

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120820\
 Data File : VW017588.D
 Acq On : 08 Dec 2020 10:42
 Operator : SY/VA
 Sample : VW1208SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB18

Quant Time: Dec 09 01:16:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 09 01:15:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	355945	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	330852	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	162240	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	112388	23.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.56%
7) Chloroethane-d5	2.90	69	95701	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.40%
10) 1,1-Dichloroethene-d2	4.03	63	190422	17.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.96%
20) 2-Butanone-d5	7.08	46	63701	62.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.08%
24) Chloroform-d	7.65	84	267314	25.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.24%
26) 1,2-Dichloroethane-d4	8.31	65	141843	27.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.52%
29) Benzene-d6	8.28	84	507366	24.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.96%
33) 1,2-Dichloropropane-d6	9.28	67	147656	25.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.00%
37) Toluene-d8	10.33	98	458478	24.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.68%
38) trans-1,3-Dichloropropene-	10.58	79	63639	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.04%
39) 2-Hexanone-d5	10.93	63	40232	55.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118490	28.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	161640	26.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.60%

Target Compounds

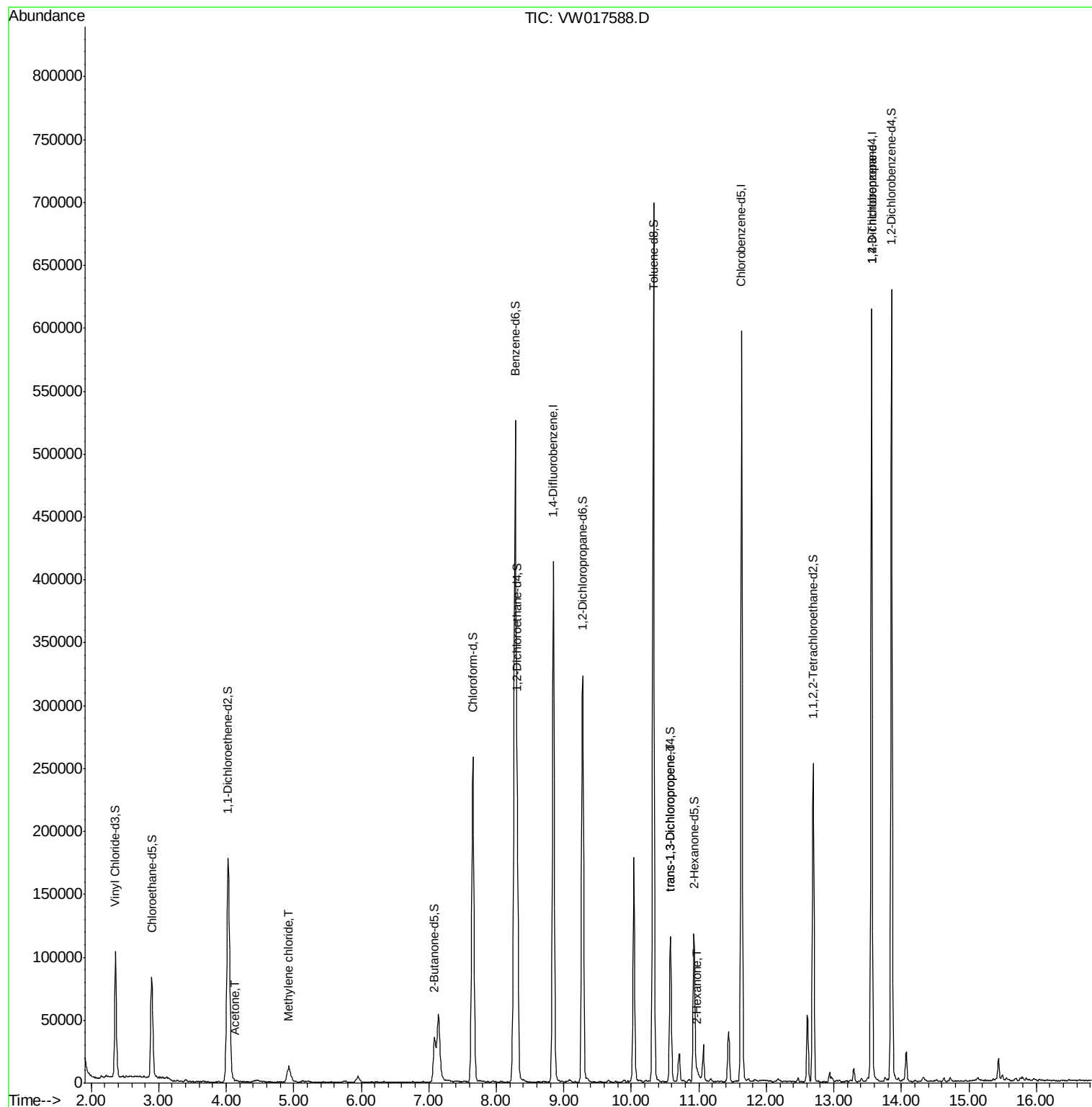
					Ovalue
13) Acetone	4.14	43	754	0.754 ug/L	50
16) Methylene chloride	4.93	84	9917	1.848 ug/L	91
45) trans-1,3-Dichloropropene	10.59	75	3111	0.493 ug/L	86
49) 2-Hexanone	10.98	43	1460	0.907 ug/L #	80
59) 1,2,3-Trichloropropane	13.56	75	19383	6.809 ug/L	99

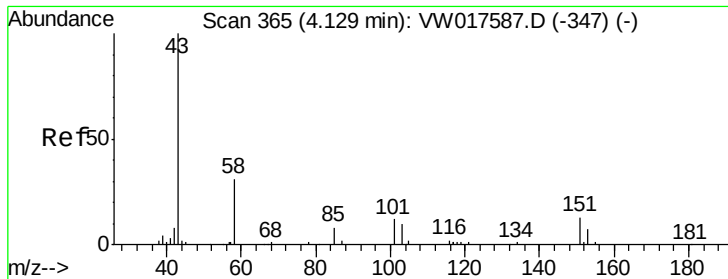
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 08 Dec 2020 10:42
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Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 09 01:16:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 09 01:15:23 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.754 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017588.D

Acq: 08 Dec 2020 10:42

Instrument :

MSVOA_W

ClientSampleId :

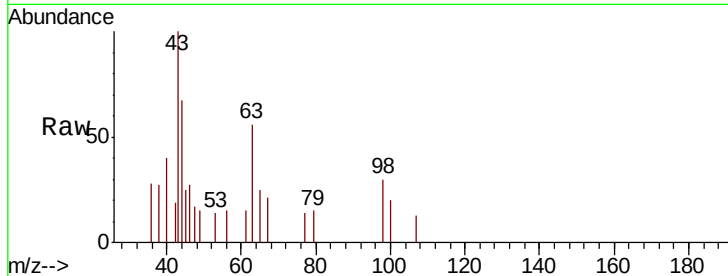
BFB18

Tot Ion: 43 Resp: 754

Ion Ratio Lower Upper

43 100

58 5.4 0.0 68.4



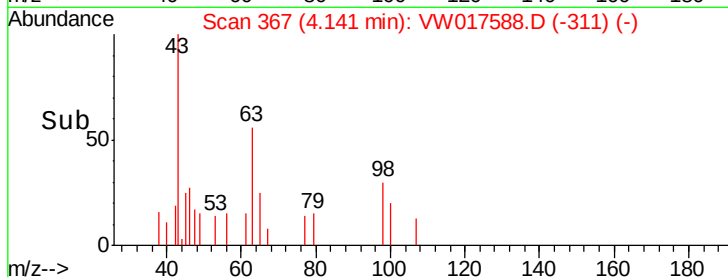
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

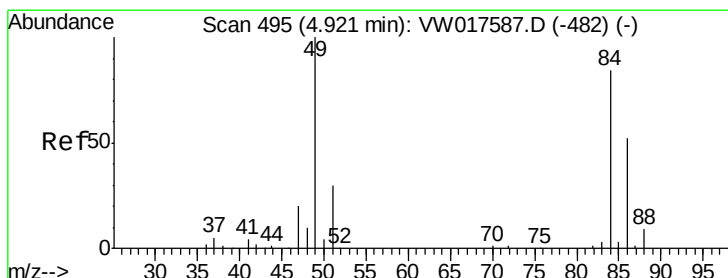
4.14

4.16

4.18



Time-->



#16

Methylene chloride

Concen: 1.848 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017588.D

Acq: 08 Dec 2020 10:42

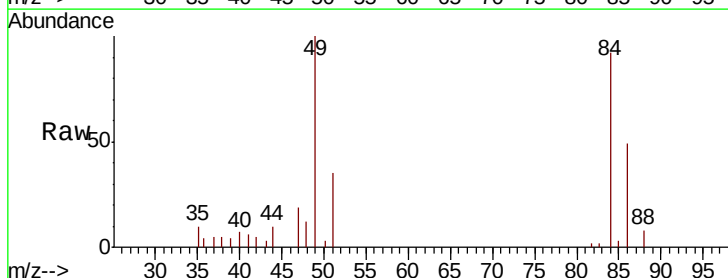
Tgt Ion: 84 Resp: 9917

Ion Ratio Lower Upper

84 100

49 108.8 81.2 150.8

86 52.8 44.5 82.7



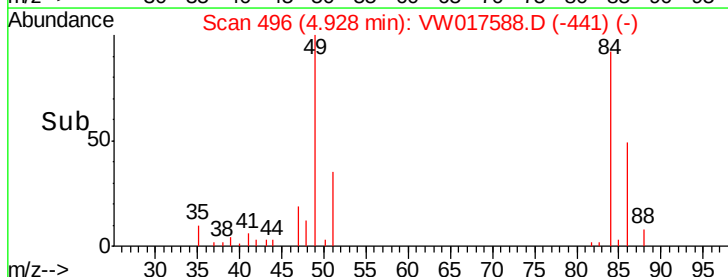
Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

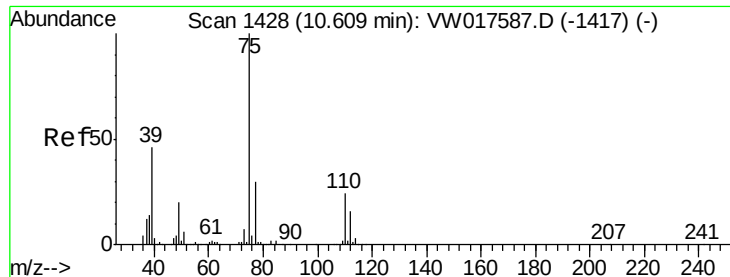
Ion 86.00 (85.70 to 86.70): VW

4.93

5.00



Time-->



#45

trans-1,3-Dichloropropene

Concen: 0.493 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017588.D

Acq: 08 Dec 2020 10:42

Instrument :

MSVOA_W

ClientSampled :

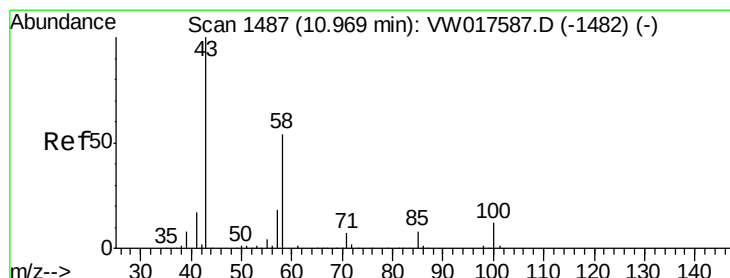
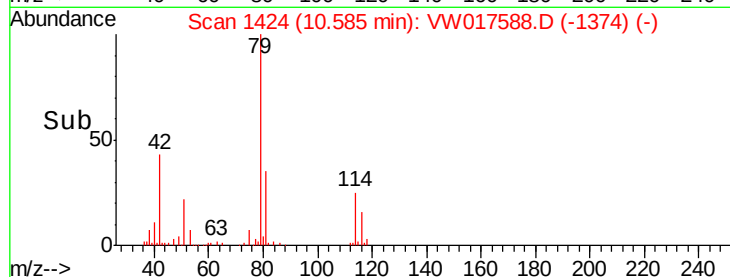
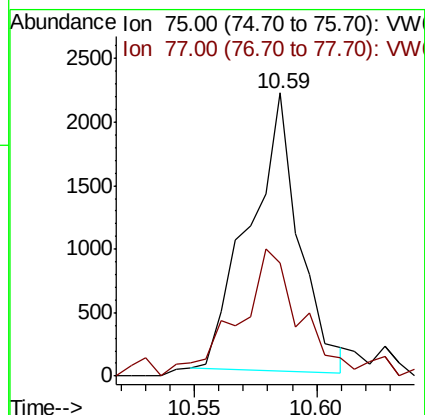
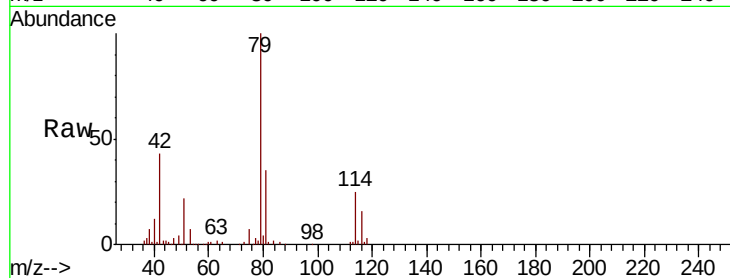
BFB18

Tot Ion: 75 Resp: 3111

Ion Ratio Lower Upper

75 100

77 40.0 22.6 42.0



#49

2-Hexanone

Concen: 0.907 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017588.D

Acq: 08 Dec 2020 10:42

Tgt Ion: 43 Resp: 1460

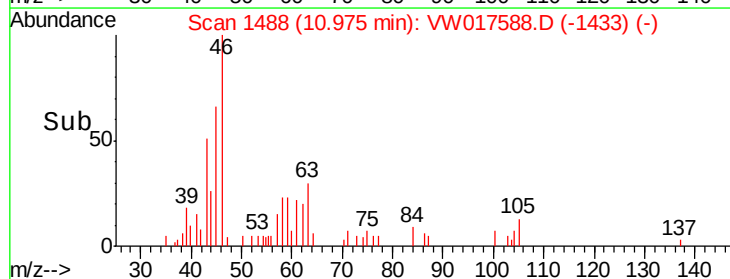
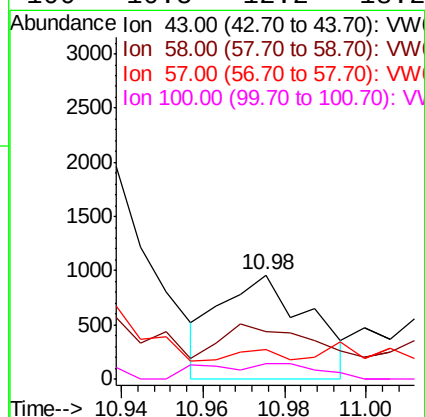
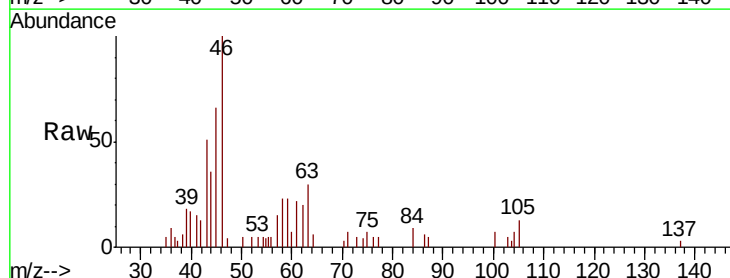
Ion Ratio Lower Upper

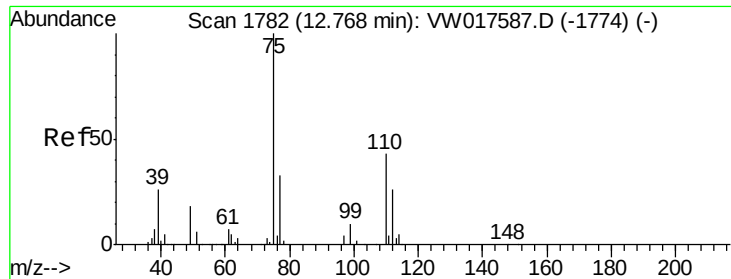
43 100

58 48.2 51.3 76.9#

57 6.7 15.0 22.6#

100 10.5 12.2 18.2#





#59
 1,2,3-Trichloropropane
 Concen: 6.809 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW017588.D
 Acq: 08 Dec 2020 10:42

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB18

Tot Ion: 75 Resp: 19383
 Ion Ratio Lower Upper
 75 100
 77 33.8 26.6 39.8

