

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016711.D
 Acq On : 30 Sep 2020 14:52
 Operator : SY/VA
 Sample : L4144-09
 Misc : 5.76G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AM4

Quant Time: Oct 01 05:07:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 05:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	588992	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	512678	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	220672	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	106491	18.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.72%
7) Chloroethane-d5	2.91	69	99642	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.64%
10) 1,1-Dichloroethene-d2	4.03	63	195062	15.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.20%
20) 2-Butanone-d5	7.09	46	73659	47.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.78%
24) Chloroform-d	7.66	84	320472	26.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.04%
26) 1,2-Dichloroethane-d4	8.31	65	169080	26.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.92%
29) Benzene-d6	8.28	84	590434	25.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.72%
33) 1,2-Dichloropropane-d6	9.28	67	169298	27.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.68%
37) Toluene-d8	10.33	98	556496	24.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.40%
38) trans-1,3-Dichloropropene-	10.58	79	72224	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.96%
39) 2-Hexanone-d5	10.93	63	57129	50.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135620	25.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	187576	26.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.40%

Target Compounds

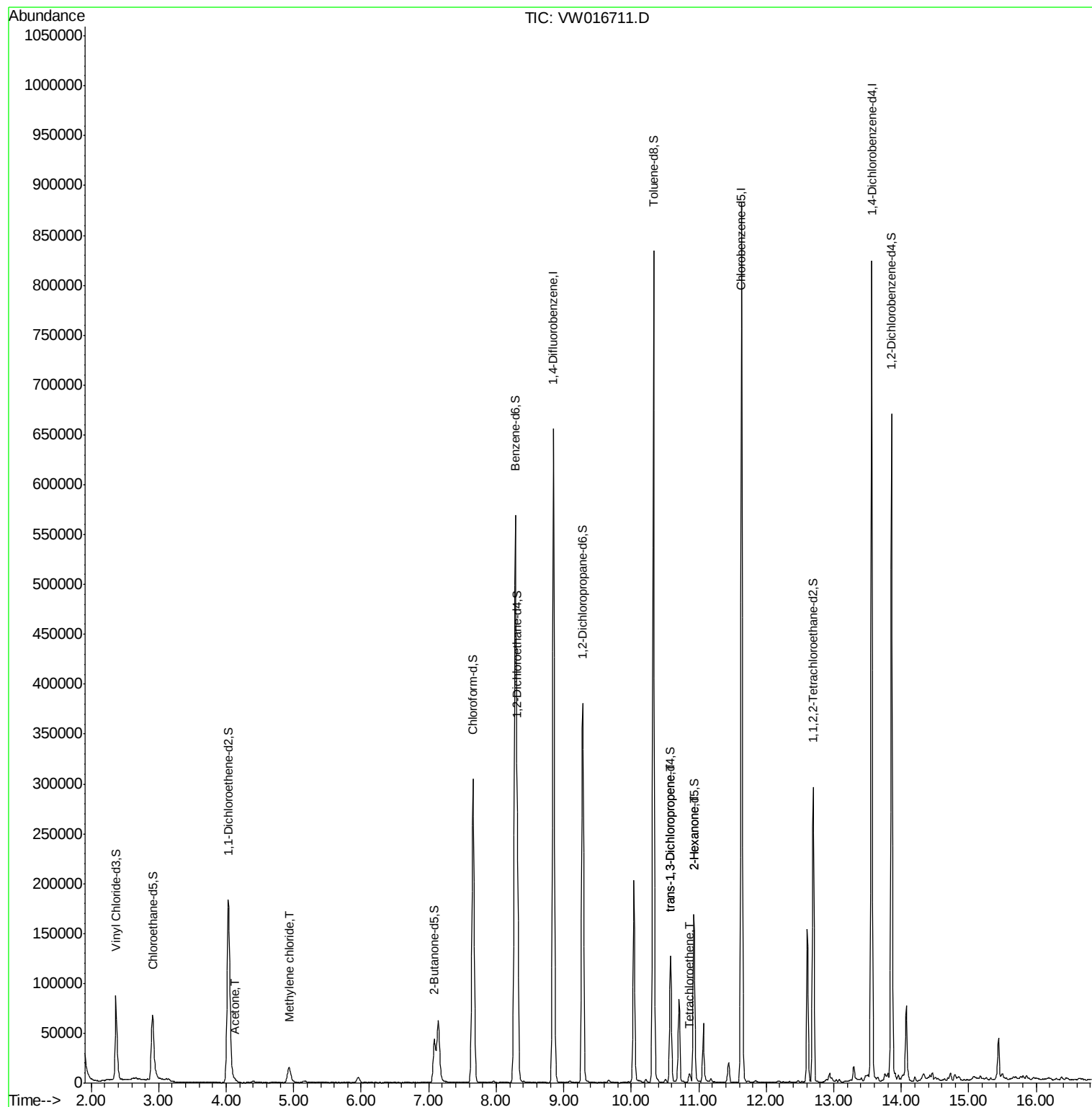
					Ovalue
13) Acetone	4.14	43	3616	2.970 ug/L	99
16) Methylene chloride	4.93	84	13586	1.496 ug/L	95
45) trans-1,3-Dichloropropene	10.59	75	3472	0.366 ug/L #	73
47) Tetrachloroethene	10.87	164	2215	0.309 ug/L	93
49) 2-Hexanone	10.93	43	7549	2.929 ug/L #	69

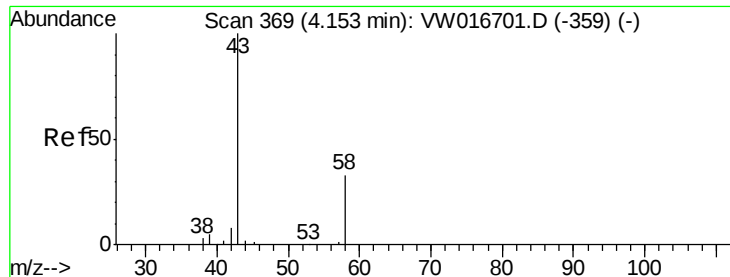
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 01 05:05:13 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.970 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW016711.D

Acq: 30 Sep 2020 14:52

Instrument :

MSVOA_W

ClientSampled :

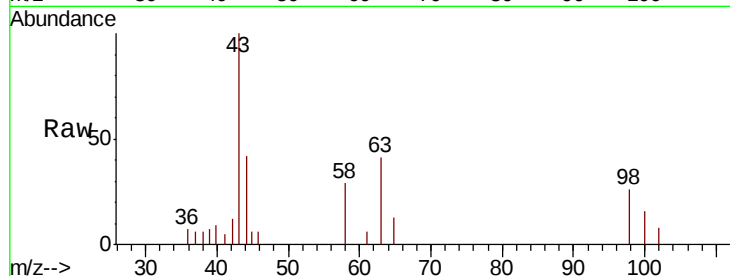
C0AM4

Tot Ion: 43 Resp: 3616

Ion Ratio Lower Upper

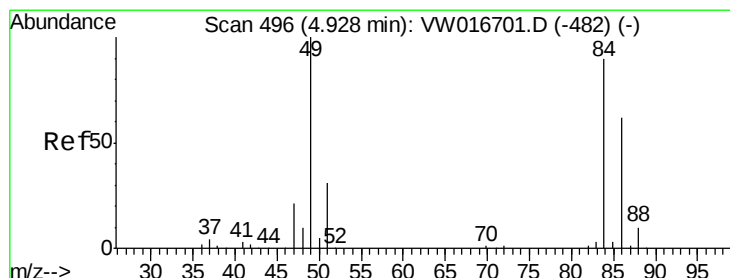
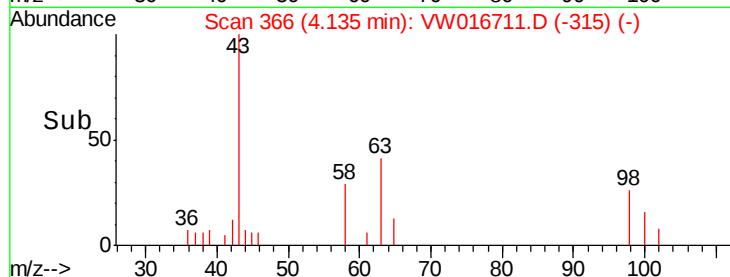
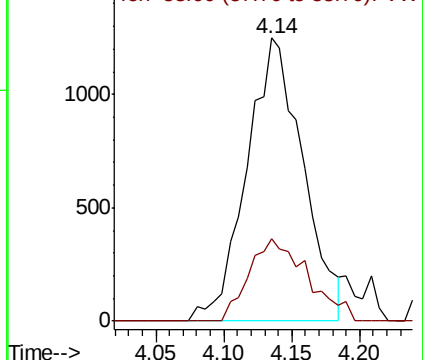
43 100

58 29.4 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.496 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW016711.D

Acq: 30 Sep 2020 14:52

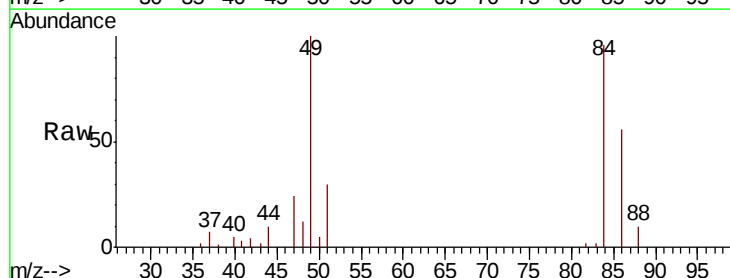
Tgt Ion: 84 Resp: 13586

Ion Ratio Lower Upper

84 100

49 104.3 76.0 141.2

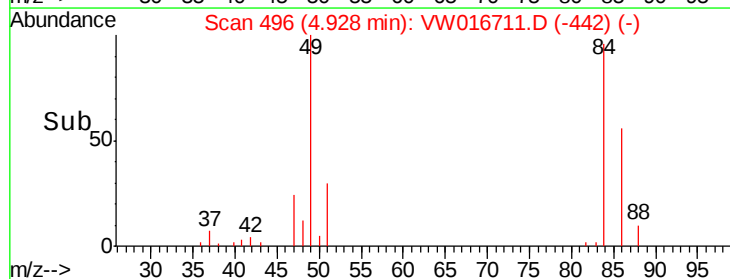
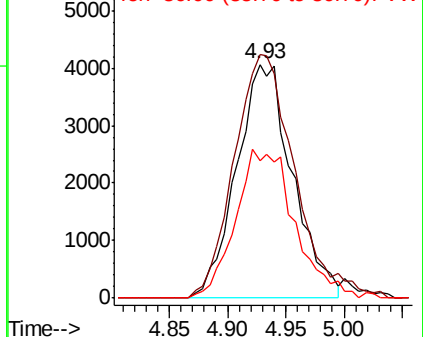
86 58.9 45.6 84.6

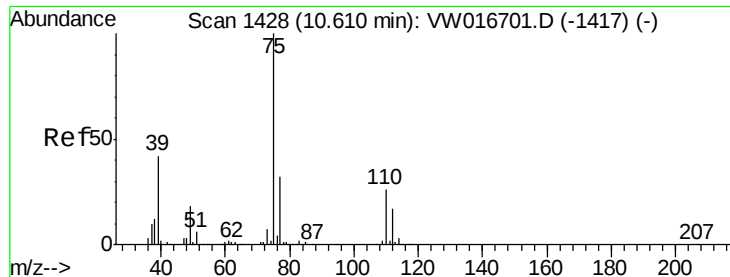


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.366 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

ClientSampleId :

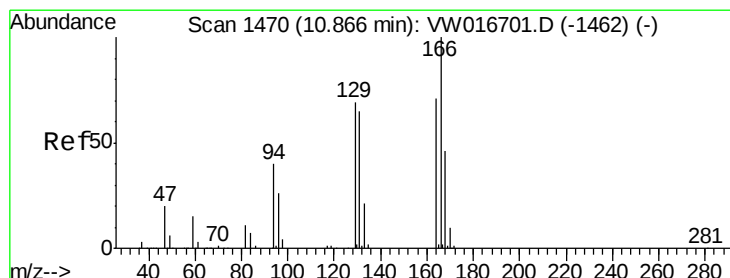
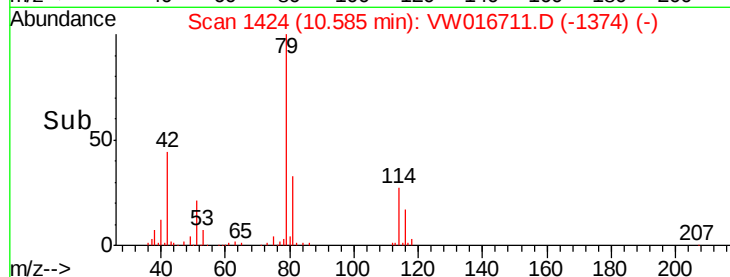
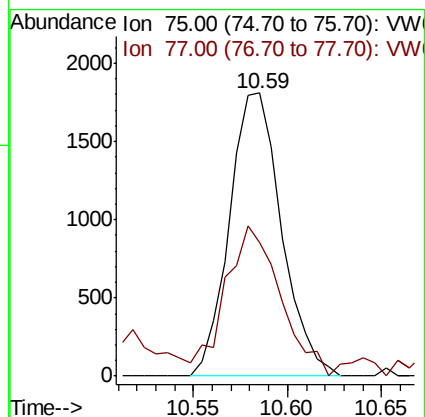
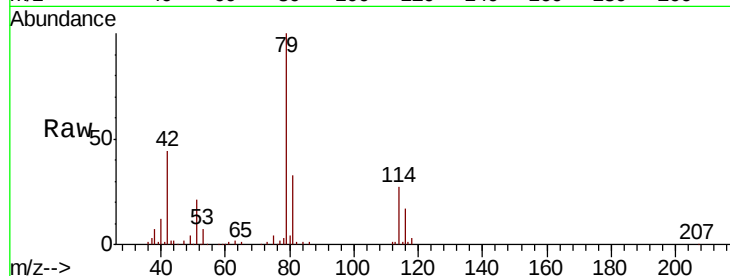
C0AM4

Tot Ion: 75 Resp: 3472

Ion Ratio Lower Upper

75 100

77 47.1 22.5 41.9#



#47

Tetrachloroethene

Concen: 0.309 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016711.D

Acq: 30 Sep 2020 14:52

Tgt Ion: 164 Resp: 2215

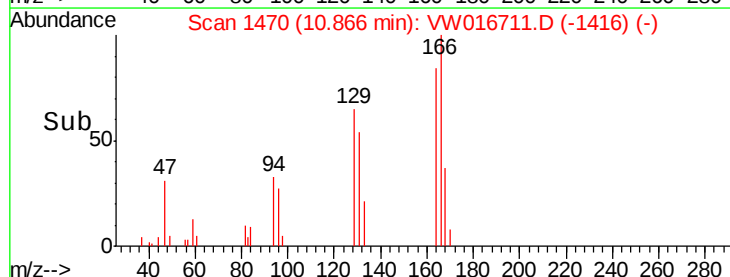
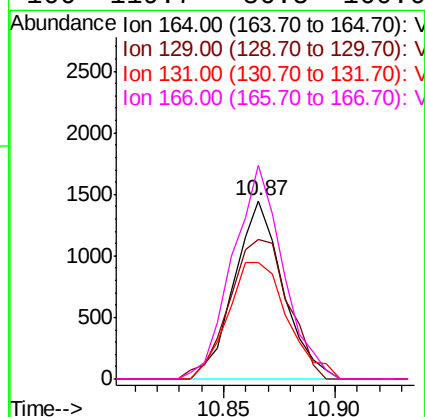
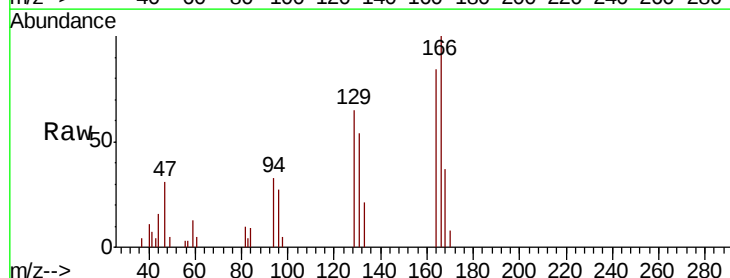
Ion Ratio Lower Upper

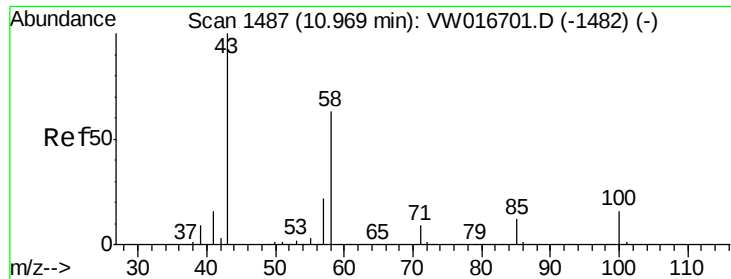
164 100

129 78.1 55.6 103.2

131 65.0 57.2 106.2

166 119.7 86.5 160.6





#49

2-Hexanone

Concen: 2.929 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016711.D

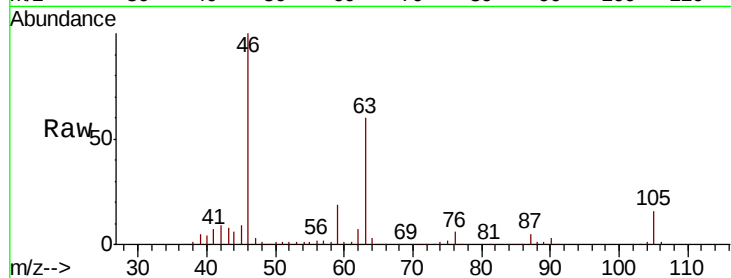
Acq: 30 Sep 2020 14:52

Instrument :

MSVOA_W

ClientSampleId :

C0AM4



Tot Ion:	43	Resp:	7549
Ion	Ratio	Lower	Upper
43	100		
58	27.6	44.2	66.2#
57	22.7	16.3	24.5
100	0.0	12.4	18.6#

