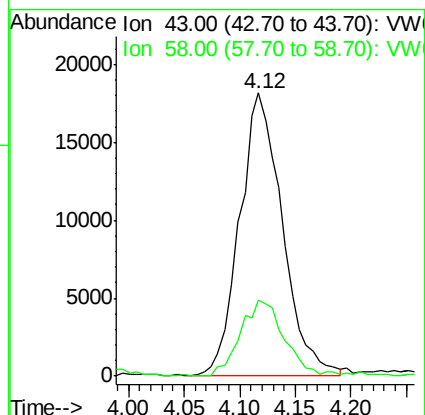
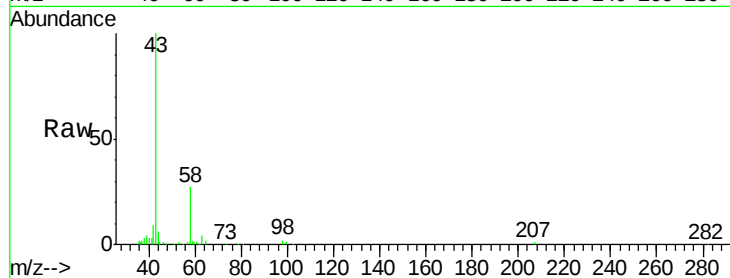
BFC39RE

Tot Ion: 43 Resp: 48207

Ion Ratio Lower Upper

43 100

58 27.1 0.0 53.0



#14

Carbon disulfide

Concen: 2.121 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW009902.D

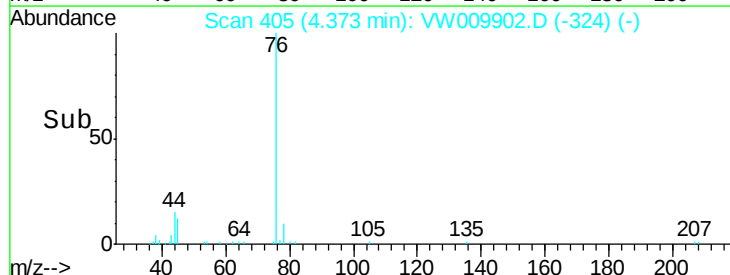
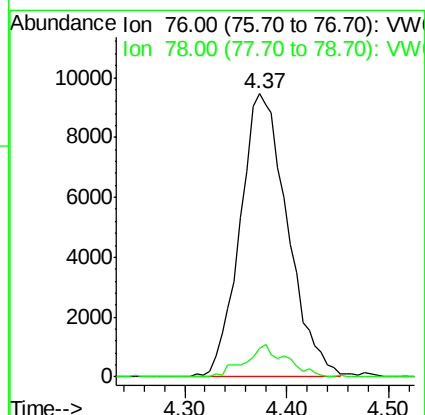
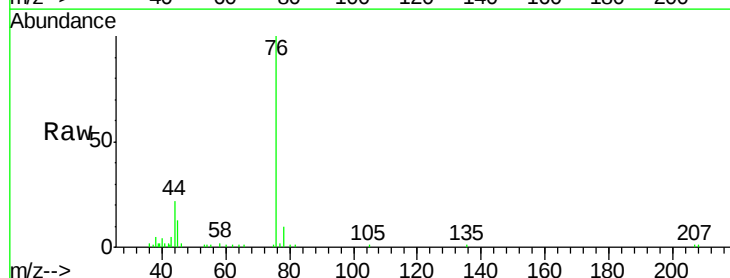
Acq: 11 Apr 2019 01:38

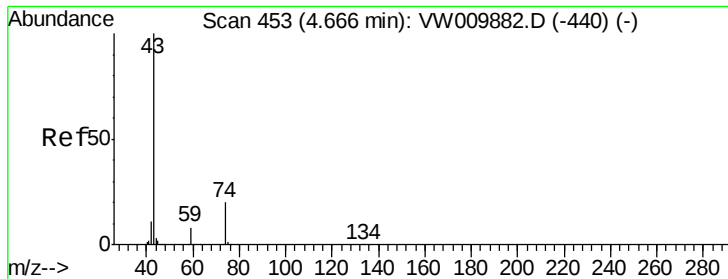
Tgt Ion: 76 Resp: 30551

Ion Ratio Lower Upper

76 100

78 10.3 7.3 10.9





#15

Methyl Acetate

Concen: 1.532 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

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Acq: 11 Apr 2019 01:38

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ClientSampleId :

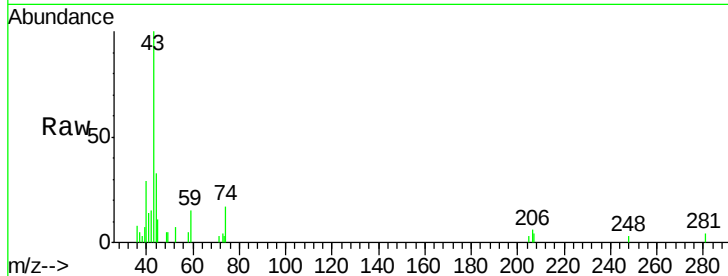
BFC39RE

Tot Ion: 43 Resp: 4435

Ion Ratio Lower Upper

43 100

74 25.1 17.2 25.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

2000

1500

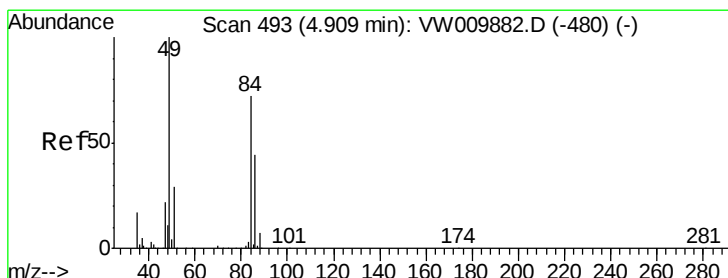
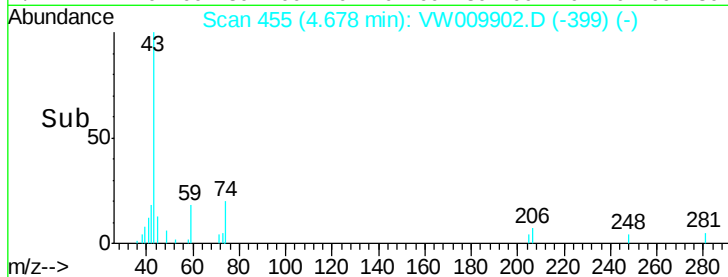
1000

500

0

4.60 4.65 4.70 4.75

Time-->



#16

Methylene chloride

Concen: 3.069 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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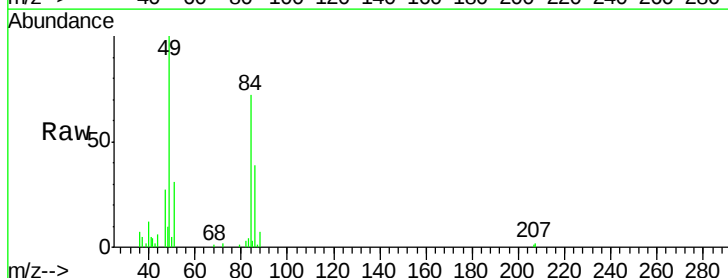
Tgt Ion: 84 Resp: 18881

Ion Ratio Lower Upper

84 100

49 138.6 98.3 182.5

86 54.4 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

8000

6000

4000

2000

0

4.80 4.90 5.00

Time-->

