

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110620\
 Data File : VW017105.D
 Acq On : 06 Nov 2020 17:01
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 04:34:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 07 04:26:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	451105	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	424037	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	194630	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	133680	23.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.12%
7) Chloroethane-d5	2.90	69	104651	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.60%
10) 1,1-Dichloroethene-d2	4.03	63	173193	17.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.16%
20) 2-Butanone-d5	7.09	46	49632	39.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.12%
24) Chloroform-d	7.65	84	247081	23.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.84%
26) 1,2-Dichloroethane-d4	8.31	65	123209	23.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.12%
29) Benzene-d6	8.28	84	497573	23.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.16%
33) 1,2-Dichloropropane-d6	9.28	67	136661	22.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.52%
37) Toluene-d8	10.33	98	456238	22.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.64%
38) trans-1,3-Dichloropropene-	10.58	79	54800	20.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.40%
39) 2-Hexanone-d5	10.93	63	39012	37.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111146	21.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	165799	24.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.72%

Target Compounds

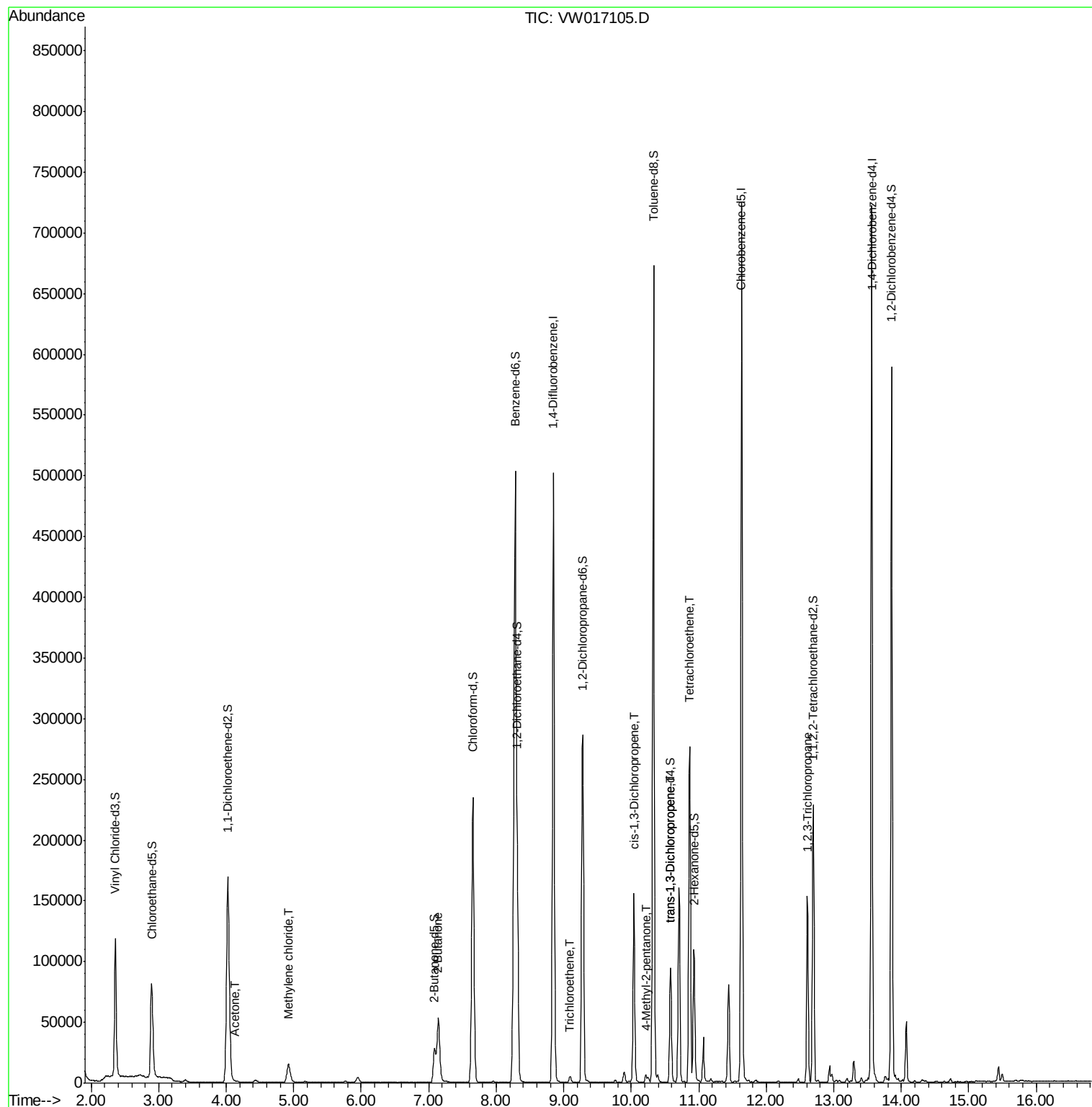
					Ovalue
13) Acetone	4.13	43	664	0.780 ug/L	95
16) Methylene chloride	4.92	84	13385	2.201 ug/L	96
21) 2-Butanone	7.13	43	1099	0.804 ug/L #	59
35) Trichloroethene	9.10	95	1494	0.240 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	4348	0.527 ug/L #	77
43) 4-Methyl-2-pentanone	10.21	43	4738	1.475 ug/L	96
45) trans-1,3-Dichloropropene	10.58	75	2741	0.387 ug/L	87
47) Tetrachloroethene	10.87	164	67647	12.021 ug/L	95
59) 1,2,3-Trichloropropane	12.61	75	1270	0.341 ug/L	97

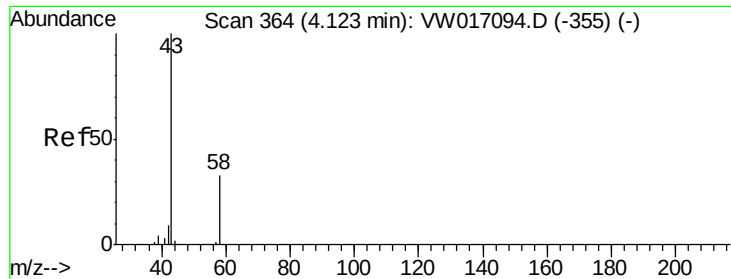
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Nov 07 04:26:24 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.780 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017105.D

Acq: 06 Nov 2020 17:01

Instrument :

MSVOA_W

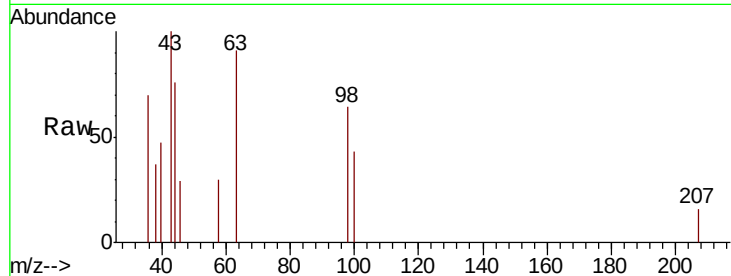
ClientSampled :

Tot Ion: 43 Resp: 664

Ion Ratio Lower Upper

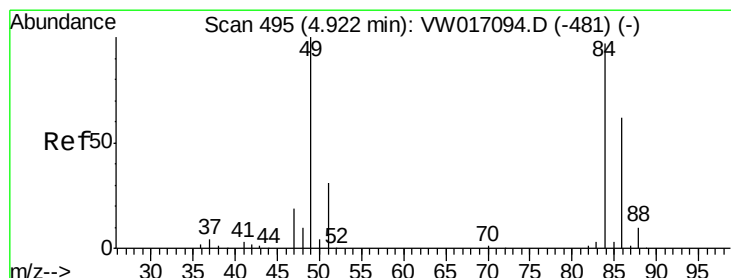
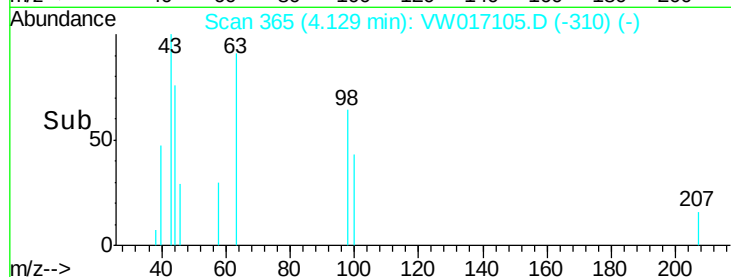
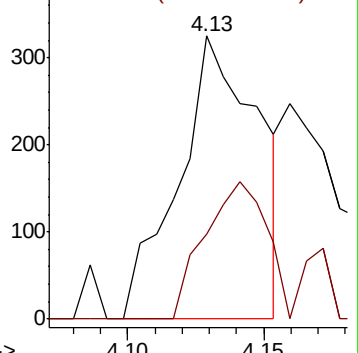
43 100

58 37.7 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.201 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW017105.D

Acq: 06 Nov 2020 17:01

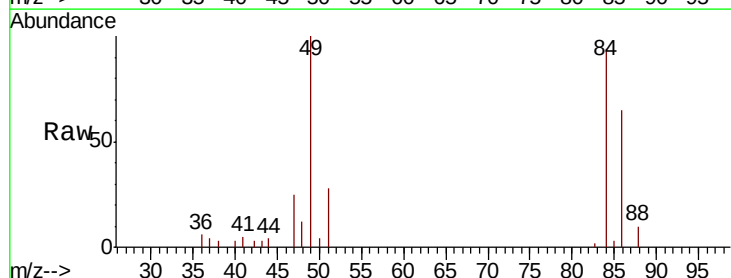
Tgt Ion: 84 Resp: 13385

Ion Ratio Lower Upper

84 100

49 106.5 72.3 134.3

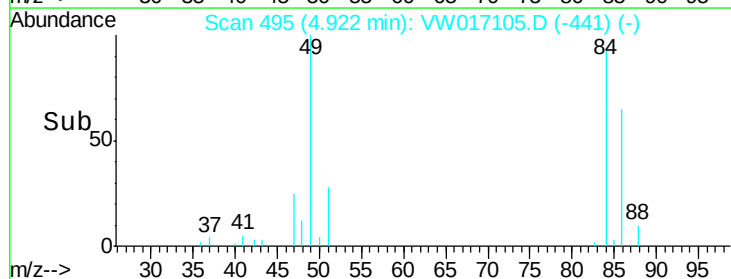
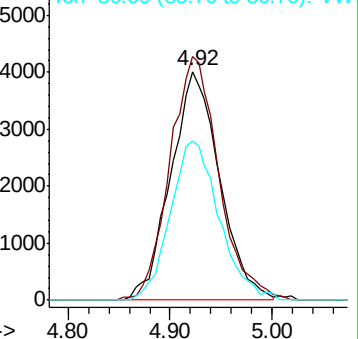
86 69.6 45.1 83.7

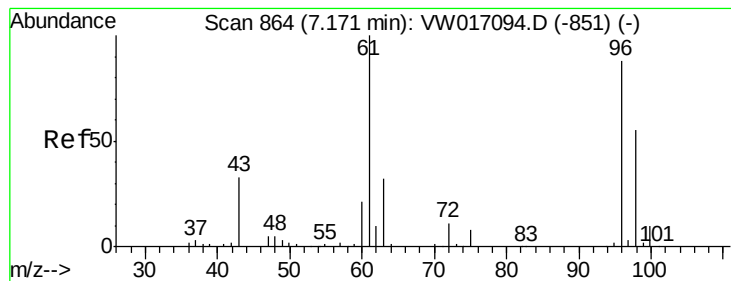


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 0.804 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW017105.D

Acq: 06 Nov 2020 17:01

Instrument :

MSVOA_W

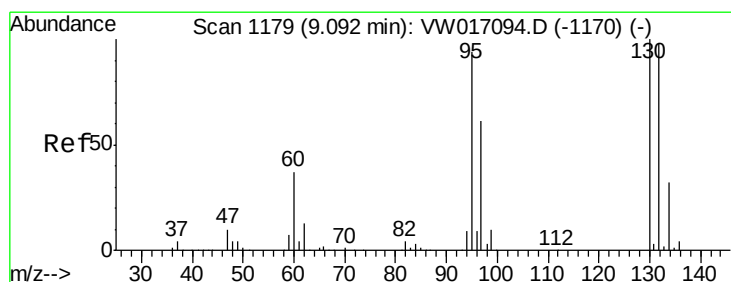
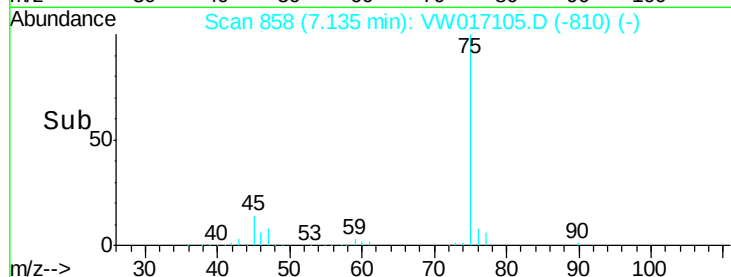
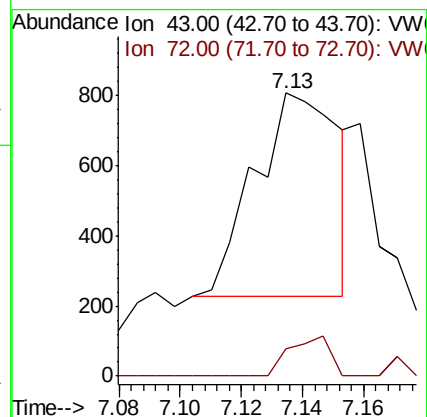
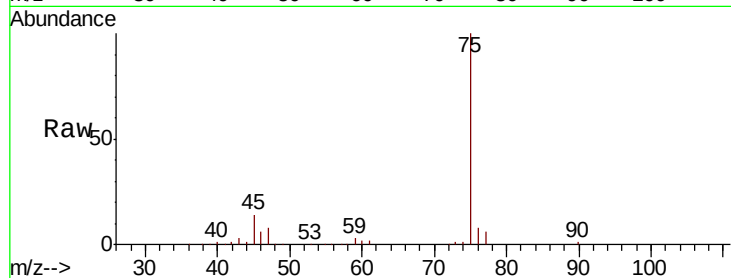
ClientSampled :

Tot Ion: 43 Resp: 1099

Ion Ratio Lower Upper

43 100

72 9.6 16.1 48.3#



#35

Trichloroethene

Concen: 0.240 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW017105.D

Acq: 06 Nov 2020 17:01

Tgt Ion: 95 Resp: 1494

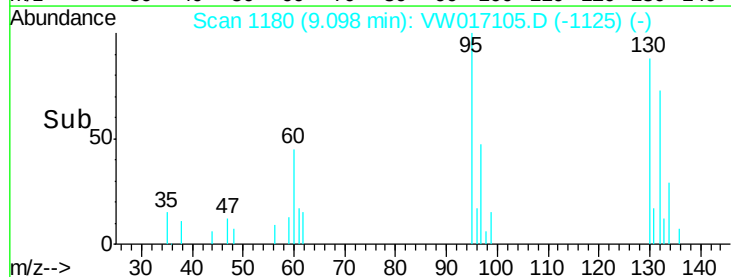
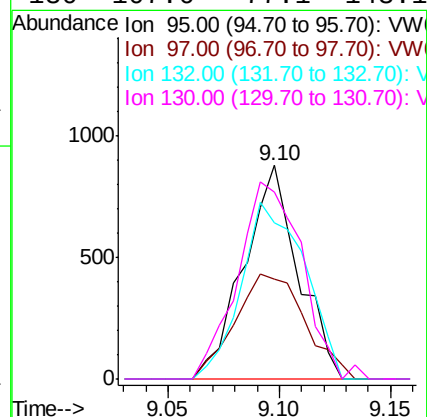
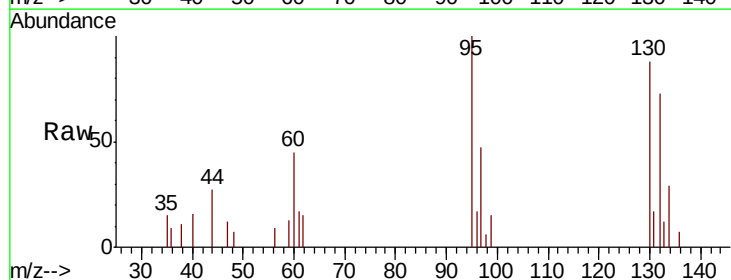
Ion Ratio Lower Upper

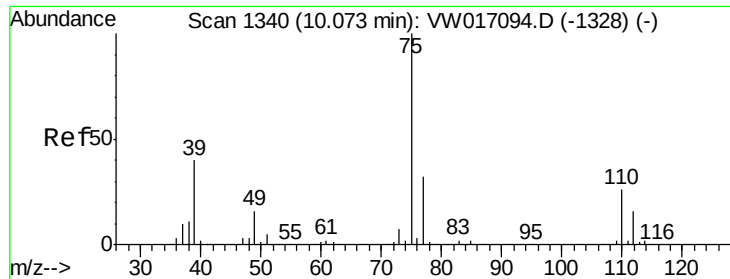
95 100

97 63.1 45.0 83.6

132 96.7 73.7 136.9

130 107.6 77.1 143.1





#42

cis-1,3-Dichloropropene

Concen: 0.527 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017105.D

Acq: 06 Nov 2020 17:01

Instrument :

MSVOA_W

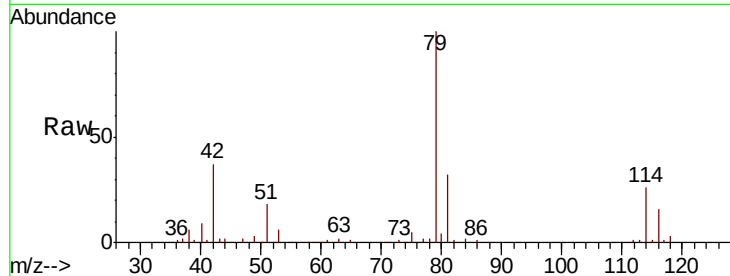
ClientSampled :

Tot Ion: 75 Resp: 4348

Ion Ratio Lower Upper

75 100

77 44.3 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.04

2500

2000

1500

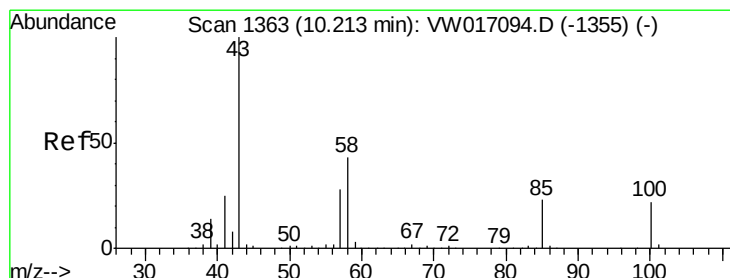
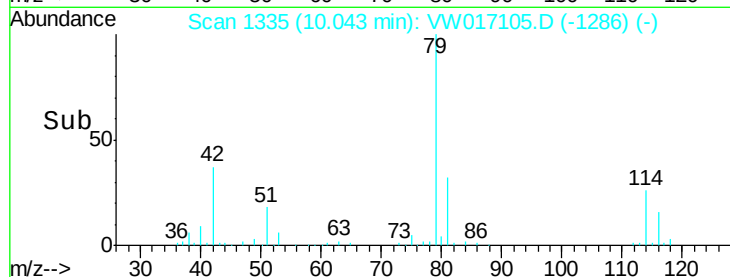
1000

500

0

Time-->

10.00 10.05 10.10



#43

4-Methyl-2-pentanone

Concen: 1.475 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017105.D

Acq: 06 Nov 2020 17:01

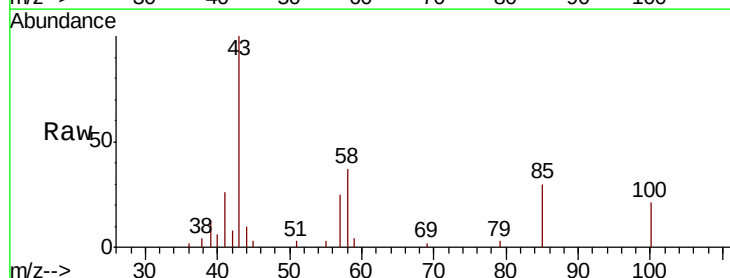
Tgt Ion: 43 Resp: 4738

Ion Ratio Lower Upper

43 100

58 40.6 35.0 52.6

100 19.1 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW

200000

150000

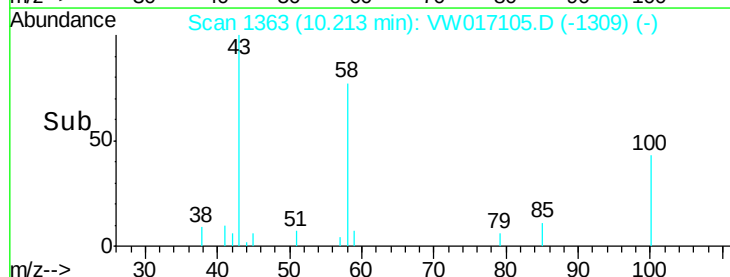
100000

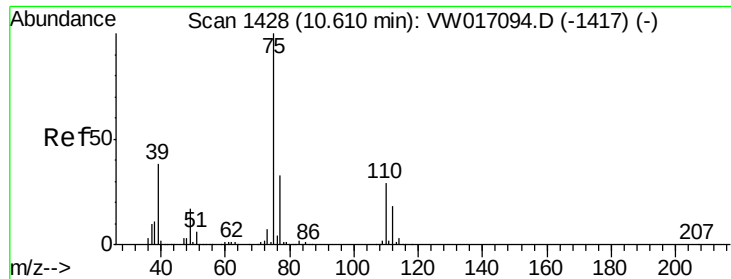
50000

0

Time-->

10.15 10.20 10.25 10.30





#45

trans-1,3-Dichloropropene

Concen: 0.387 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017105.D

Acq: 06 Nov 2020 17:01

Instrument :

MSVOA_W

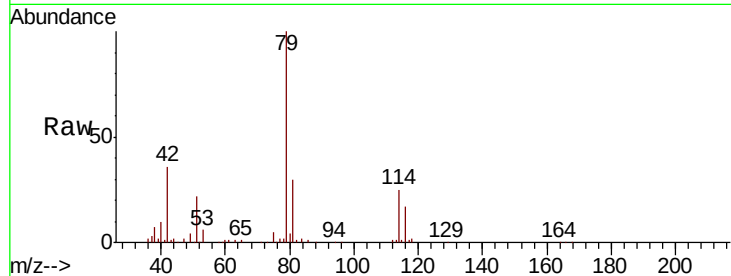
ClientSampleId :

Tot Ion: 75 Resp: 2741

Ion Ratio Lower Upper

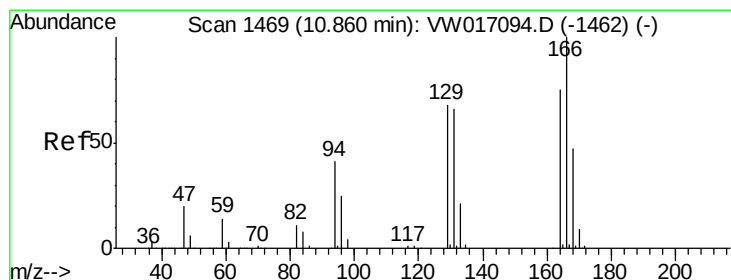
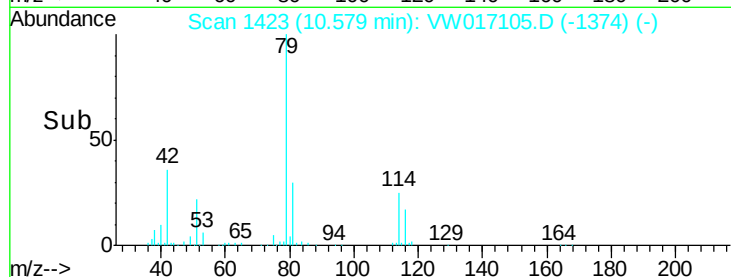
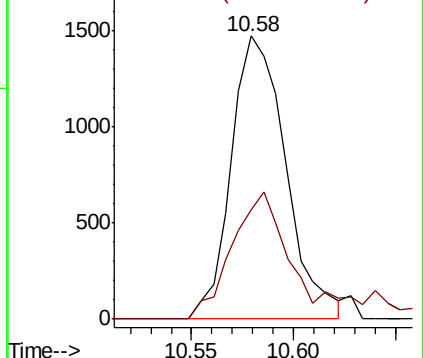
75 100

77 38.6 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#47

Tetrachloroethene

Concen: 12.021 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW017105.D

Acq: 06 Nov 2020 17:01

Tgt Ion: 164 Resp: 67647

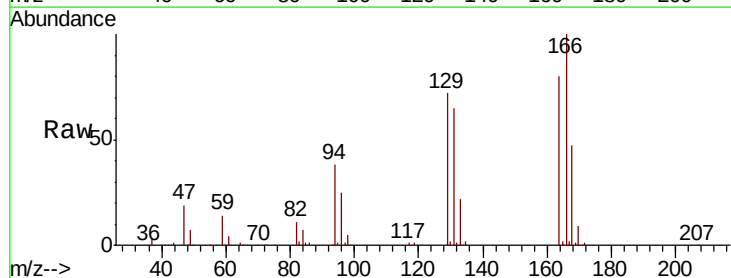
Ion Ratio Lower Upper

164 100

129 90.0 62.9 116.7

131 81.4 63.3 117.5

166 124.9 92.0 170.8

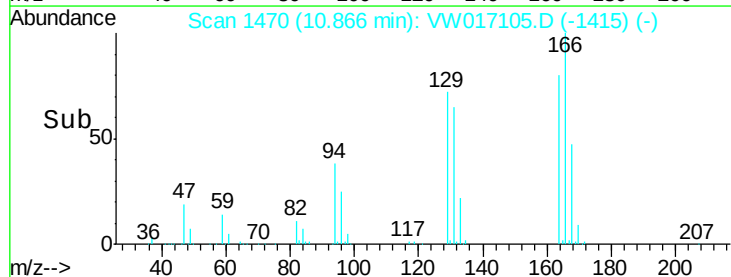
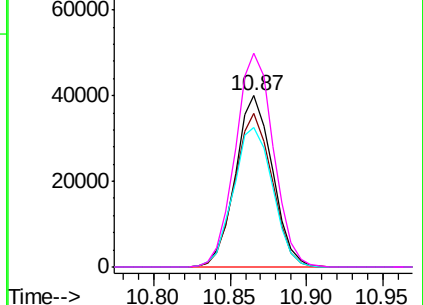


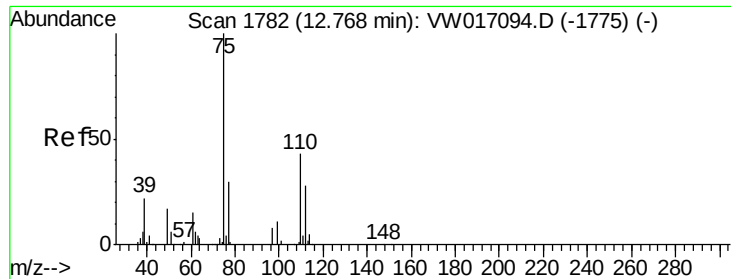
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#59

1,2,3-Trichloropropane

Concen: 0.341 ug/L

RT: 12.61 min Scan# 1756

Delta R.T. -0.16 min

Lab File: VW017105.D

Acq: 06 Nov 2020 17:01

Instrument :

MSVOA_W

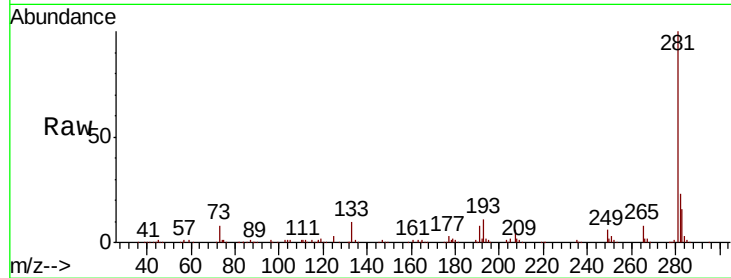
ClientSampleId :

Tot Ion: 75 Resp: 1270

Ion Ratio Lower Upper

75 100

77 31.1 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

12.61

800

600

400

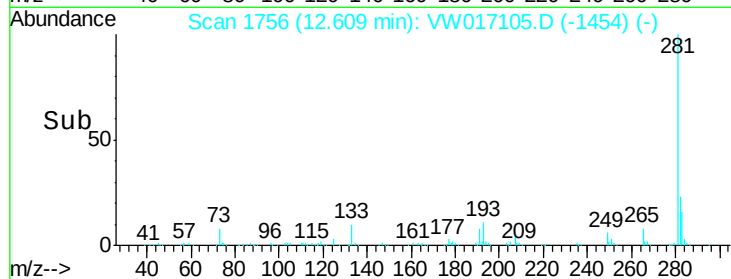
200

0

12.55

12.60

12.65



Time-->