

Data File : VW015010.D
Acq On : 19 Feb 2020 16:37
Operator : SY/VA
Sample : L1584-03
Misc : 3.79G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COAMO

Quant Time: Feb 20 03:34:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 20 03:31:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	646159	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	583924	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	173448	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	157623	14.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.96%
7) Chloroethane-d5	2.89	69	210505	24.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.32%
10) 1,1-Dichloroethene-d2	4.01	63	318534	16.30	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.20%
20) 2-Butanone-d5	7.07	46	157622	52.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.00%
24) Chloroform-d	7.65	84	502821	27.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.64%
26) 1,2-Dichloroethane-d4	8.31	65	314718	31.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	124.00%
29) Benzene-d6	8.27	84	943951	25.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.56%
33) 1,2-Dichloropropane-d6	9.27	67	351796	28.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.00%
37) Toluene-d8	10.32	98	748001	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.52%
38) trans-1,3-Dichloropropene-	10.58	79	98992	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.96%
39) 2-Hexanone-d5	10.92	63	103427	46.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	264318	28.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	170899	25.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.64%

Target Compounds

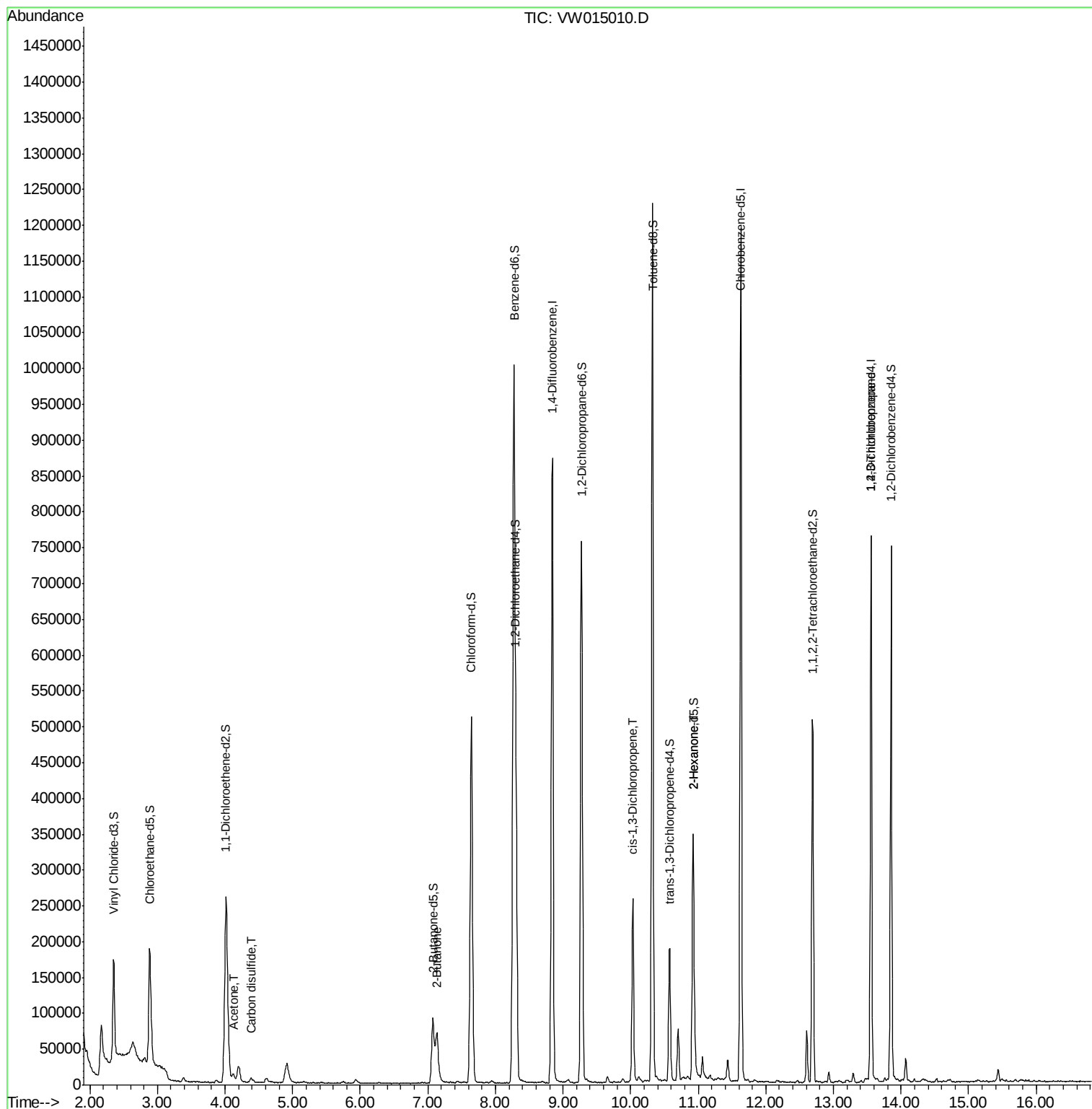
					Qvalue
13) Acetone	4.12	43	17439	5.628 ug/L	95
14) Carbon disulfide	4.39	76	10673	0.388 ug/L #	95
21) 2-Butanone	7.13	43	8512	2.346 ug/L #	56
42) cis-1,3-Dichloropropene	10.03	75	6920	0.454 ug/L #	59
49) 2-Hexanone	10.93	43	14420	2.914 ug/L #	71
59) 1,2,3-Trichloropropane	13.55	75	26995	4.064 ug/L	90

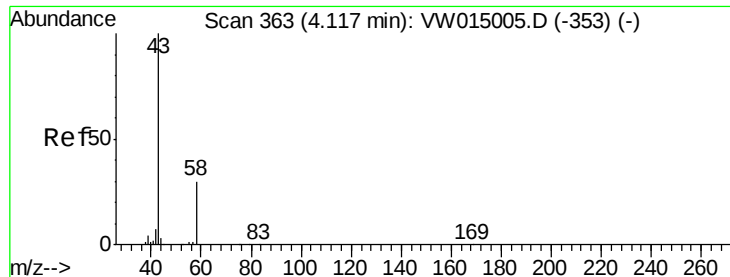
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.628 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

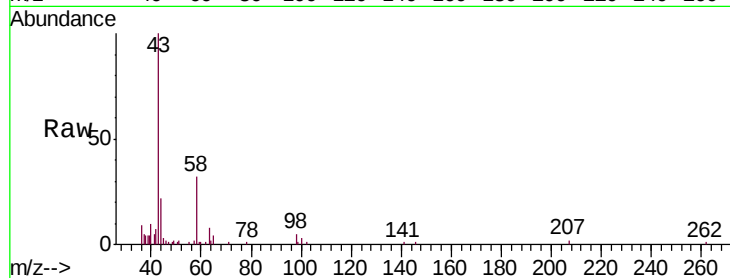
COAMO

Tgt Ion: 43 Resp: 17439

Ion Ratio Lower Upper

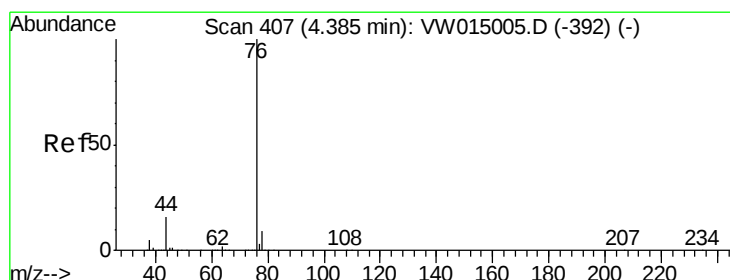
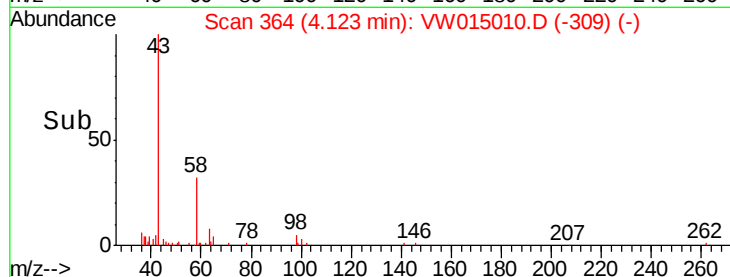
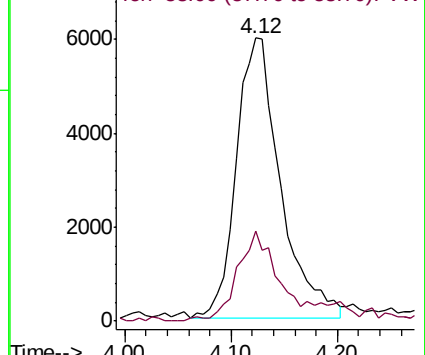
43 100

58 27.7 0.0 60.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.388 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW015010.D

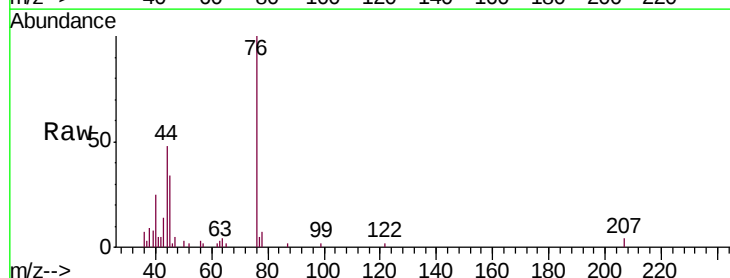
Acq: 19 Feb 2020 16:37

Tgt Ion: 76 Resp: 10673

Ion Ratio Lower Upper

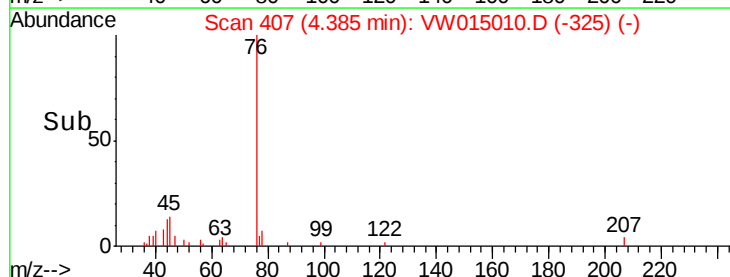
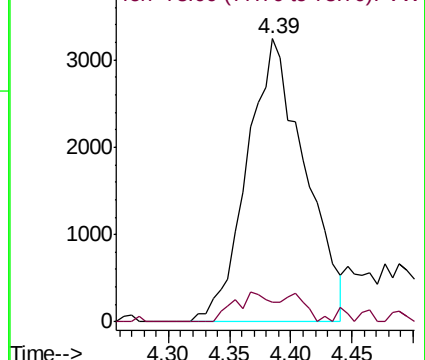
76 100

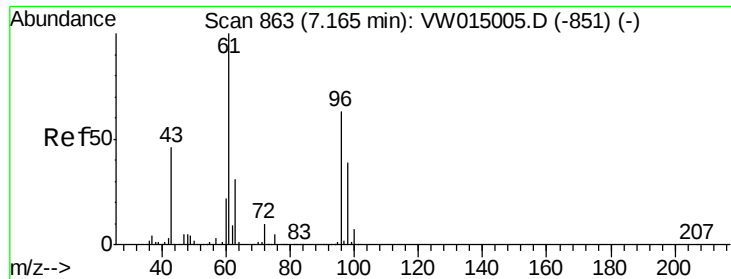
78 6.9 7.0 10.6#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#21

2-Butanone

Concen: 2.346 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

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ClientSampleId :

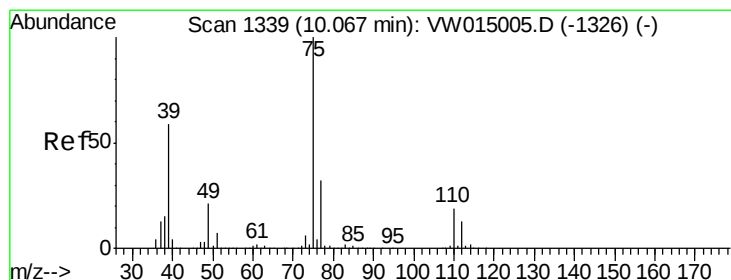
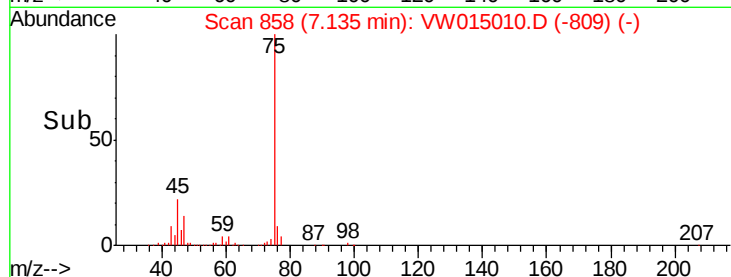
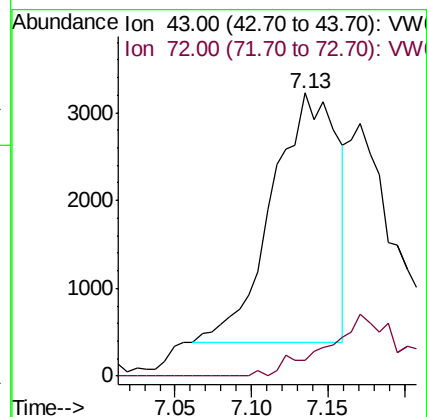
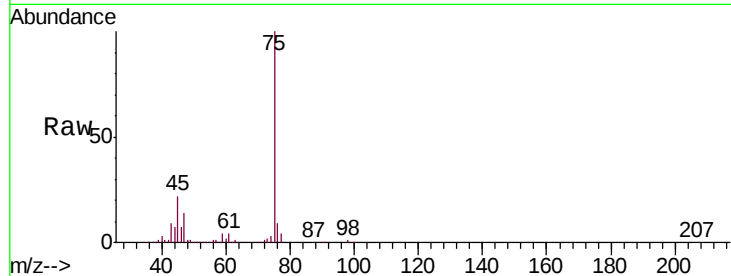
COAM0

Tgt Ion: 43 Resp: 8512

Ion Ratio Lower Upper

43 100

72 2.1 11.9 35.5#



#42

cis-1,3-Dichloropropene

Concen: 0.454 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW015010.D

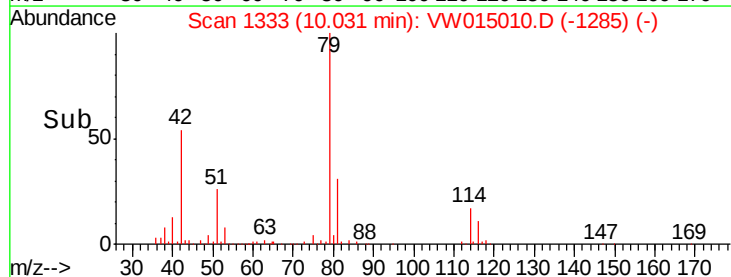
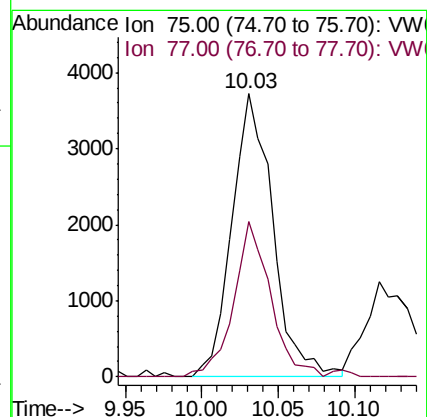
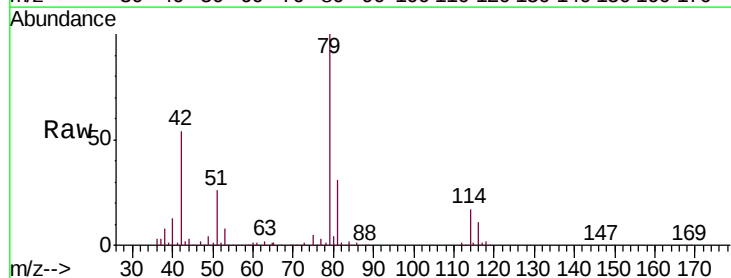
Acq: 19 Feb 2020 16:37

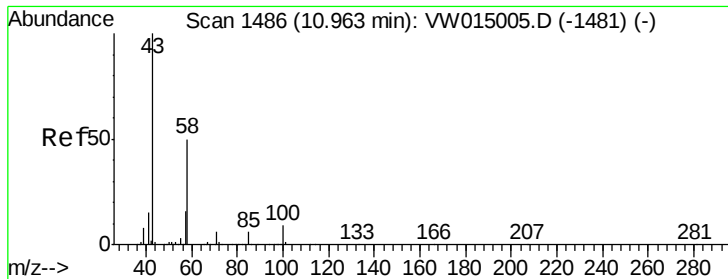
Tgt Ion: 75 Resp: 6920

Ion Ratio Lower Upper

75 100

77 55.1 22.5 41.9#





#49

2-Hexanone

Concen: 2.914 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015010.D

Acq: 19 Feb 2020 16:37

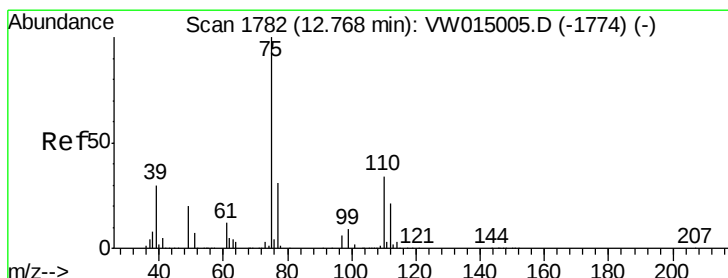
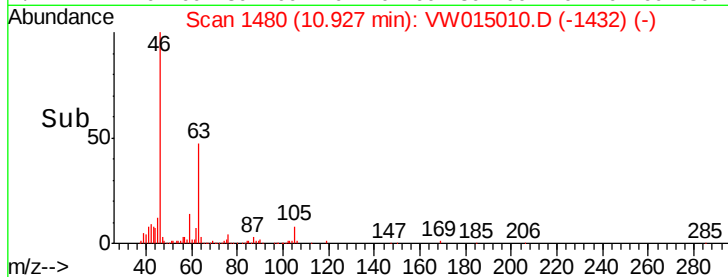
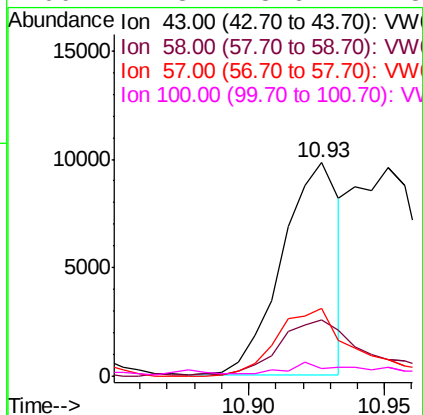
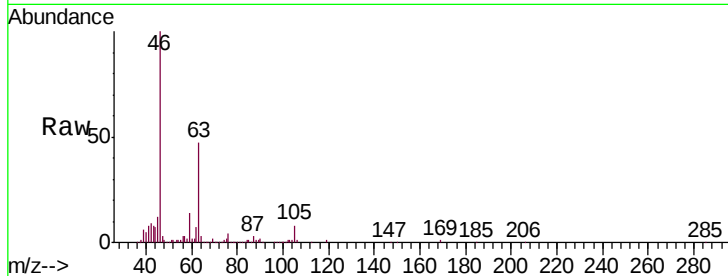
Instrument :

MSVOA_W

ClientSampleId :

COAMO

Tgt Ion:	43	Resp:	14420
Ion	Ratio	Lower	Upper
43	100		
58	38.3	42.2	63.2#
57	43.6	14.5	21.7#
100	2.3	8.6	12.8#



#59

1,2,3-Trichloropropane

Concen: 4.064 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015010.D

Acq: 19 Feb 2020 16:37

Tgt Ion:	75	Resp:	26995
Ion	Ratio	Lower	Upper
75	100		
77	37.8	25.9	38.9

