

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009954.D
 Acq On : 12 Apr 2019 12:48
 Operator : SY/VA
 Sample : K2255-12
 Misc : 6.29G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC43

Quant Time: Apr 13 00:33:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 23:54:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	517630	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	441133	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	137608	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111250	16.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.68%
7) Chloroethane-d5	2.89	69	107868	17.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.52%
10) 1,1-Dichloroethene-d2	4.01	63	213410	14.65	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.60%
20) 2-Butanone-d5	7.07	46	99426	45.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.42%
24) Chloroform-d	7.65	84	326130	23.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.36%
26) 1,2-Dichloroethane-d4	8.30	65	196577	22.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.68%
29) Benzene-d6	8.27	84	566807	24.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.92%
33) 1,2-Dichloropropane-d6	9.27	67	187337	26.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.76%
37) Toluene-d8	10.32	98	458995	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.76%
38) trans-1,3-Dichloropropene-	10.57	79	67655	19.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.32%
39) 2-Hexanone-d5	10.93	63	63721	47.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141615	21.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	113237	23.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.80%

Target Compounds

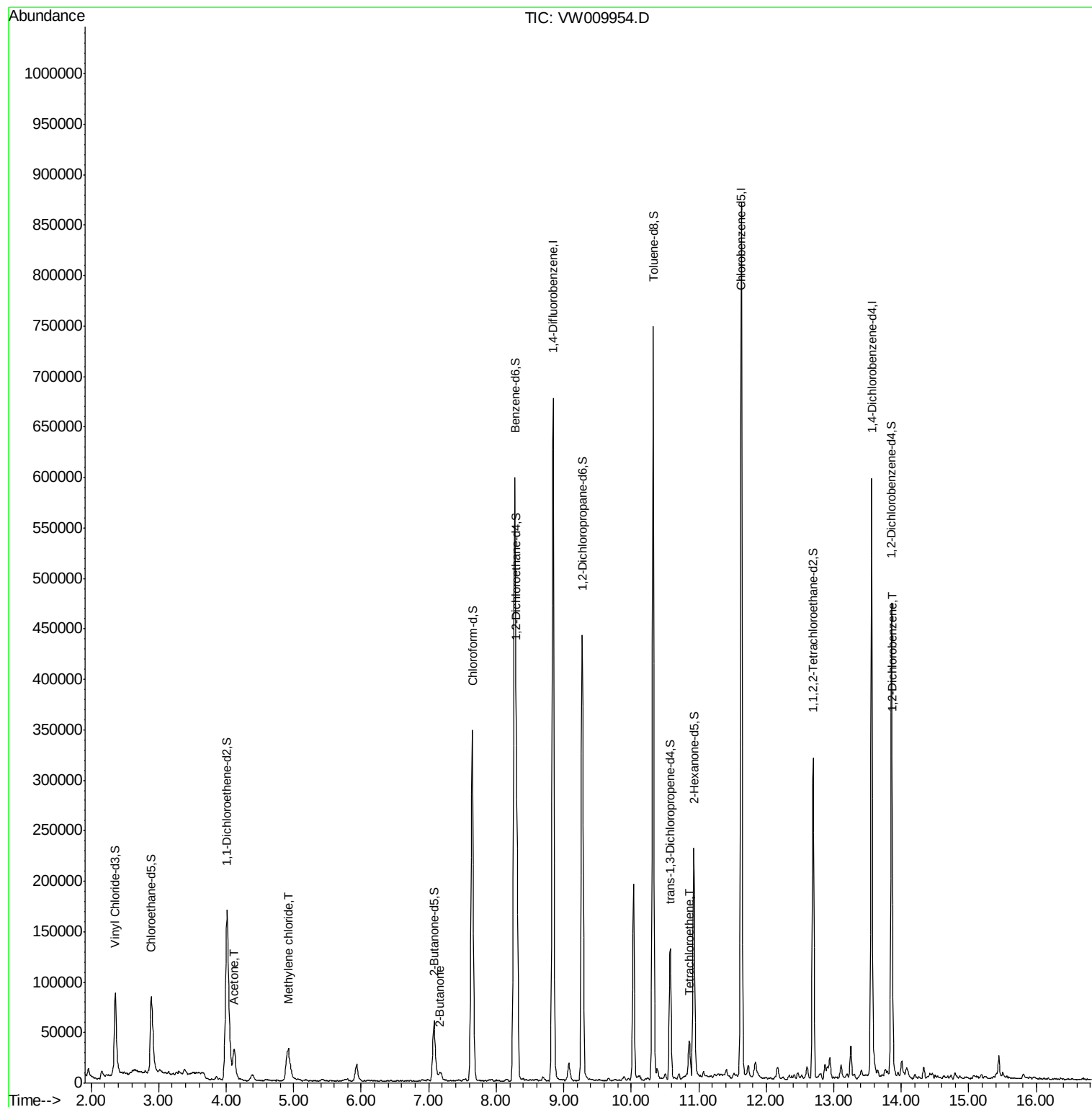
					Ovalue
13) Acetone	4.12	43	51025	21.654	ug/L 99
16) Methylene chloride	4.92	84	28582	3.131	ug/L 89
21) 2-Butanone	7.17	43	12830	4.281	ug/L 92
47) Tetrachloroethene	10.86	164	7515	1.374	ug/L 91
65) 1,2-Dichlorobenzene	13.87	146	7029	0.863	ug/L 90

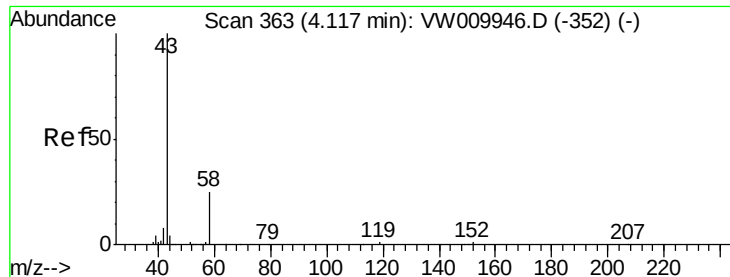
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 12 23:54:39 2019
Response via : Initial Calibration





#13

Acetone

Concen: 21.654 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009954.D

Acq: 12 Apr 2019 12:48

Instrument :

MSVOA_W

ClientSampled :

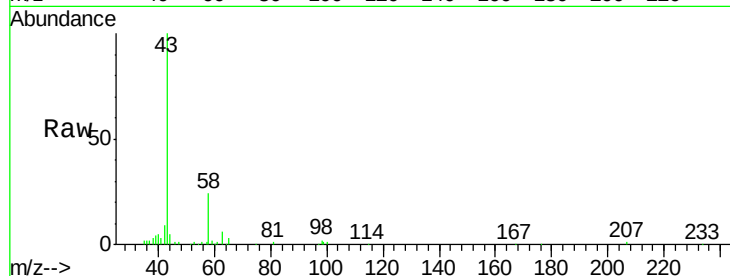
BFC43

Tot Ion: 43 Resp: 51025

Ion Ratio Lower Upper

43 100

58 27.2 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

20000

15000

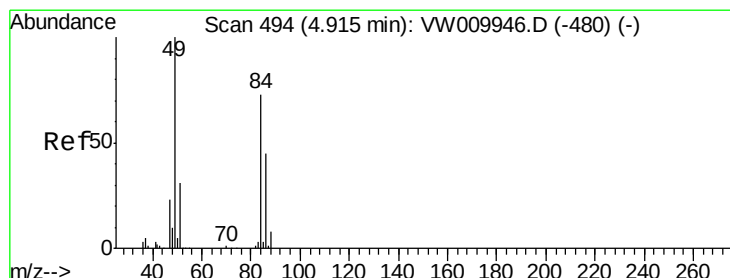
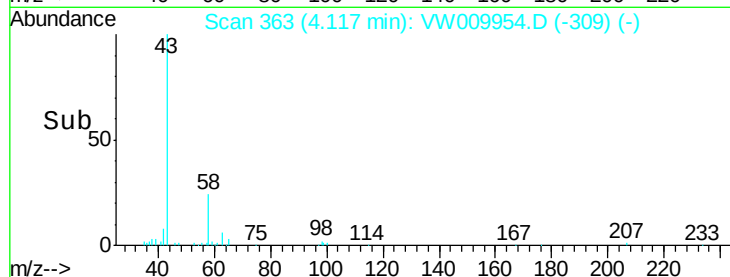
10000

5000

0

4.00 4.10 4.20

Time-->



#16

Methylene chloride

Concen: 3.131 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW009954.D

Acq: 12 Apr 2019 12:48

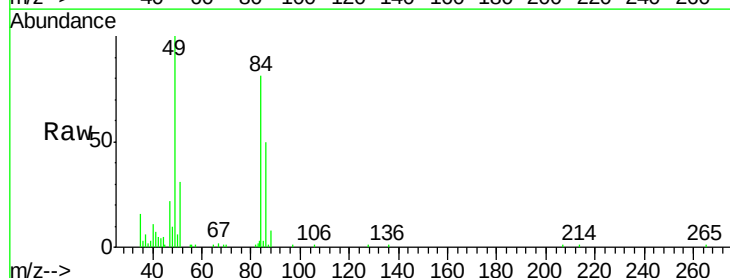
Tgt Ion: 84 Resp: 28582

Ion Ratio Lower Upper

84 100

49 123.5 98.3 182.5

86 62.3 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

4.92

12000

10000

8000

6000

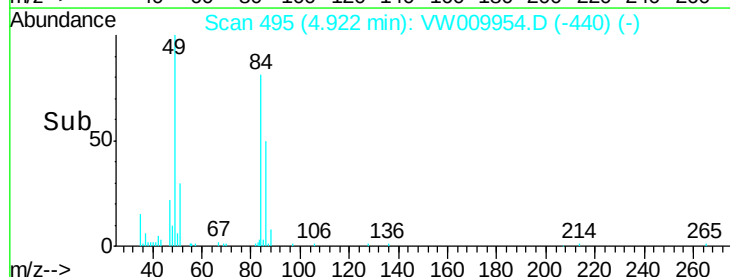
4000

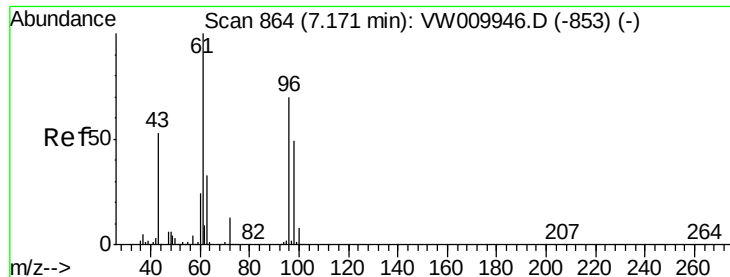
2000

0

4.80 4.90 5.00

Time-->





#21

2-Butanone

Concen: 4.281 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW009954.D

Acq: 12 Apr 2019 12:48

Instrument :

MSVOA_W

ClientSampled :

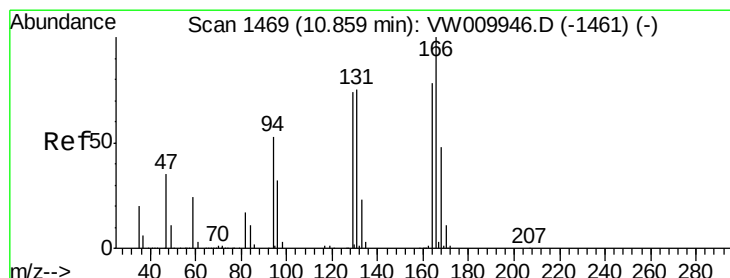
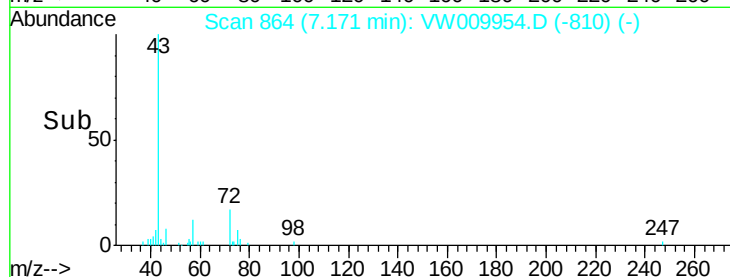
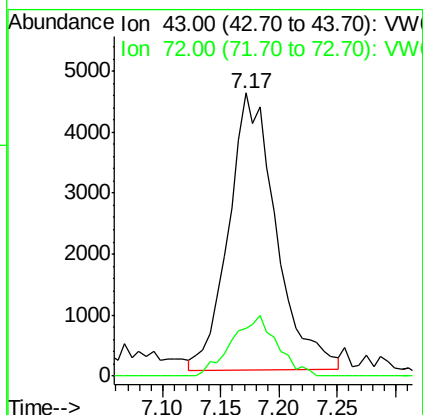
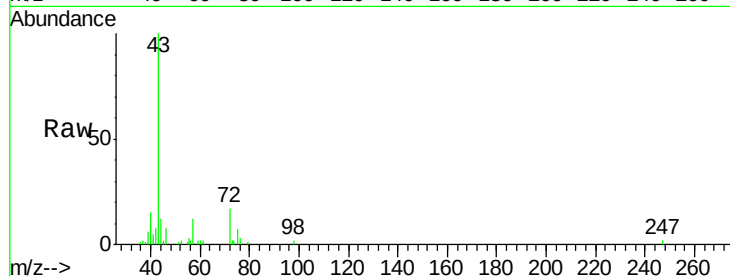
BFC43

Tot Ion: 43 Resp: 12830

Ion Ratio Lower Upper

43 100

72 20.2 12.0 36.1



#47

Tetrachloroethene

Concen: 1.374 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009954.D

Acq: 12 Apr 2019 12:48

Tgt Ion: 164 Resp: 7515

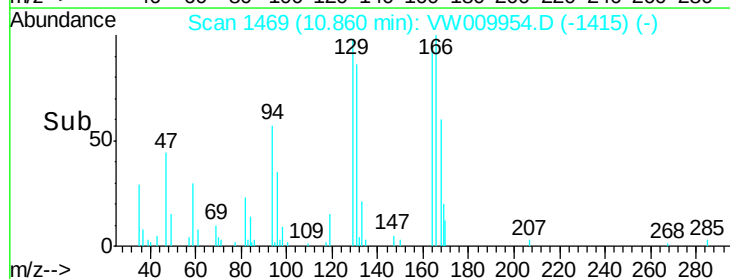
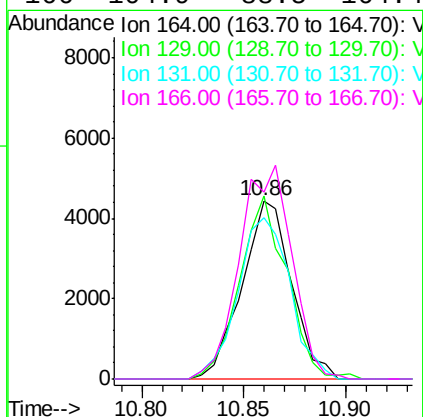
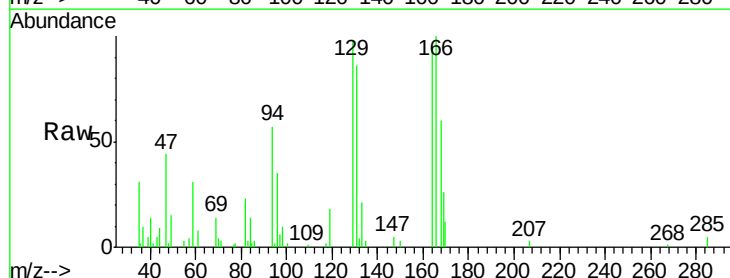
Ion Ratio Lower Upper

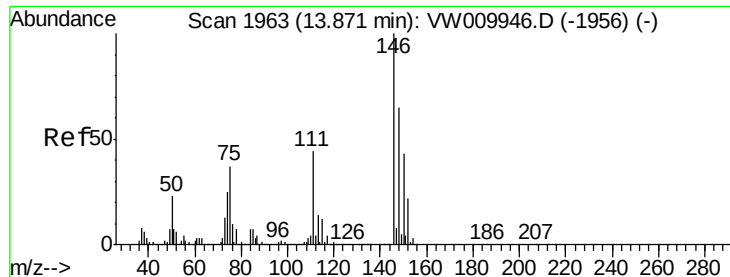
164 100

129 102.9 68.9 127.9

131 90.2 63.1 117.1

166 104.9 88.5 164.4

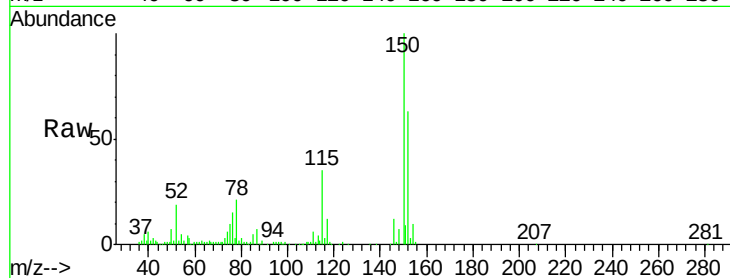




#65
 1,2-Dichlorobenzene
 Concen: 0.863 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW009954.D
 Acq: 12 Apr 2019 12:48

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC43

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.3	32.4	48.6
148	54.5	50.5	75.7



Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

