

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
 Data File : VW017203.D
 Acq On : 13 Nov 2020 11:01
 Operator : SY/VA
 Sample : VW1113SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 16 11:55:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 11:48:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	422181	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	384764	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185490	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119903	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.20%
7) Chloroethane-d5	2.89	69	104175	25.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.68%
10) 1,1-Dichloroethene-d2	4.02	63	174038	18.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.20%
20) 2-Butanone-d5	7.08	46	62767	52.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.56%
24) Chloroform-d	7.65	84	266138	27.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	8.31	65	142315	29.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.16%
29) Benzene-d6	8.27	84	506850	25.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.48%
33) 1,2-Dichloropropane-d6	9.27	67	143305	26.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.76%
37) Toluene-d8	10.32	98	476423	25.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.16%
38) trans-1,3-Dichloropropene-	10.58	79	63049	25.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.20%
39) 2-Hexanone-d5	10.93	63	51885	54.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130558	27.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	186181	28.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.96%

Target Compounds

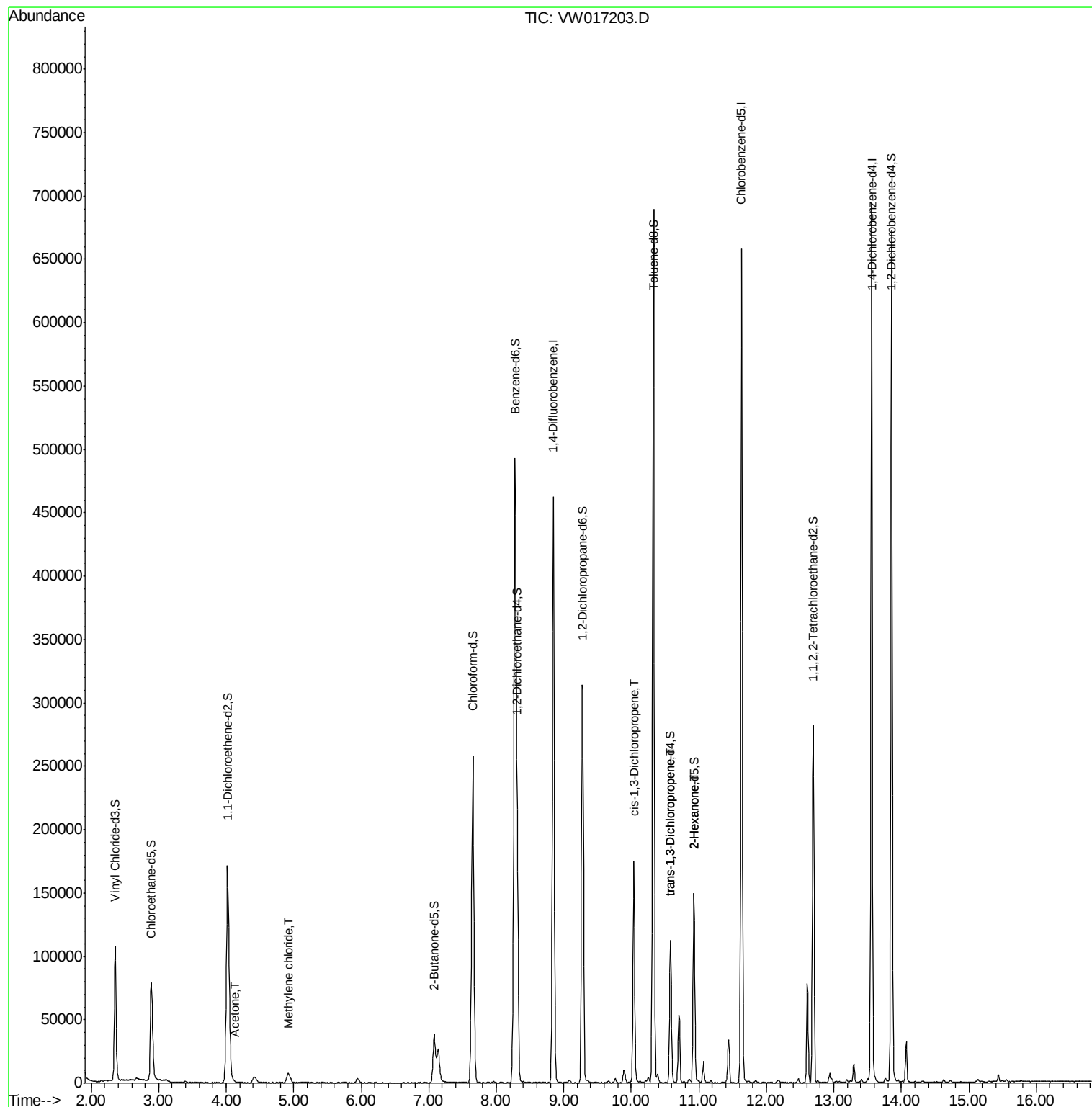
					Ovalue
13) Acetone	4.14	43	844	1.060 ug/L	66
16) Methylene chloride	4.93	84	6396	1.124 ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	5085	0.680 ug/L #	82
45) trans-1,3-Dichloropropene	10.58	75	3289	0.512 ug/L #	71
49) 2-Hexanone	10.93	43	5661	3.223 ug/L #	61

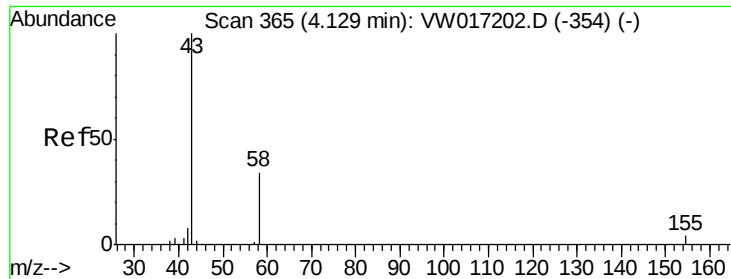
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 16 11:48:24 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.060 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017203.D

Acq: 13 Nov 2020 11:01

Instrument :

MSVOA_W

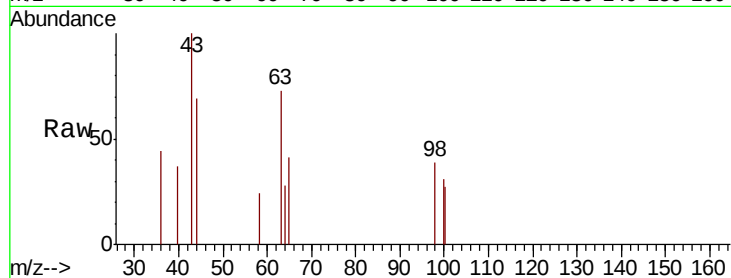
ClientSampled :

Tot Ion: 43 Resp: 844

Ion Ratio Lower Upper

43 100

58 15.2 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

300

250

200

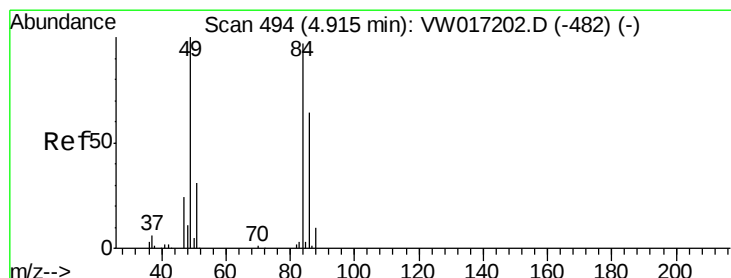
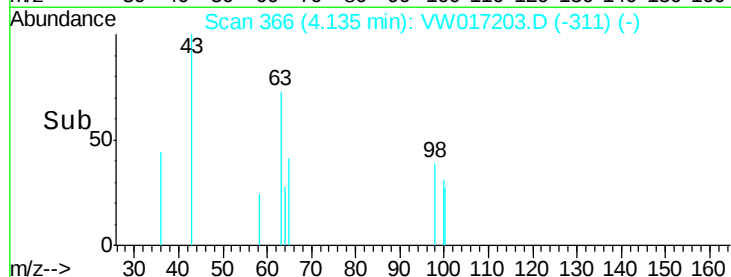
150

100

50

0

Time-->



#16

Methylene chloride

Concen: 1.124 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017203.D

Acq: 13 Nov 2020 11:01

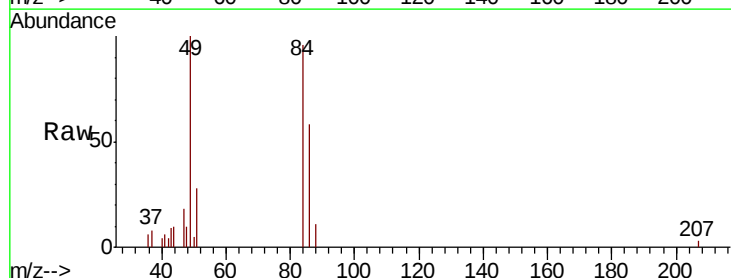
Tgt Ion: 84 Resp: 6396

Ion Ratio Lower Upper

84 100

49 104.4 72.3 134.3

86 60.6 45.1 83.7



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

2500

2000

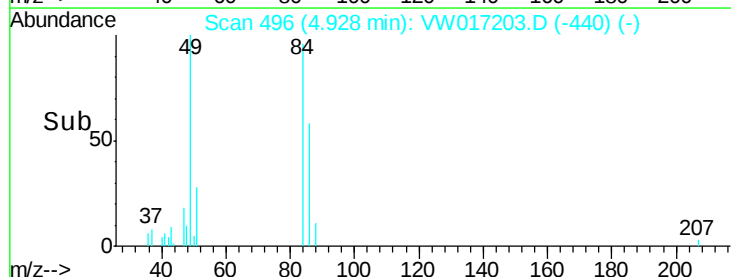
1500

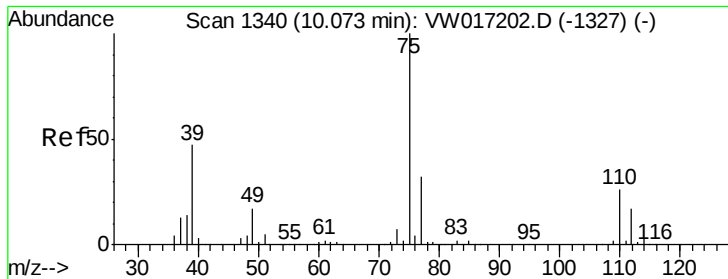
1000

500

0

Time-->





#42

cis-1,3-Dichloropropene

Concen: 0.680 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017203.D

Acq: 13 Nov 2020 11:01

Instrument :

MSVOA_W

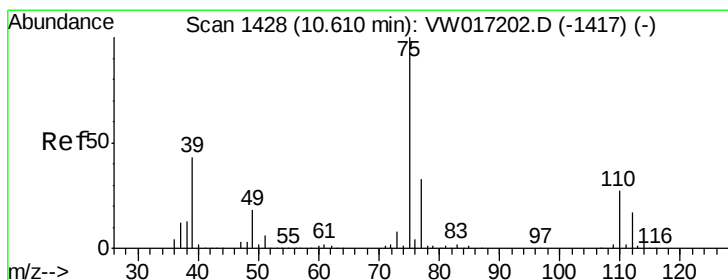
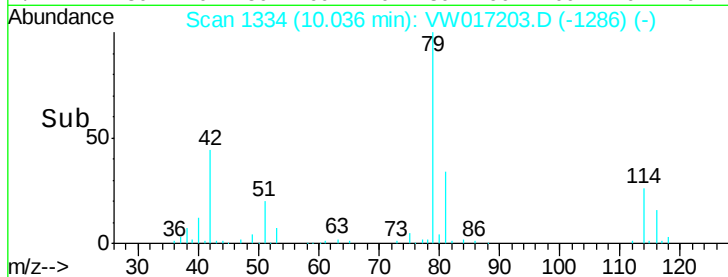
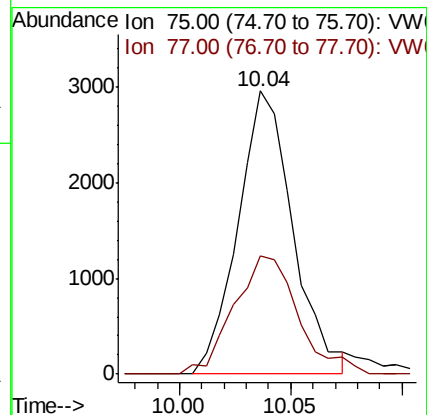
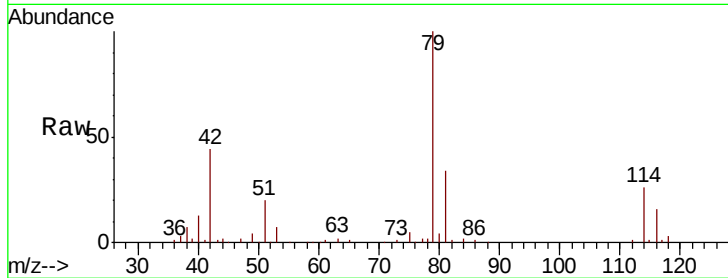
ClientSampleId :

Tot Ion: 75 Resp: 5085

Ion Ratio Lower Upper

75 100

77 41.7 22.0 41.0#



#45

trans-1,3-Dichloropropene

Concen: 0.512 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017203.D

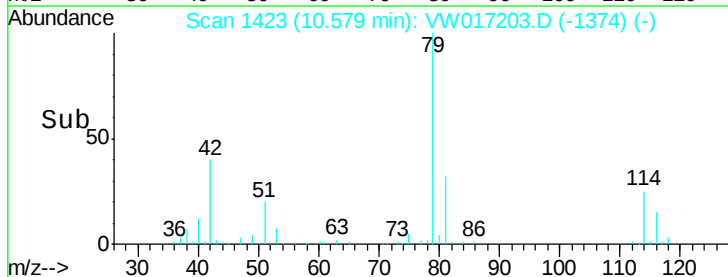
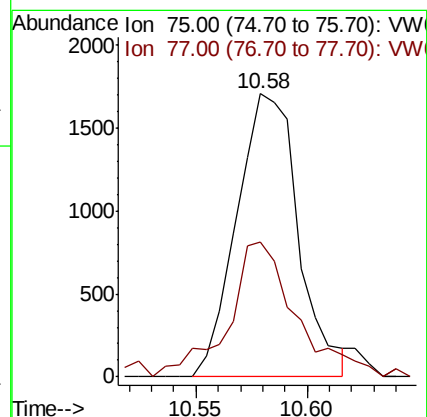
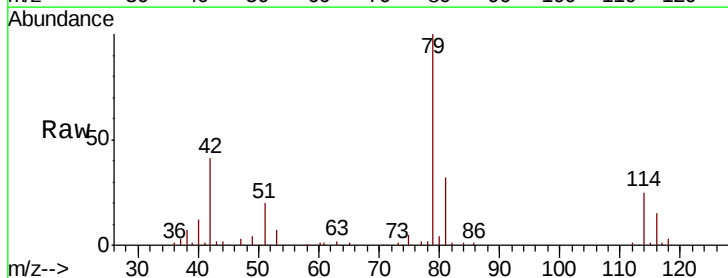
Acq: 13 Nov 2020 11:01

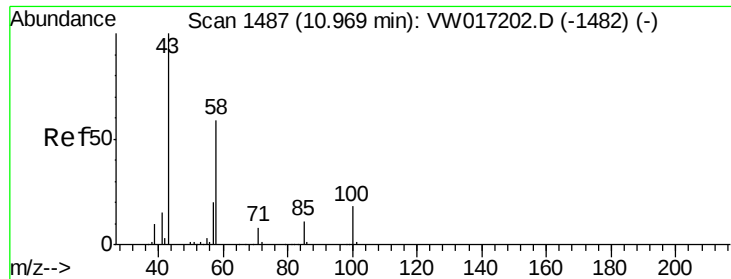
Tgt Ion: 75 Resp: 3289

Ion Ratio Lower Upper

75 100

77 47.7 22.1 41.1#

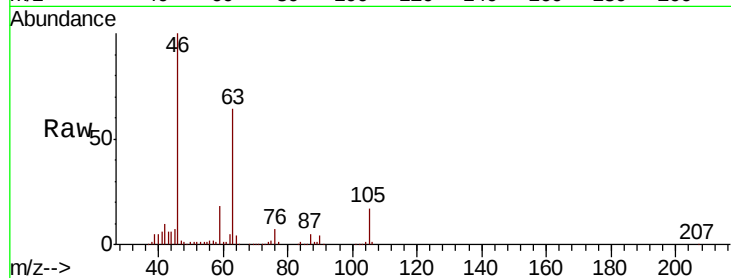




#49
 2-Hexanone
 Concen: 3.223 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW017203.D
 Acq: 13 Nov 2020 11:01

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 43 Resp: 5661
 Ion Ratio Lower Upper
 43 100
 58 25.7 50.6 75.8#
 57 27.4 17.8 26.6#
 100 0.0 13.9 20.9#



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW
 Ion 57.00 (56.70 to 57.70): VW
 Ion 100.00 (99.70 to 100.70): VW

