

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110220\
 Data File : VW017048.D
 Acq On : 02 Nov 2020 15:21
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK25

Quant Time: Nov 03 04:57:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 03 04:48:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	426431	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	389474	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	189145	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	98557	20.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.12%
7) Chloroethane-d5	2.90	69	84693	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.84%
10) 1,1-Dichloroethene-d2	4.02	63	154502	16.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.56%
20) 2-Butanone-d5	7.08	46	55004	59.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.66%
24) Chloroform-d	7.65	84	236177	24.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	8.31	65	116028	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.24%
29) Benzene-d6	8.28	84	473679	23.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.72%
33) 1,2-Dichloropropane-d6	9.28	67	137660	25.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.96%
37) Toluene-d8	10.33	98	449306	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.40%
38) trans-1,3-Dichloropropene-	10.58	79	53585	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.52%
39) 2-Hexanone-d5	10.93	63	44871	59.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112899	27.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	172469	25.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.76%

Target Compounds

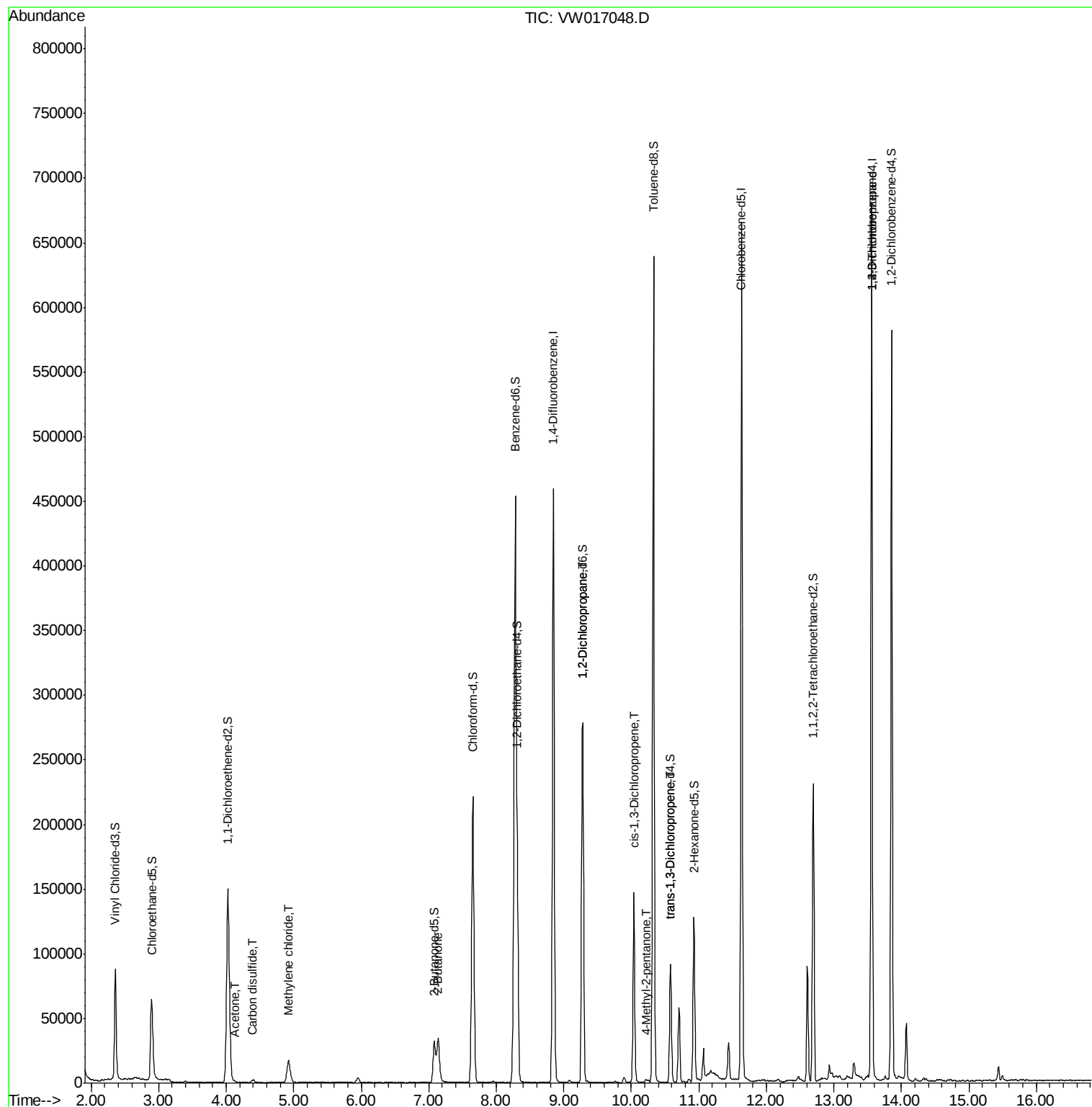
					Ovalue
13) Acetone	4.14	43	565	0.906 ug/L	74
14) Carbon disulfide	4.39	76	3813	0.225 ug/L	97
16) Methylene chloride	4.93	84	15701	2.785 ug/L	94
21) 2-Butanone	7.13	43	1567	1.501 ug/L #	61
40) 1,2-Dichloropropane	9.27	63	14708	3.061 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3746	0.499 ug/L	85
43) 4-Methyl-2-pentanone	10.22	43	1925	0.845 ug/L #	88
45) trans-1,3-Dichloropropene	10.59	75	2389	0.384 ug/L	88
59) 1,2,3-Trichloropropane	13.56	75	19621	6.642 ug/L	92

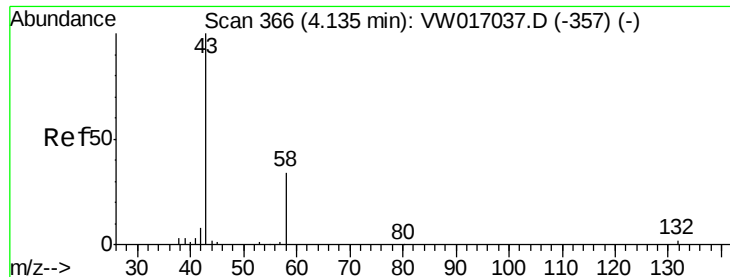
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 0.906 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW017048.D

Acq: 02 Nov 2020 15:21

Instrument :

MSVOA_W

ClientSampled :

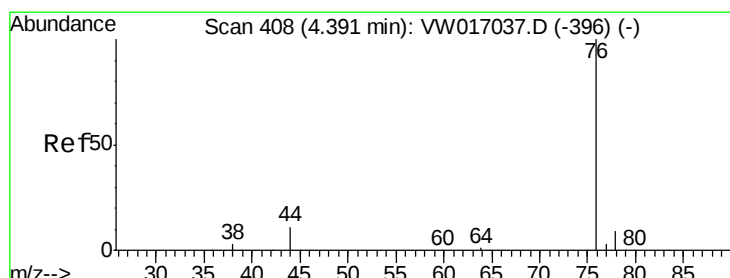
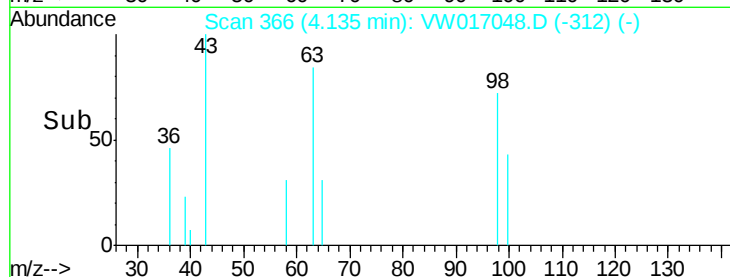
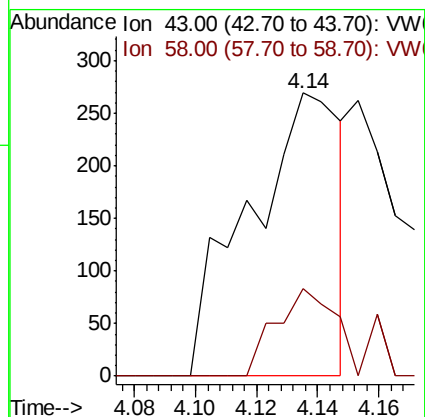
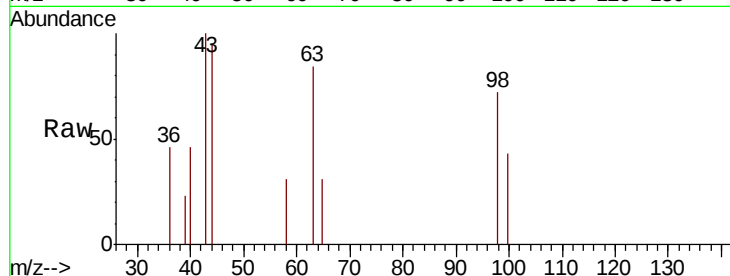
VIBLK25

Tot Ion: 43 Resp: 565

Ion Ratio Lower Upper

43 100

58 20.0 0.0 69.8



#14

Carbon disulfide

Concen: 0.225 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW017048.D

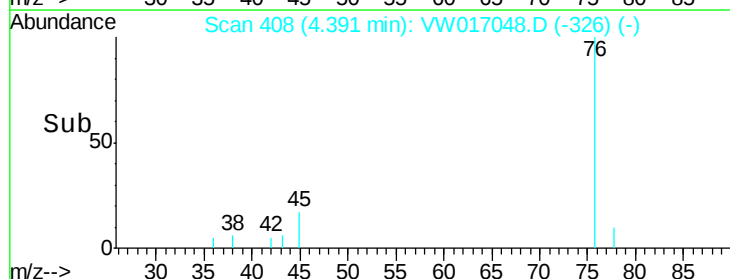
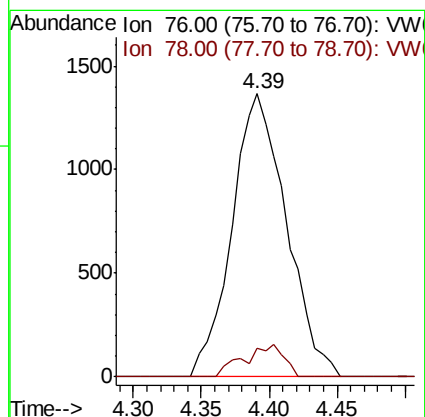
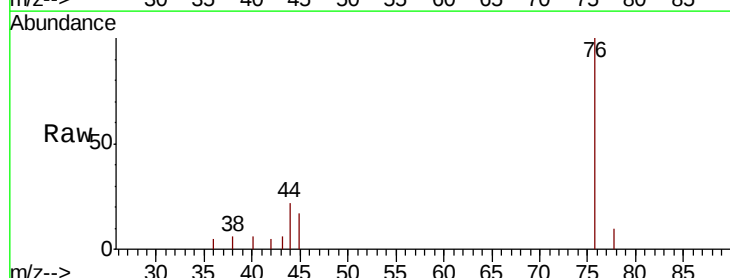
Acq: 02 Nov 2020 15:21

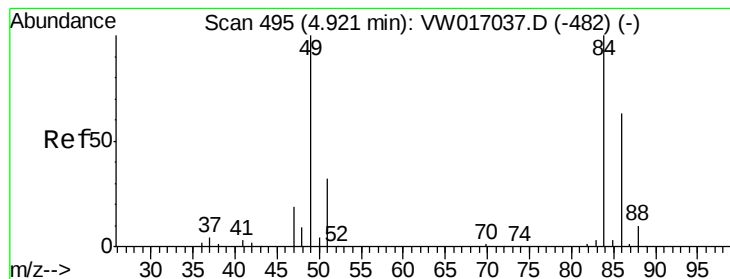
Tgt Ion: 76 Resp: 3813

Ion Ratio Lower Upper

76 100

78 10.1 7.3 10.9





#16

Methylene chloride

Concen: 2.785 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017048.D

Acq: 02 Nov 2020 15:21

Instrument :

MSVOA_W

ClientSampleId :

VIBLK25

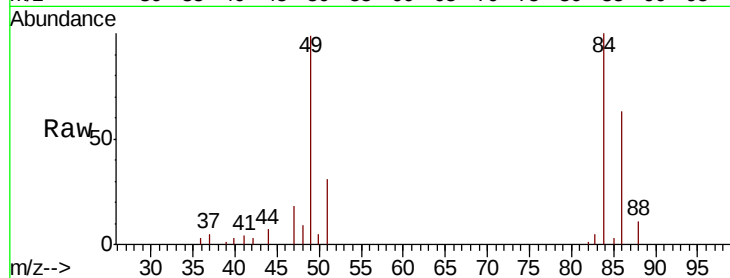
Tot Ion: 84 Resp: 15701

Ion Ratio Lower Upper

84 100

49 99.3 73.8 137.0

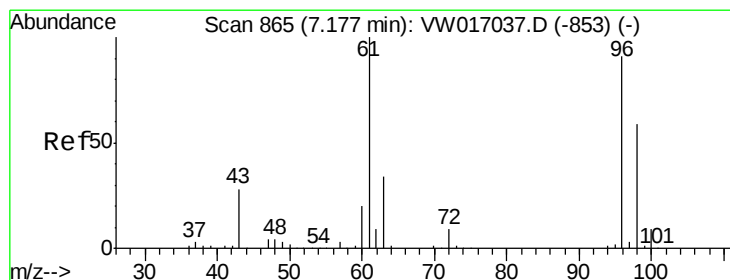
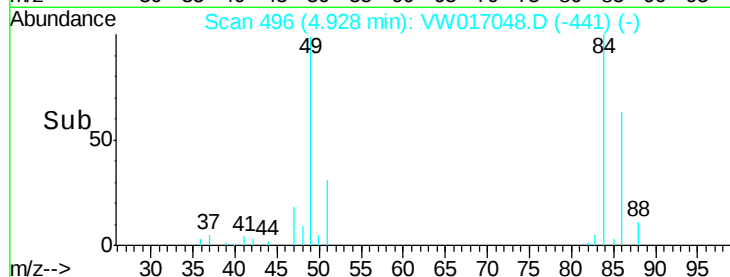
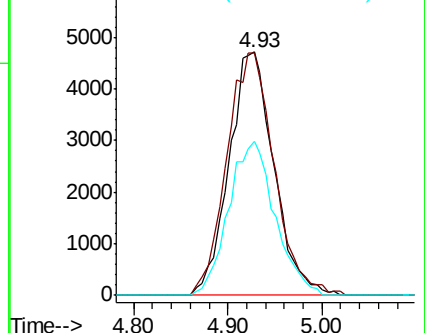
86 63.1 47.4 88.0



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: 1.501 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW017048.D

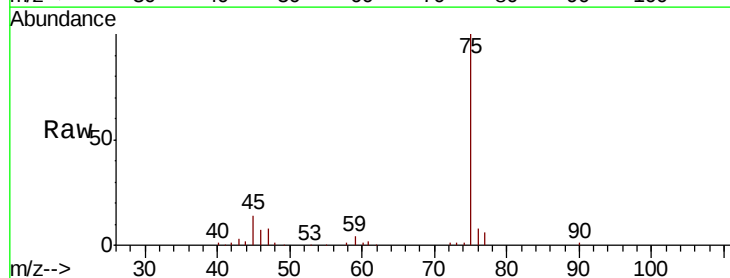
Acq: 02 Nov 2020 15:21

Tgt Ion: 43 Resp: 1567

Ion Ratio Lower Upper

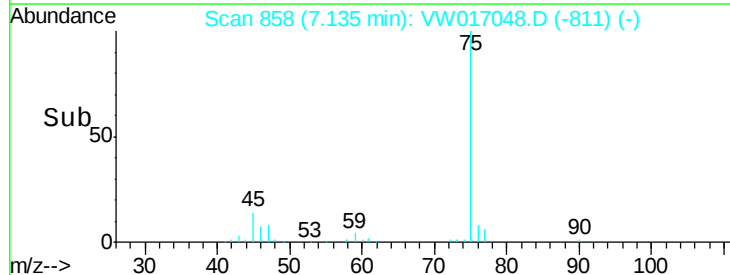
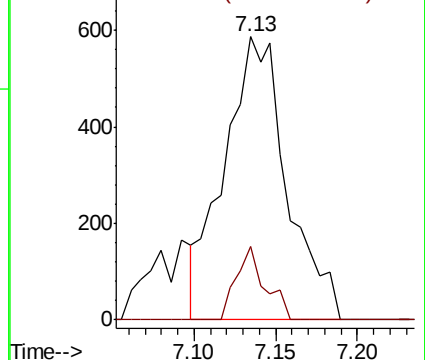
43 100

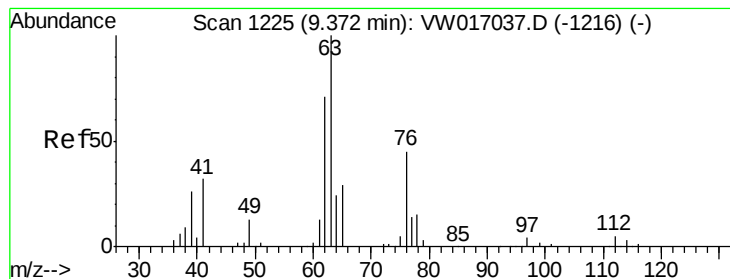
72 10.3 16.1 48.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#40

1,2-Dichloropropane

Concen: 3.061 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017048.D

Acq: 02 Nov 2020 15:21

Instrument :

MSVOA_W

ClientSampleId :

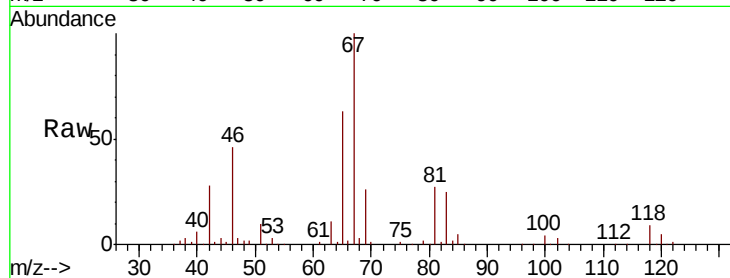
VIBLK25

Tot Ion: 63 Resp: 14708

Ion Ratio Lower Upper

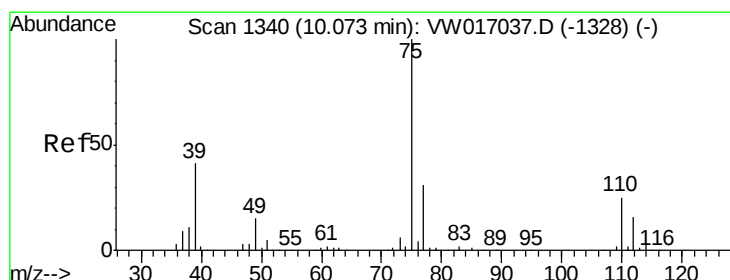
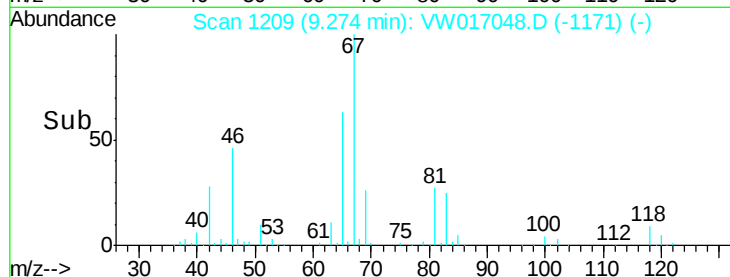
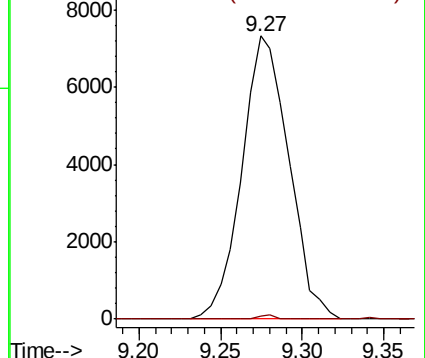
63 100

112 0.4 4.5 6.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.499 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017048.D

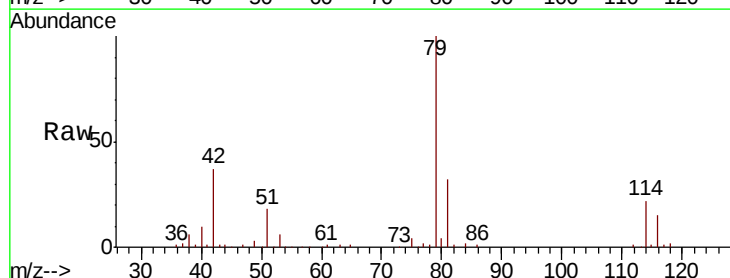
Acq: 02 Nov 2020 15:21

Tgt Ion: 75 Resp: 3746

Ion Ratio Lower Upper

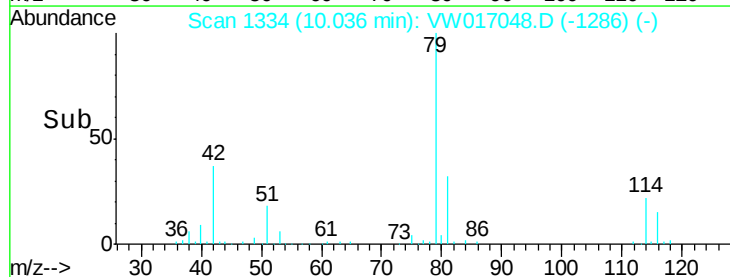
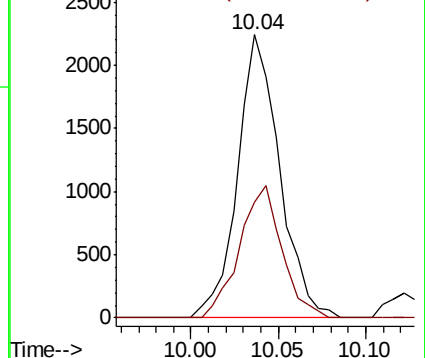
75 100

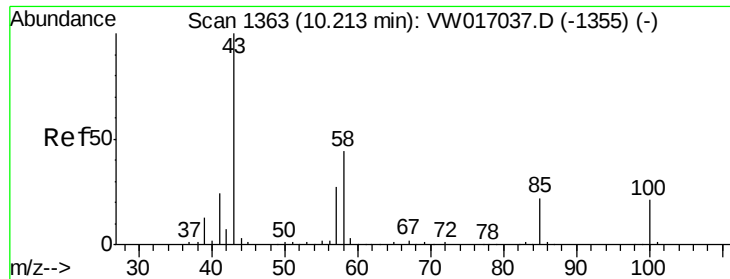
77 41.0 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#43

4-Methyl-2-pentanone

Concen: 0.845 ug/L

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW017048.D

Acq: 02 Nov 2020 15:21

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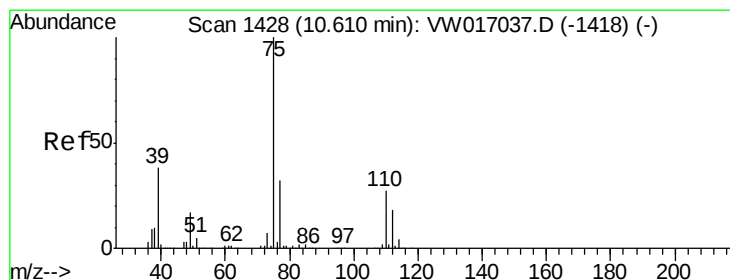
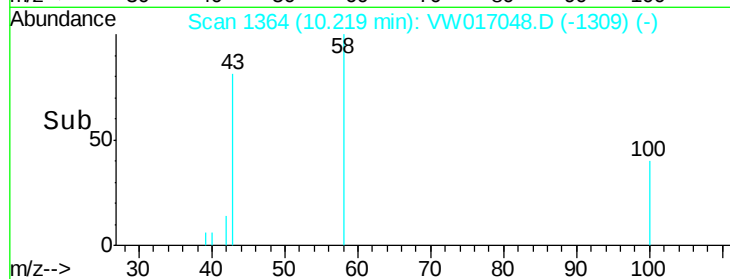
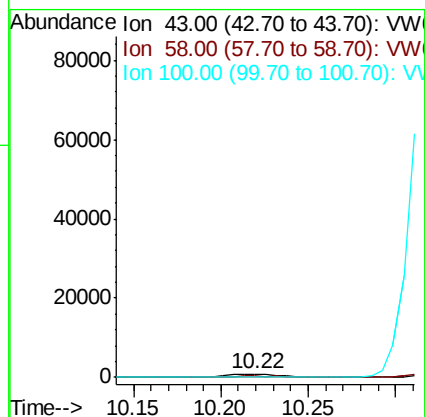
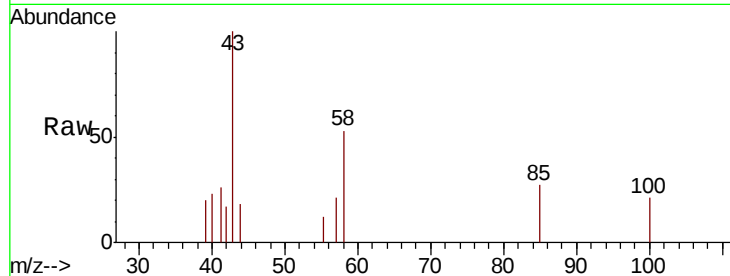
Tot Ion: 43 Resp: 1925

Ion Ratio Lower Upper

43 100

58 35.3 34.4 51.6

100 15.3 16.2 24.2#



#45

trans-1,3-Dichloropropene

Concen: 0.384 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017048.D

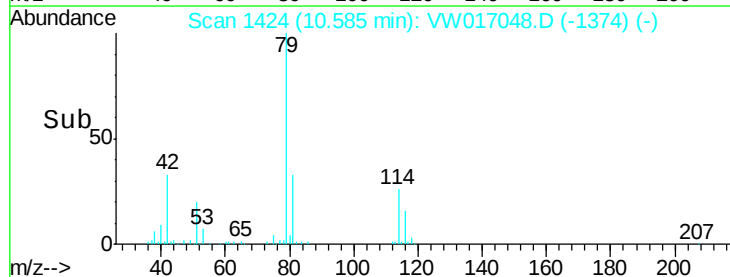
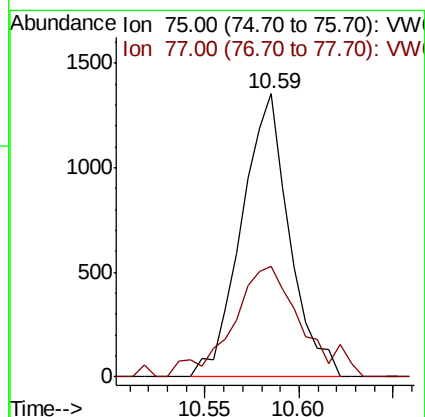
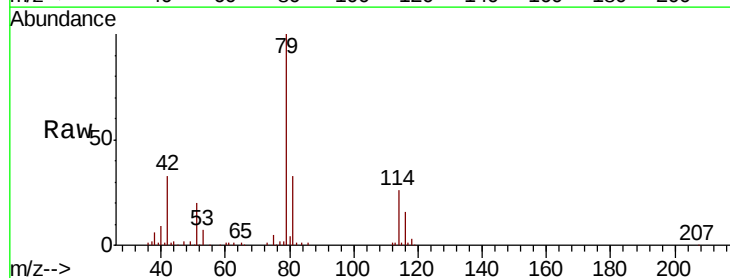
Acq: 02 Nov 2020 15:21

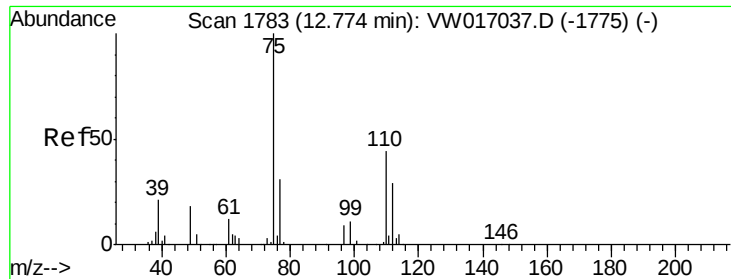
Tgt Ion: 75 Resp: 2389

Ion Ratio Lower Upper

75 100

77 39.1 22.7 42.3





#59

1,2,3-Trichloropropane

Concen: 6.642 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017048.D

Acq: 02 Nov 2020 15:21

Instrument :

MSVOA_W

ClientSampleId :

VIBLK25

Tot Ion: 75 Resp: 19621

Ion Ratio Lower Upper

75 100

77 36.6 25.8 38.8

