

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122420\
 Data File : VW017752.D
 Acq On : 24 Dec 2020 21:54
 Operator : SY/VA
 Sample : L5173-13
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 07:50:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 07:46:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	334819	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	325355	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	158258	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	126824	24.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.92%
7) Chloroethane-d5	2.89	69	110020	25.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.92%
10) 1,1-Dichloroethene-d2	4.02	63	166913	18.49	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.96%
20) 2-Butanone-d5	7.07	46	55336	65.90	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.80%
24) Chloroform-d	7.65	84	214961	24.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.28%
26) 1,2-Dichloroethane-d4	8.30	65	123735	27.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.28%
29) Benzene-d6	8.27	84	440813	24.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.20%
33) 1,2-Dichloropropane-d6	9.27	67	127845	25.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.24%
37) Toluene-d8	10.32	98	430238	24.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.76%
38) trans-1,3-Dichloropropene-	10.58	79	54448	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.72%
39) 2-Hexanone-d5	10.93	63	40932	64.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106387	28.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	140851	25.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.24%

Target Compounds

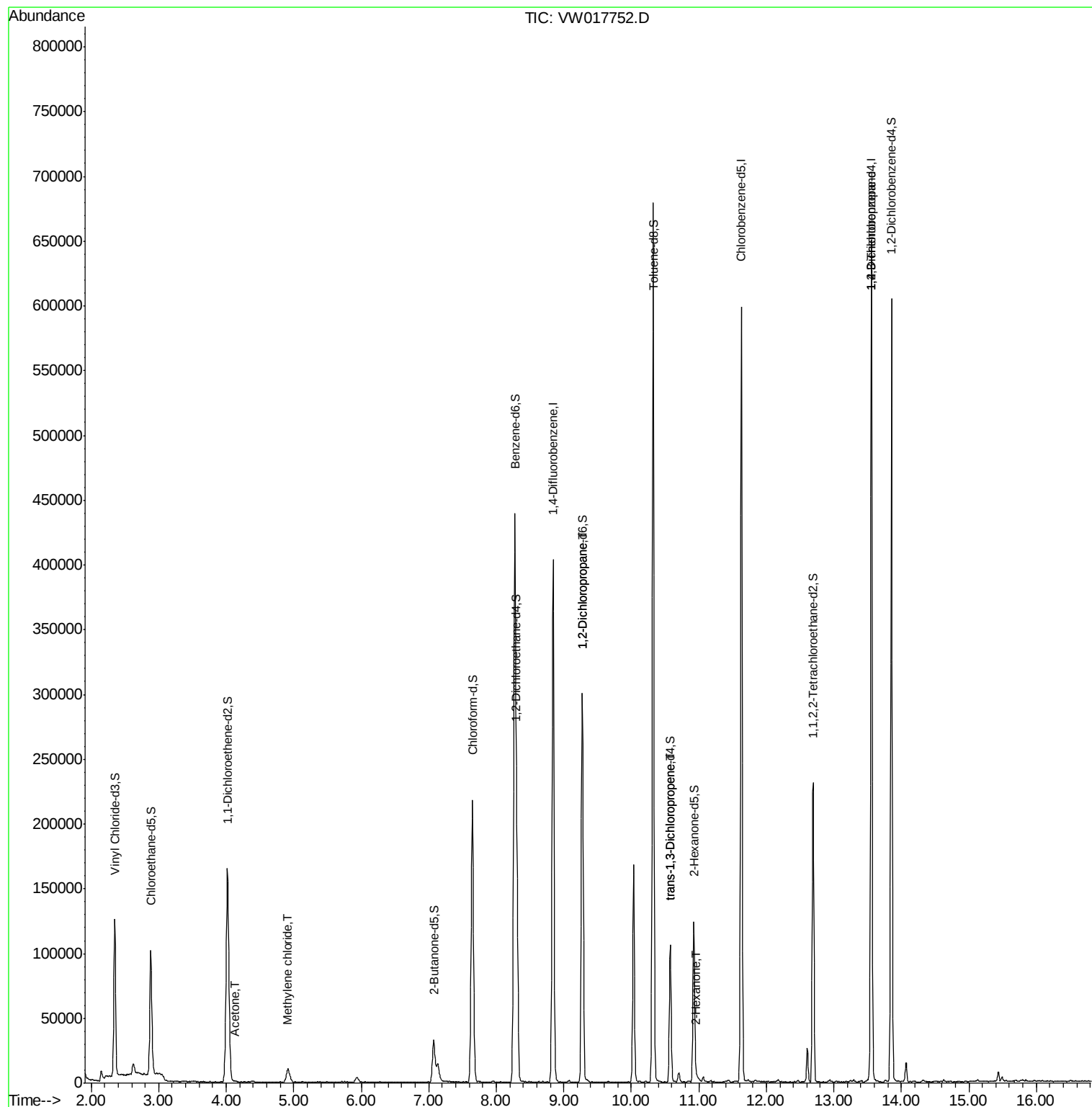
					Ovalue
13) Acetone	4.12	43	421	0.581 ug/L	92
16) Methylene chloride	4.90	84	3351	0.700 ug/L	92
40) 1,2-Dichloropropane	9.27	63	16228	3.695 ug/L #	87
45) trans-1,3-Dichloropropene	10.58	75	3182	0.533 ug/L	86
49) 2-Hexanone	10.96	43	1453	0.960 ug/L #	81
59) 1,2,3-Trichloropropane	13.55	75	22584	8.432 ug/L	91

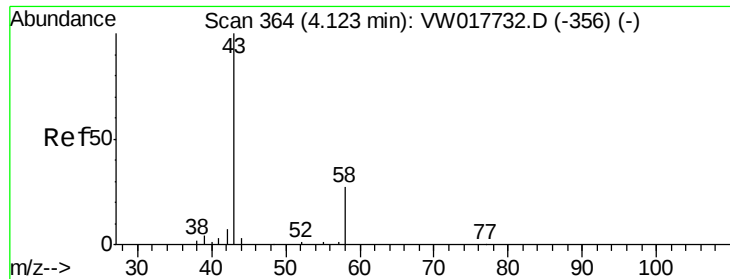
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 0.581 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW017752.D

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Instrument :

MSVOA_W

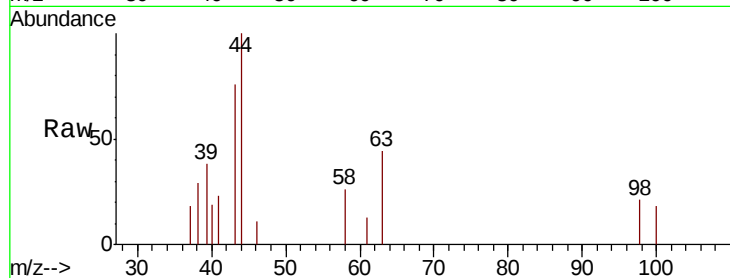
ClientSampleId :

Tot Ion: 43 Resp: 421

Ion Ratio Lower Upper

43 100

58 34.9 0.0 60.8

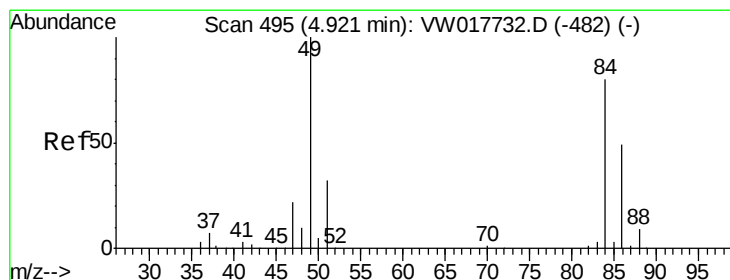
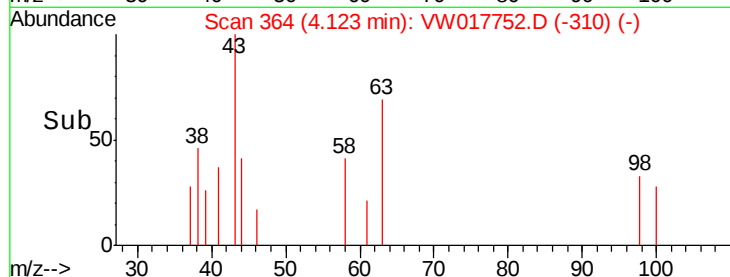
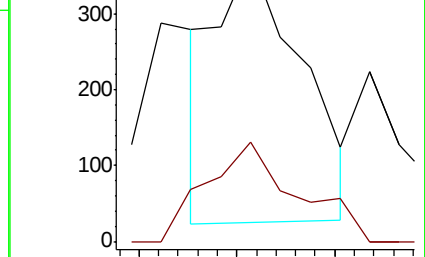


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4.14



#16

Methylene chloride

Concen: 0.700 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW017752.D

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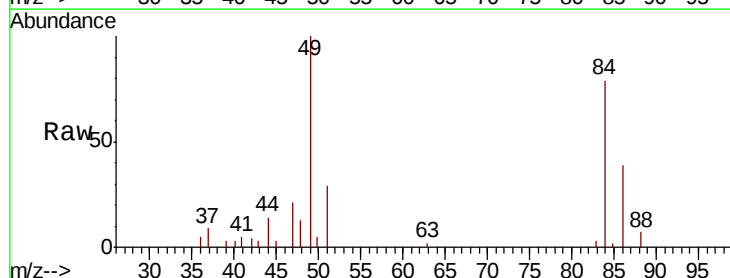
Tgt Ion: 84 Resp: 3351

Ion Ratio Lower Upper

84 100

49 126.3 90.5 168.1

86 49.5 44.8 83.2

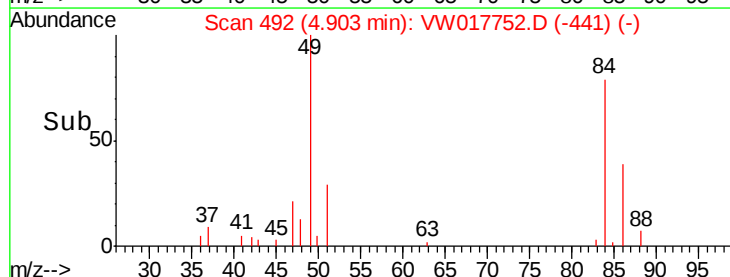
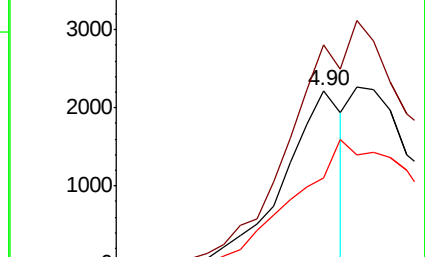


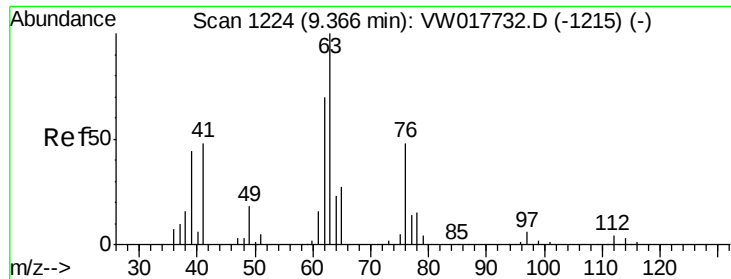
Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

4.90

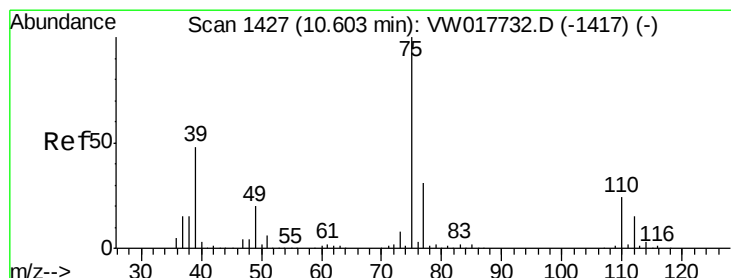
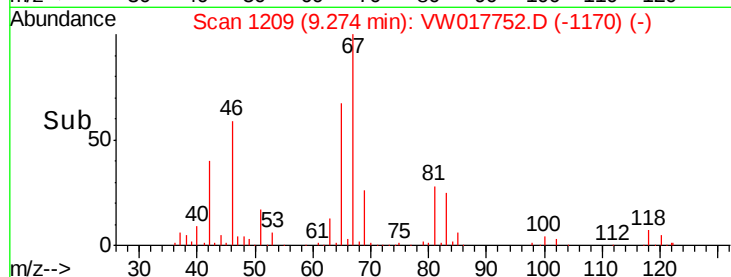
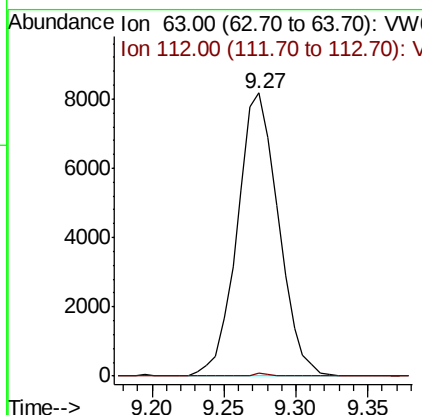
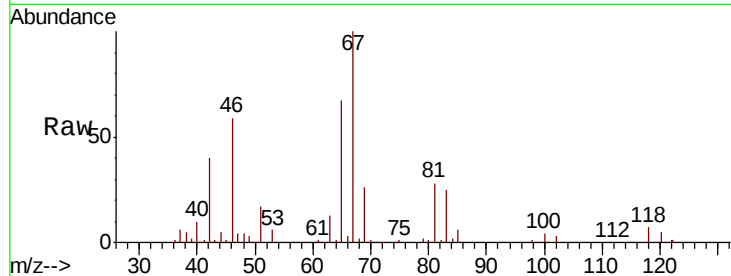




#40
 1,2-Dichloropropane
 Concen: 3.695 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW017752.D
 Acq: 24 Dec 2020 21:54

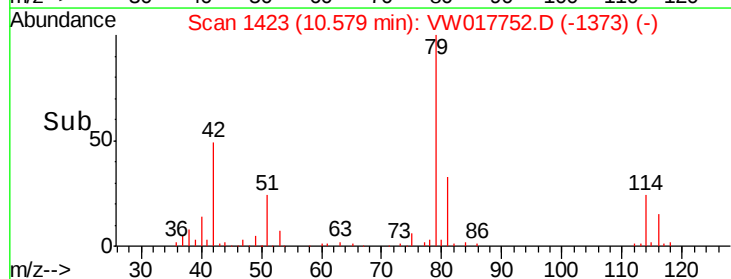
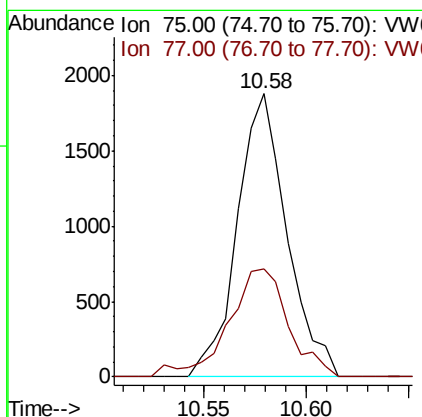
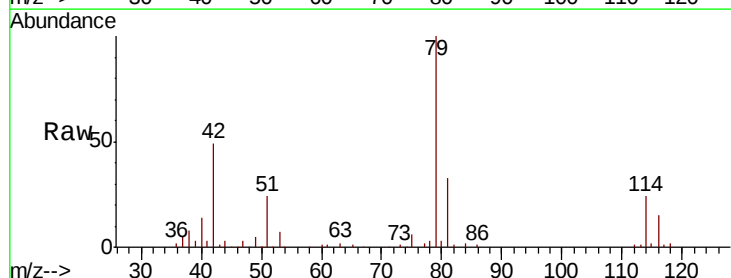
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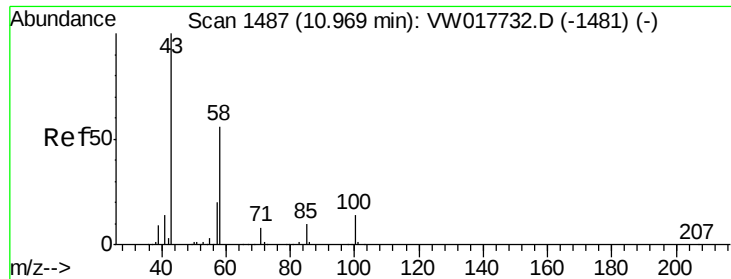
Tot Ion: 63 Resp: 16228
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.6 5.4#



#45
 trans-1,3-Dichloropropene
 Concen: 0.533 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: VW017752.D
 Acq: 24 Dec 2020 21:54

Tgt Ion: 75 Resp: 3182
 Ion Ratio Lower Upper
 75 100
 77 38.3 21.6 40.0





#49

2-Hexanone

Concen: 0.960 ug/L

RT: 10.96 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VW017752.D

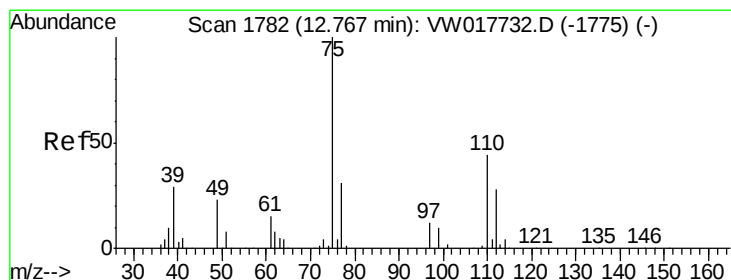
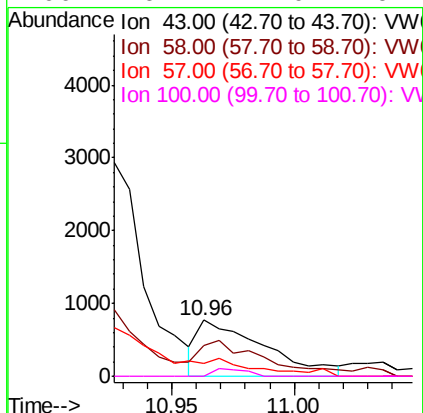
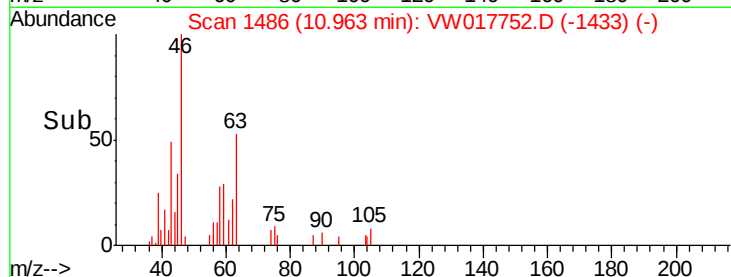
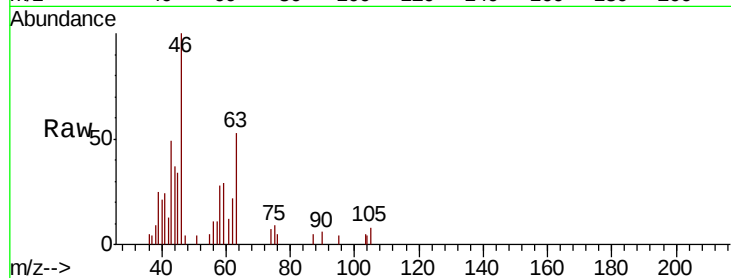
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Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	43	Resp:	1453
Ion	Ratio	Lower	Upper
43	100		
58	62.8	44.2	66.4
57	0.0	16.1	24.1#
100	6.7	11.0	16.4#



#59

1,2,3-Trichloropropane

Concen: 8.432 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017752.D

Acq: 24 Dec 2020 21:54

Tgt Ion:	75	Resp:	22584
Ion	Ratio	Lower	Upper
75	100		
77	36.7	25.4	38.0

