

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100920\
 Data File : VW016854.D
 Acq On : 08 Oct 2020 15:24
 Operator : SY/VA
 Sample : L4284-11
 Misc : 5.42G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3W5

Quant Time: Oct 09 09:31:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 11:39:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	584877	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	490076	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	204693	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	159069	27.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.28%
7) Chloroethane-d5	2.90	69	130726	27.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.04%
10) 1,1-Dichloroethene-d2	4.03	63	229916	18.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.08%
20) 2-Butanone-d5	7.09	46	48476	37.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.18%
24) Chloroform-d	7.65	84	312474	25.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.28%
26) 1,2-Dichloroethane-d4	8.31	65	144304	24.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.84%
29) Benzene-d6	8.28	84	630386	28.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.28%
33) 1,2-Dichloropropane-d6	9.28	67	168824	28.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.88%
37) Toluene-d8	10.33	98	598048	28.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.92%
38) trans-1,3-Dichloropropene-	10.58	79	61747	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.64%
39) 2-Hexanone-d5	10.93	63	40770	44.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106929	22.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	176502	27.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.76%

Target Compounds

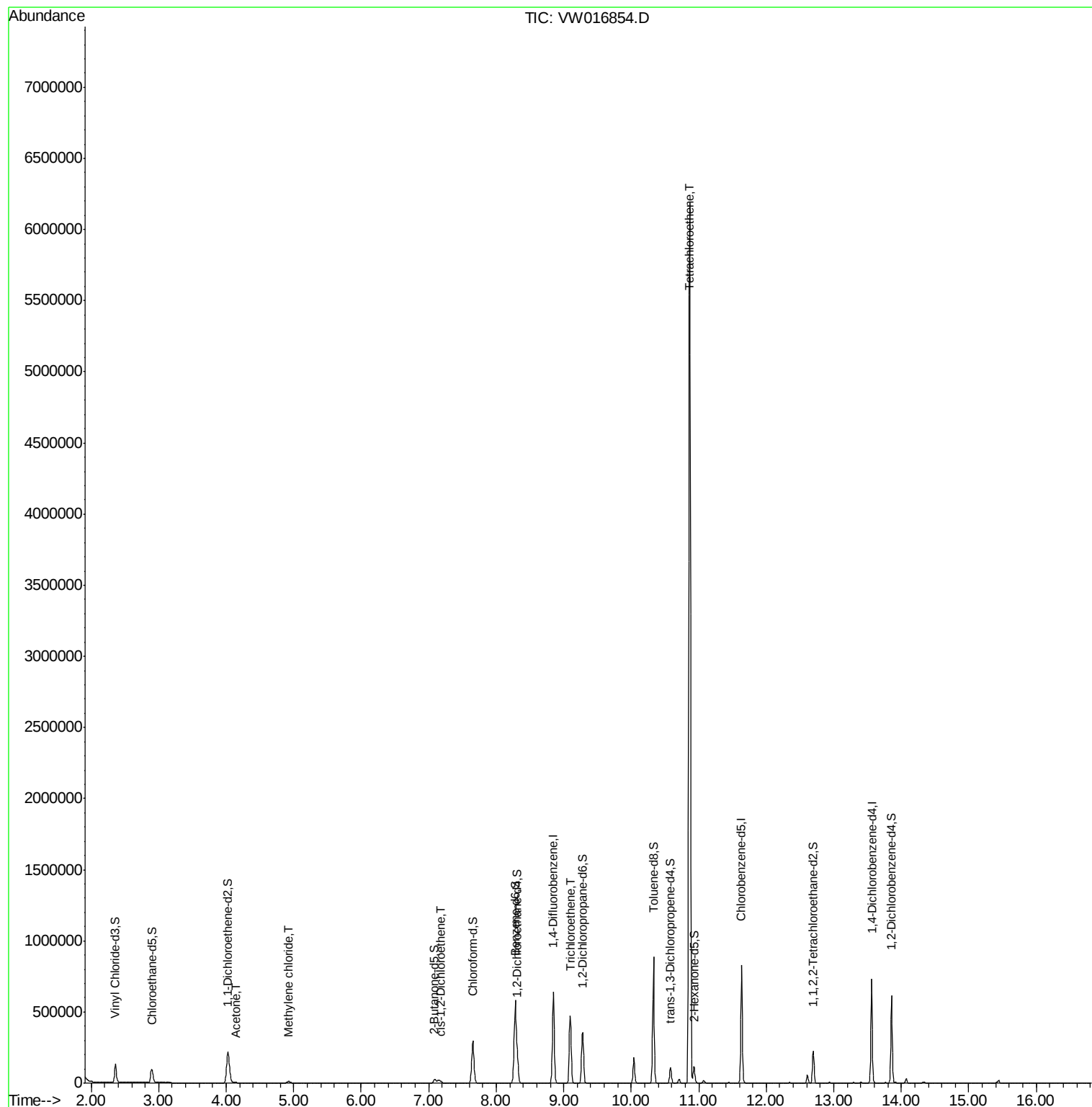
					Ovalue
13) Acetone	4.14	43	7994	8.083	ug/L 63
16) Methylene chloride	4.92	84	9932	1.230	ug/L 90
22) cis-1,2-Dichloroethene	7.18	96	4746	0.589	ug/L 97
35) Trichloroethene	9.10	95	166666	22.388	ug/L 99
47) Tetrachloroethene	10.87	164	1461008	211.690	ug/L 91

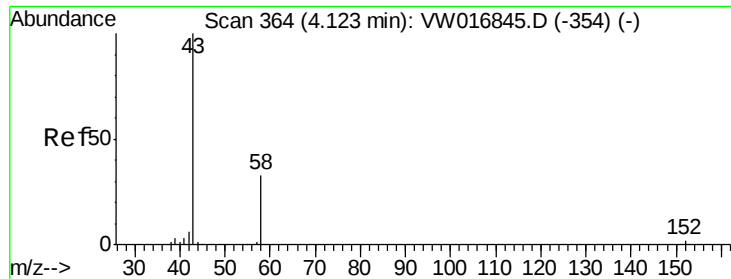
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.083 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016854.D

Acq: 08 Oct 2020 15:24

Instrument :

MSVOA_W

ClientSampleId :

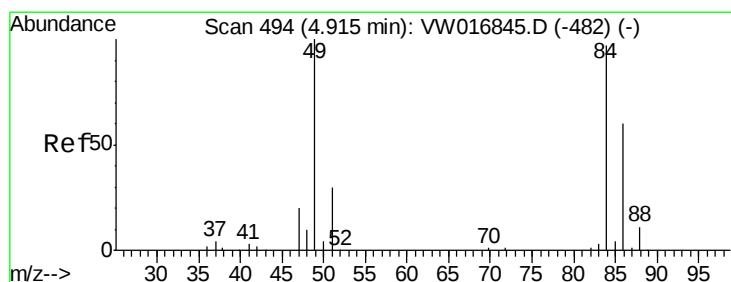
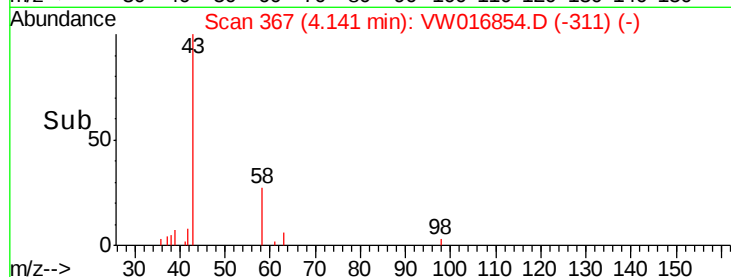
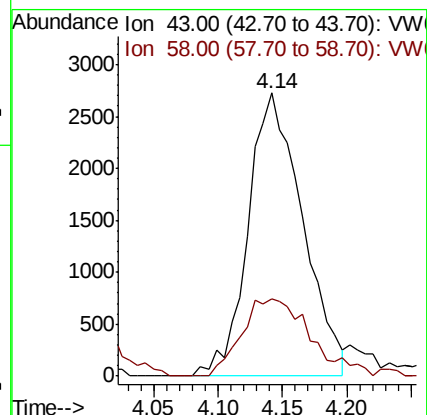
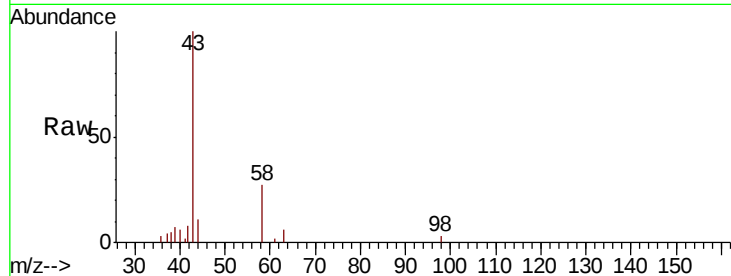
BG3W5

Tot Ion: 43 Resp: 7994

Ion Ratio Lower Upper

43 100

58 12.9 0.0 67.6



#16

Methylene chloride

Concen: 1.230 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016854.D

Acq: 08 Oct 2020 15:24

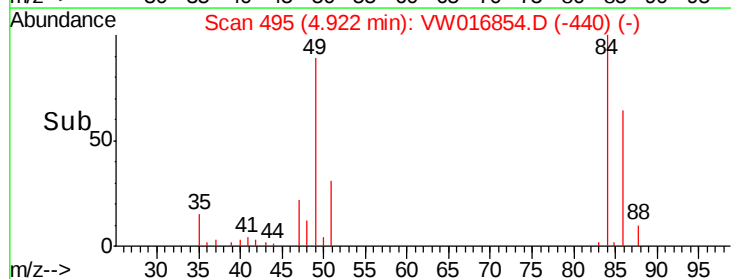
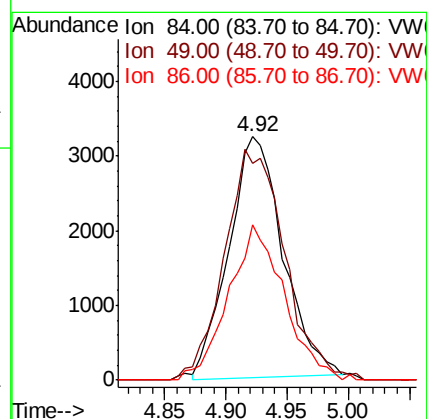
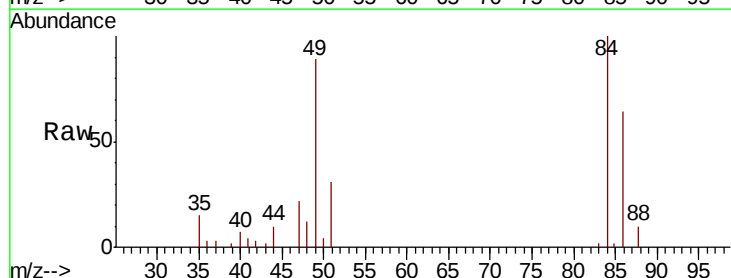
Tgt Ion: 84 Resp: 9932

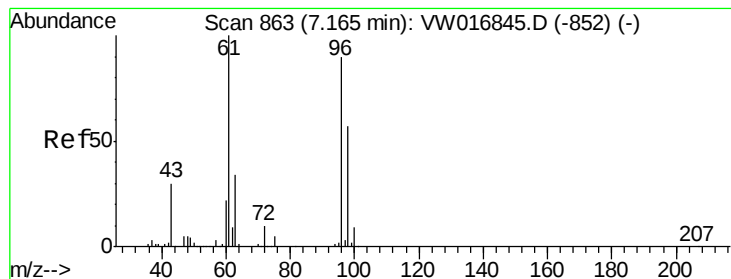
Ion Ratio Lower Upper

84 100

49 88.8 73.1 135.8

86 64.0 46.0 85.4



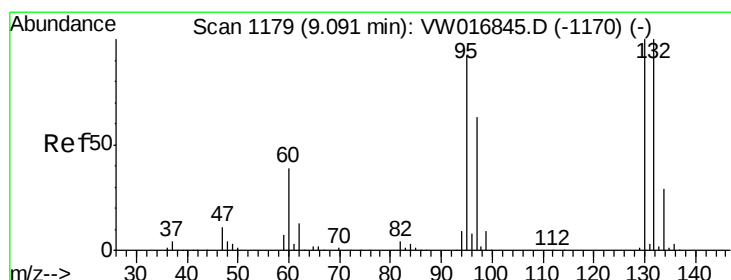
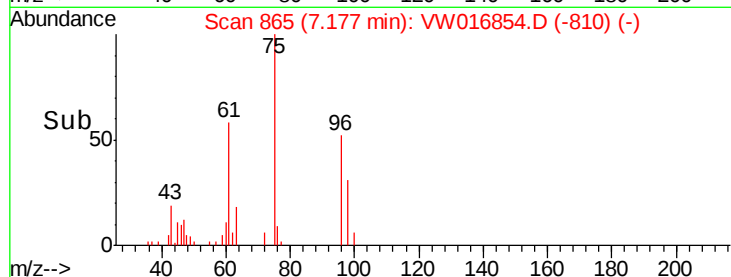
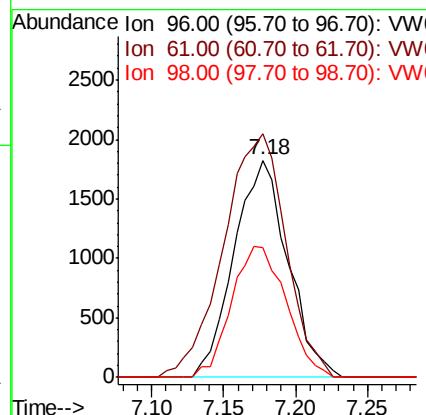
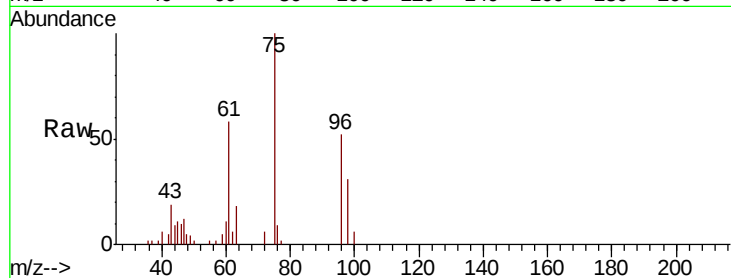


#22

cis-1,2-Dichloroethene
 Concen: 0.589 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW016854.D
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Instrument :
 MSVOA_W
 ClientSampled :
 BG3W5

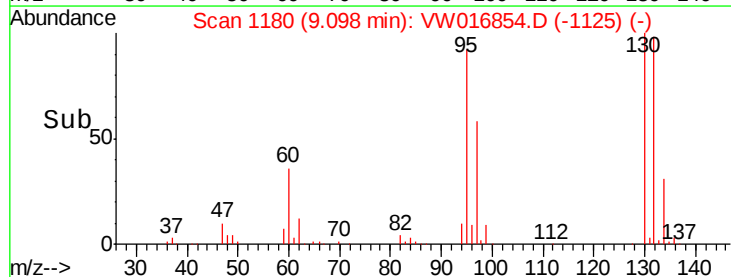
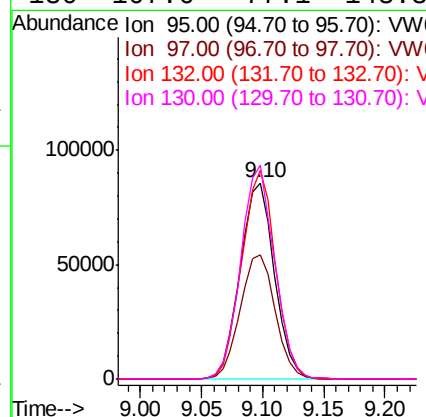
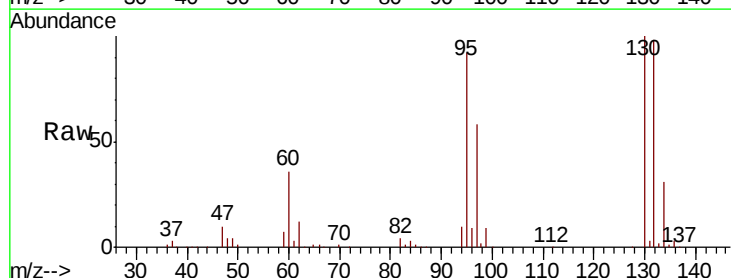
Tot Ion: 96 Resp: 4746
 Ion Ratio Lower Upper
 96 100
 61 112.0 76.0 141.2
 98 59.6 42.7 79.3

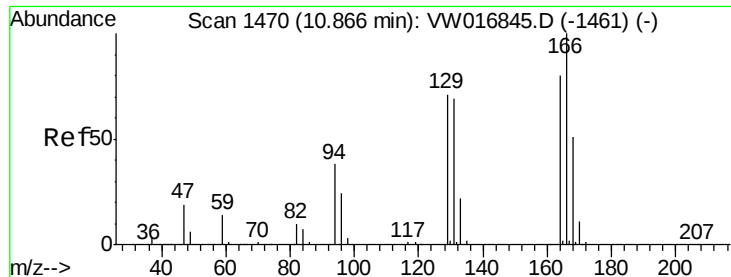


#35

Trichloroethene
 Concen: 22.388 ug/L
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: VW016854.D
 Acq: 08 Oct 2020 15:24

Tgt Ion: 95 Resp: 166666
 Ion Ratio Lower Upper
 95 100
 97 64.8 44.7 83.1
 132 105.6 73.8 137.2
 130 107.6 77.1 143.3





#47

Tetrachloroethene

Concen: 211.690 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW016854.D

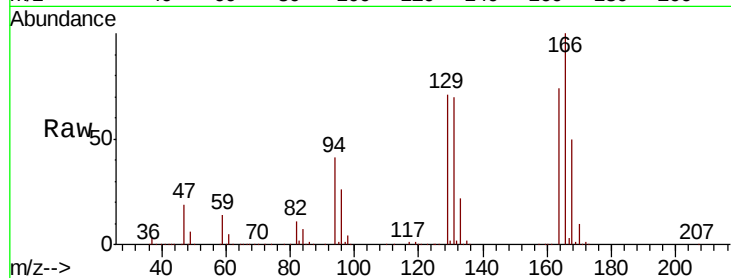
Acq: 08 Oct 2020 15:24

Instrument :

MSVOA_W

ClientSampleId :

BG3W5



Tot Ion:164 Resp: 1461008

Ion Ratio Lower Upper

164 100

129 96.6 61.7 114.7

131 95.0 59.7 110.9

166 136.0 88.3 164.1

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

