

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017173.D
 Acq On : 11 Nov 2020 18:55
 Operator : SY/VA
 Sample : L4693-18
 Misc : 5.33G/10ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4E4

Quant Time: Nov 12 06:17:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	494831	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	444216	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178254	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	124260	19.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.76%
7) Chloroethane-d5	2.89	69	103425	21.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.12%
10) 1,1-Dichloroethene-d2	4.02	63	168782	15.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.56%
20) 2-Butanone-d5	7.09	46	39750	28.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.04%
24) Chloroform-d	7.65	84	241818	20.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.72%
26) 1,2-Dichloroethane-d4	8.31	65	116005	20.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.80%
29) Benzene-d6	8.28	84	482513	21.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.32%
33) 1,2-Dichloropropane-d6	9.28	67	132634	21.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.80%
37) Toluene-d8	10.33	98	457281	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.76%
38) trans-1,3-Dichloropropene-	10.58	79	48355	17.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.56%
39) 2-Hexanone-d5	10.93	63	31795	29.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93228	17.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	139065	22.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.56%

Target Compounds

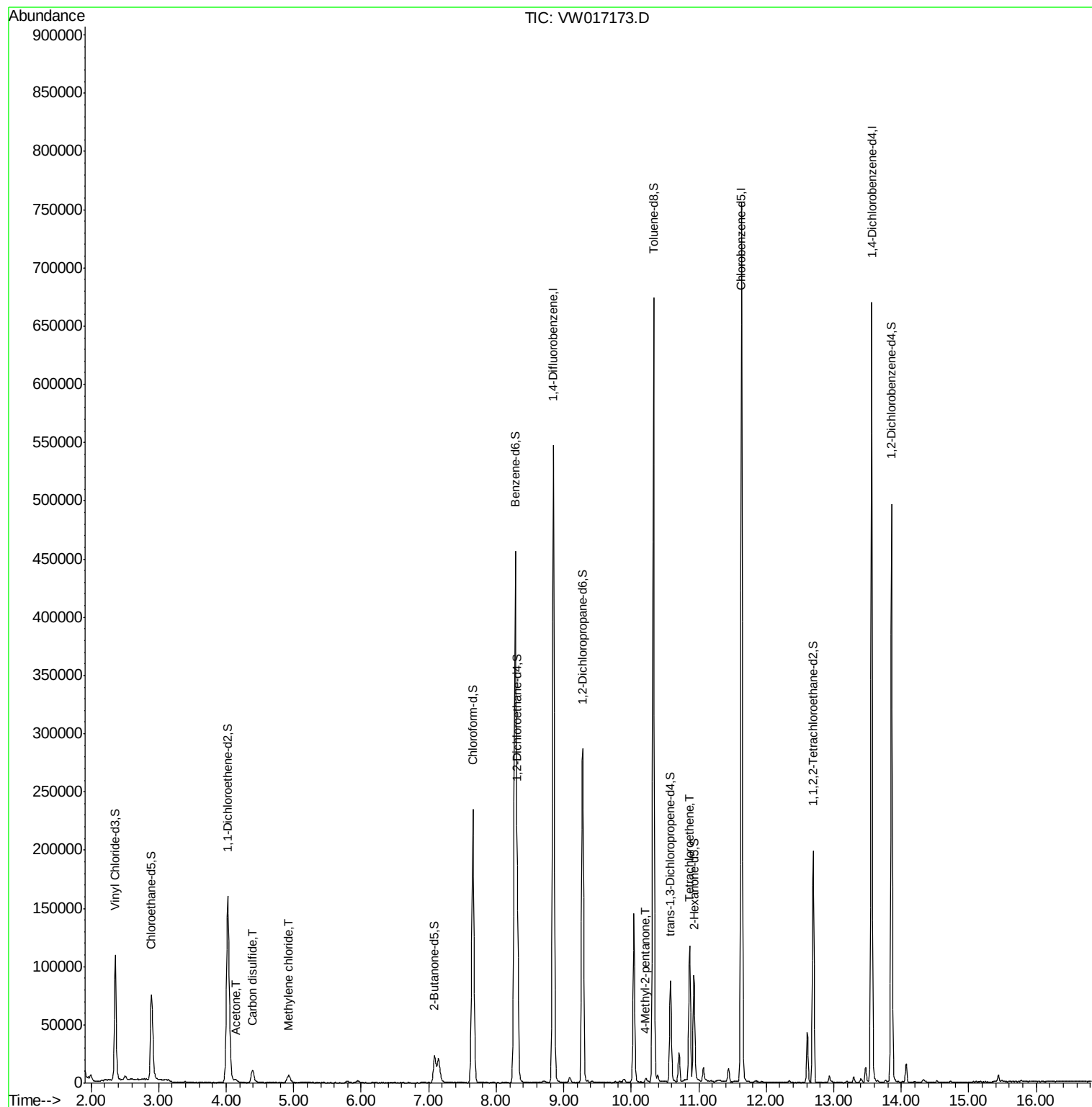
					Ovalue
13) Acetone	4.14	43	4680	5.015 ug/L	99
14) Carbon disulfide	4.39	76	24749	1.481 ug/L	98
16) Methylene chloride	4.93	84	5896	0.884 ug/L	92
43) 4-Methyl-2-pentanone	10.22	43	2592	0.770 ug/L #	91
47) Tetrachloroethene	10.87	164	26117	4.430 ug/L	94

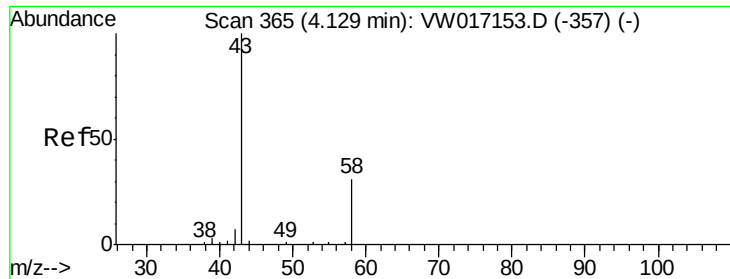
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.015 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017173.D

Acq: 11 Nov 2020 18:55

Instrument :

MSVOA_W

ClientSampled :

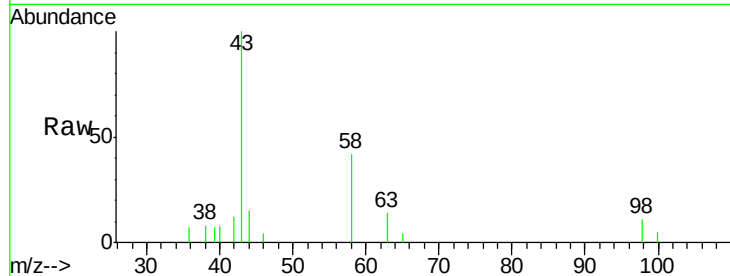
BG4E4

Tot Ion: 43 Resp: 4680

Ion Ratio Lower Upper

43 100

58 35.1 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1500

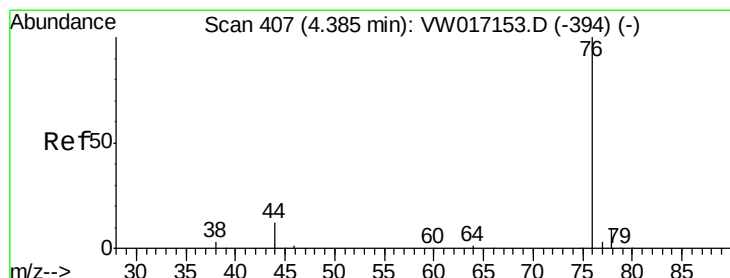
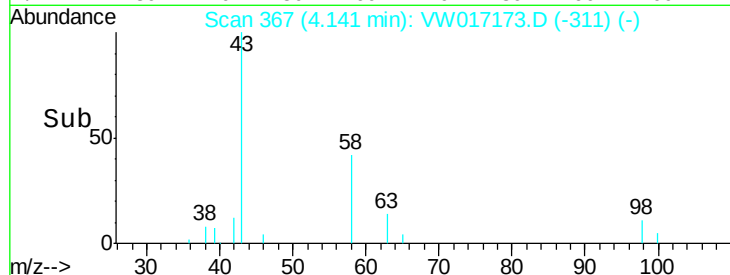
1000

500

0

4.05 4.10 4.15 4.20 4.25

Time-->



#14

Carbon disulfide

Concen: 1.481 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW017173.D

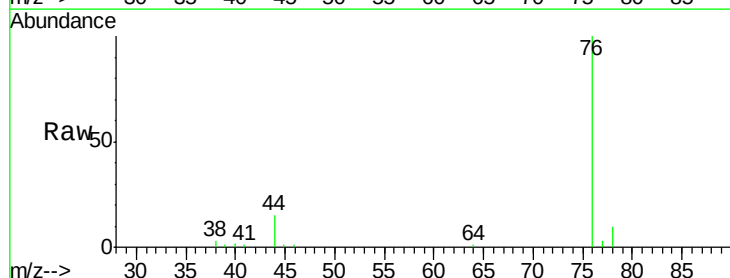
Acq: 11 Nov 2020 18:55

Tgt Ion: 76 Resp: 24749

Ion Ratio Lower Upper

76 100

78 10.1 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

4.39

8000

6000

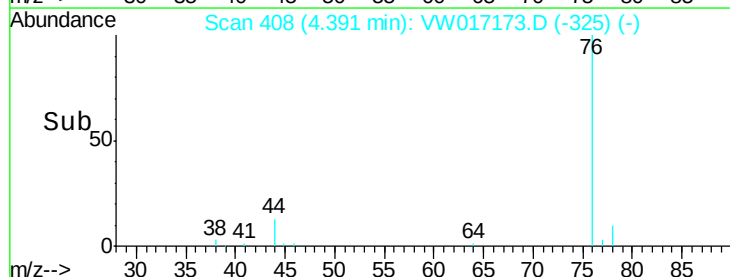
4000

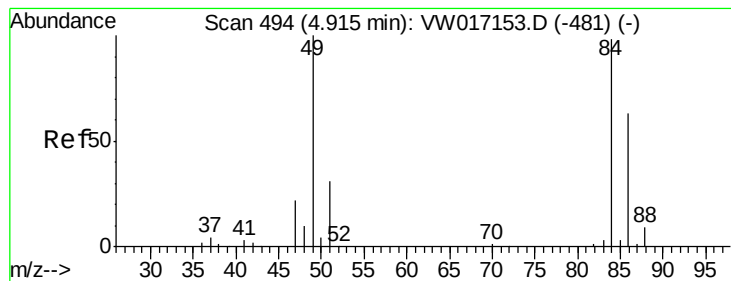
2000

0

4.30 4.40 4.50

Time-->





#16

Methylene chloride

Concen: 0.884 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017173.D

Acq: 11 Nov 2020 18:55

Instrument :

MSVOA_W

ClientSampled :

BG4E4

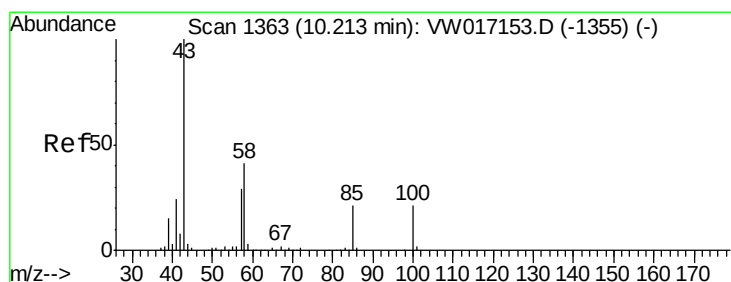
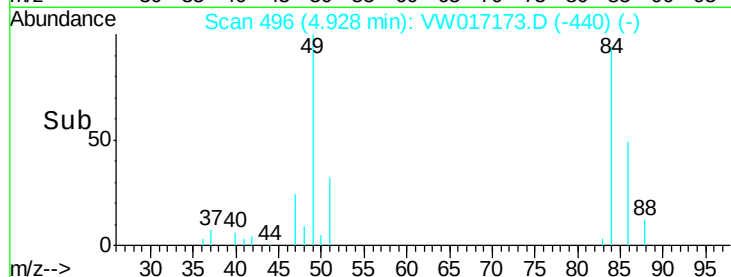
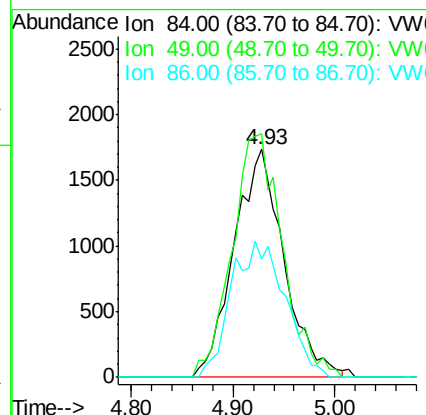
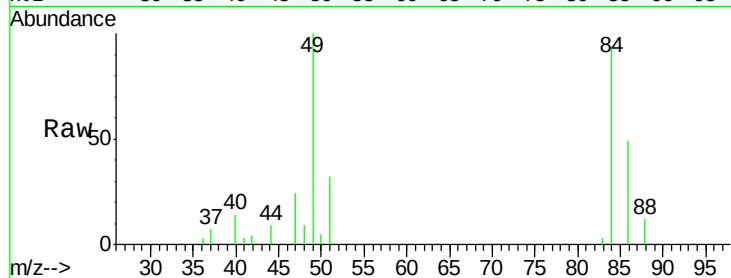
Tot Ion: 84 Resp: 5896

Ion Ratio Lower Upper

84 100

49 106.8 72.3 134.3

86 52.1 45.1 83.7



#43

4-Methyl-2-pentanone

Concen: 0.770 ug/L

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW017173.D

Acq: 11 Nov 2020 18:55

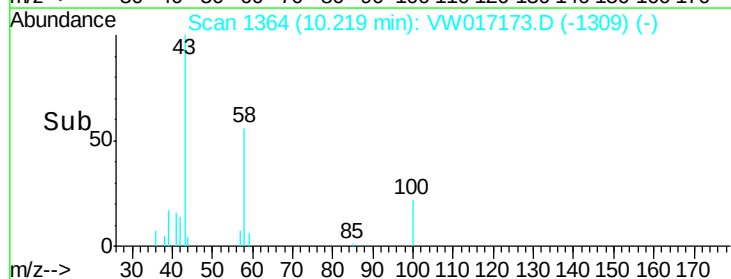
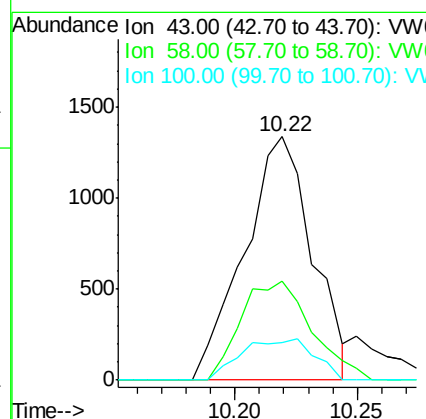
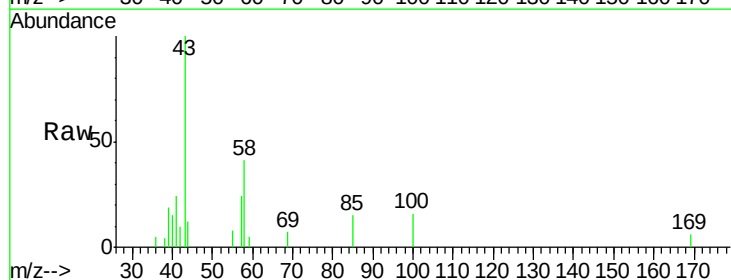
Tgt Ion: 43 Resp: 2592

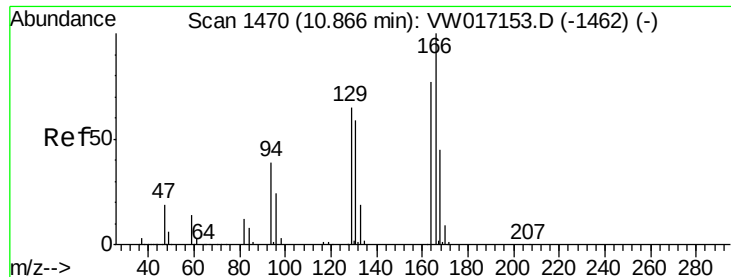
Ion Ratio Lower Upper

43 100

58 42.3 35.0 52.6

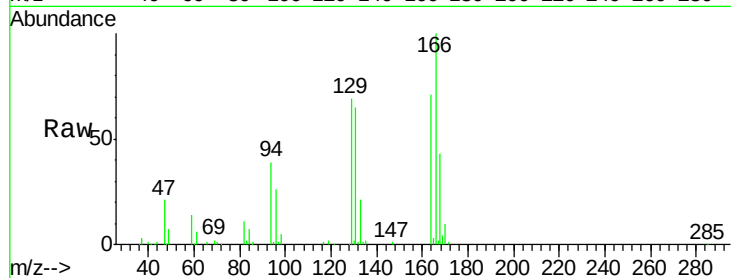
100 9.5 16.6 24.8#





#47
Tetrachloroethene
Concen: 4.430 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW017173.D
Acq: 11 Nov 2020 18:55

Instrument :
MSVOA_W
ClientSampleId :
BG4E4



Tot Ion:	164	Resp:	26117
Ion	Ratio	Lower	Upper
164	100		
129	97.0	62.9	116.7
131	91.9	63.3	117.5
166	141.2	92.0	170.8

