

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100318\
 Data File : VW005810.D
 Acq On : 03 Oct 2018 13:20
 Operator : SY/AP
 Sample : J5182-19
 Misc : 4.81G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 05:17:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 04 05:16:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	239815	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	241643	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	112871	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	39279	12.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.40%
7) Chloroethane-d5	2.89	69	35618	14.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.72%
10) 1,1-Dichloroethene-d2	4.01	63	73101	10.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.80%#
20) 2-Butanone-d5	7.09	46	41304	42.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.16%
24) Chloroform-d	7.65	84	127258	20.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.64%
26) 1,2-Dichloroethane-d4	8.31	65	79633	21.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.36%
29) Benzene-d6	8.28	84	213902	17.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.52%
33) 1,2-Dichloropropane-d6	9.28	67	69126	19.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.96%
37) Toluene-d8	10.33	98	192557	16.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.24%
38) trans-1,3-Dichloropropene-	10.58	79	31326	17.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.00%
39) 2-Hexanone-d5	10.93	63	30738	37.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.92%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	69223	20.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	87131	21.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.28%

Target Compounds

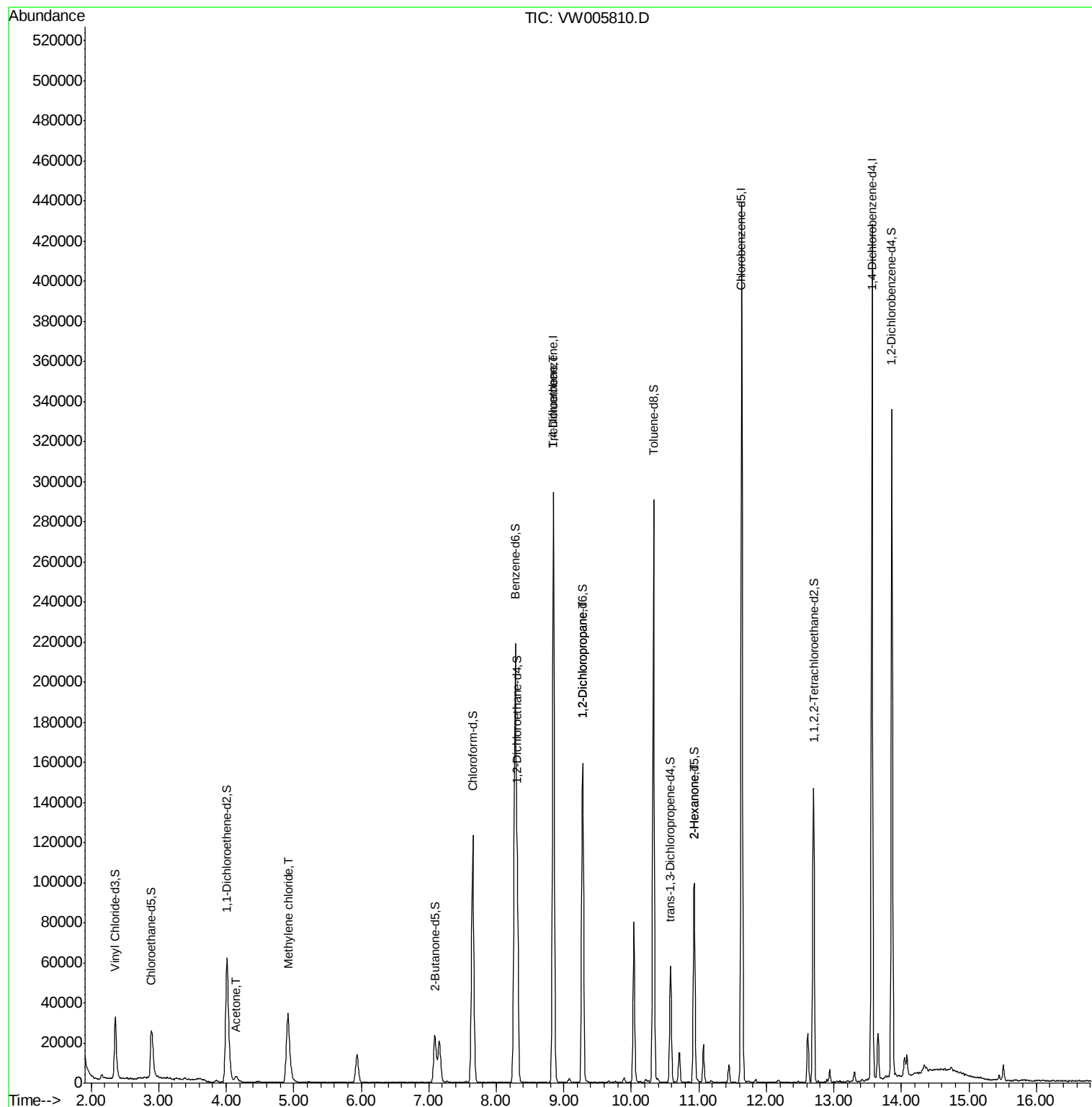
					Ovalue
13) Acetone	4.15	43	4761	4.658 ug/L	97
16) Methylene chloride	4.92	84	29102	7.360 ug/L	91
35) Trichloroethene	8.84	95	7864	2.153 ug/L #	5
40) 1,2-Dichloropropane	9.28	63	8875	2.667 ug/L #	87
49) 2-Hexanone	10.93	43	5002	2.624 ug/L #	66

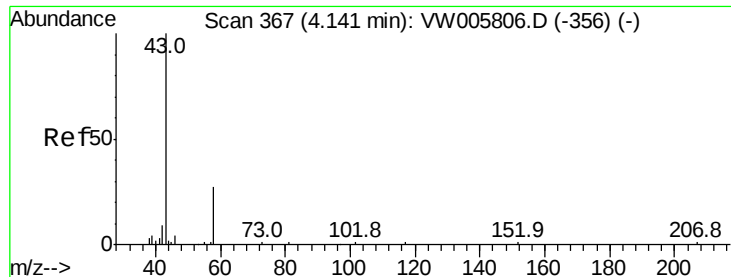
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 04 05:16:38 2018
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#13

Acetone

Concen: 4.658 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW005810.D

Acq: 03 Oct 2018 13:20

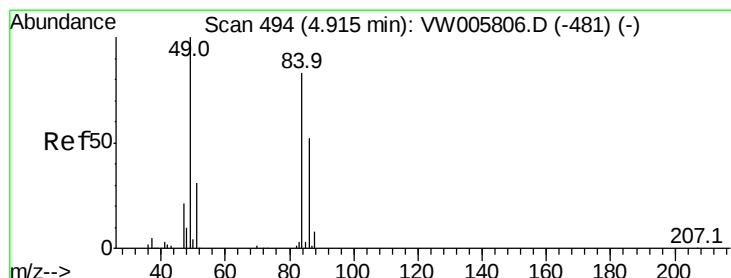
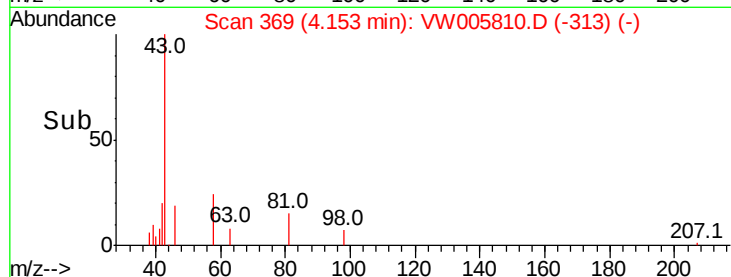
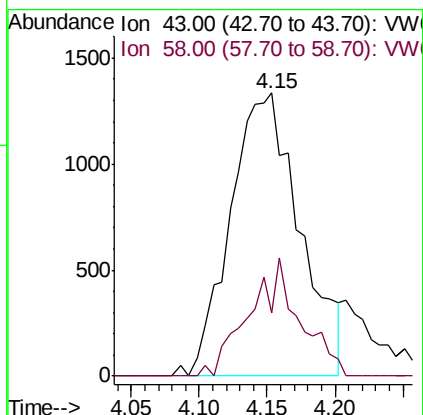
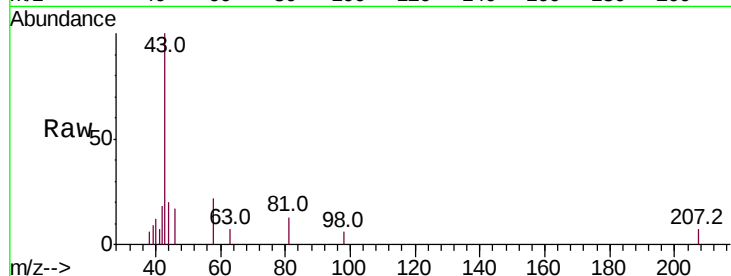
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 4761

Ion Ratio Lower Upper

43 100

58 14.8 0.0 31.8



#16

Methylene chloride

Concen: 7.360 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW005810.D

Acq: 03 Oct 2018 13:20

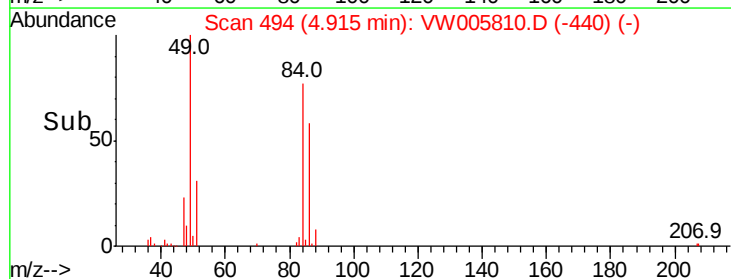
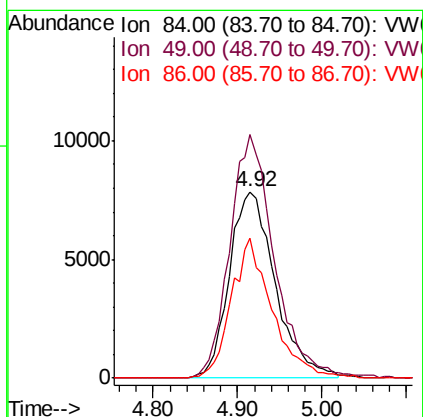
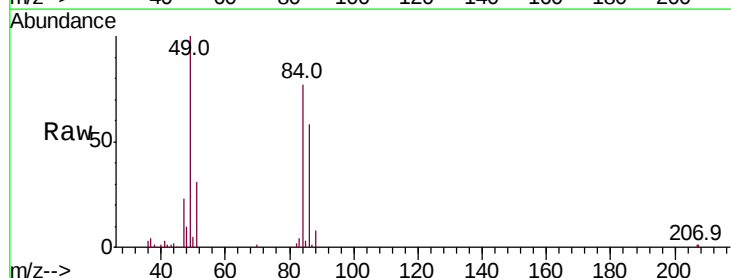
Tgt Ion: 84 Resp: 29102

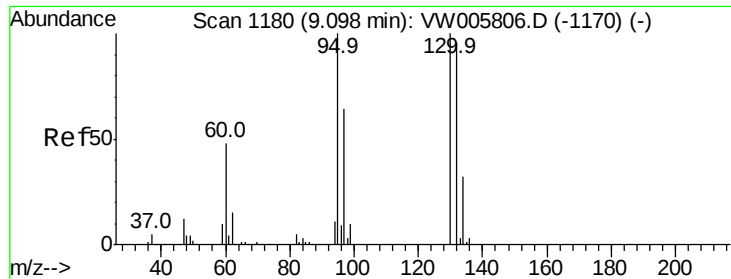
Ion Ratio Lower Upper

84 100

49 130.7 87.2 162.0

86 75.2 43.2 80.2





#35

Trichloroethene

Concen: 2.153 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.26 min

Lab File: VW005810.D

Acq: 03 Oct 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 7864

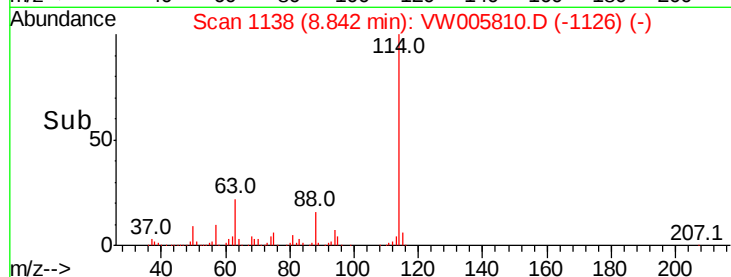
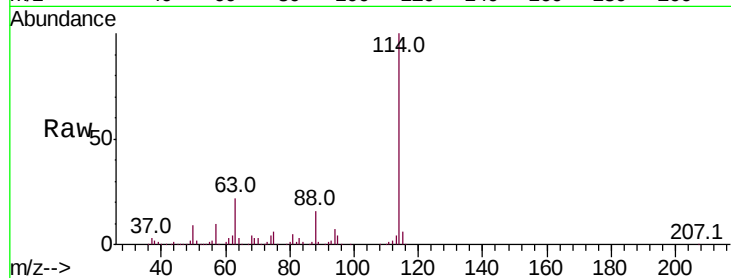
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.3 68.0 126.4#

130 0.0 71.3 132.5#

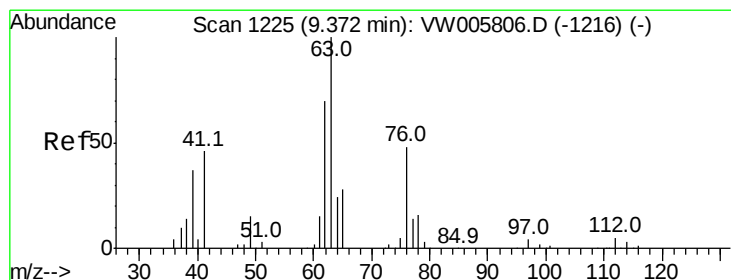
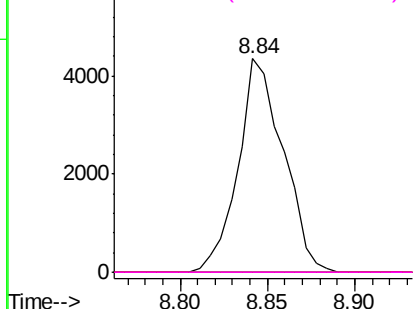


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 2.667 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005810.D

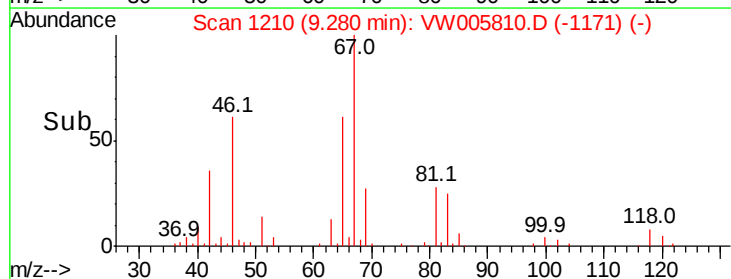
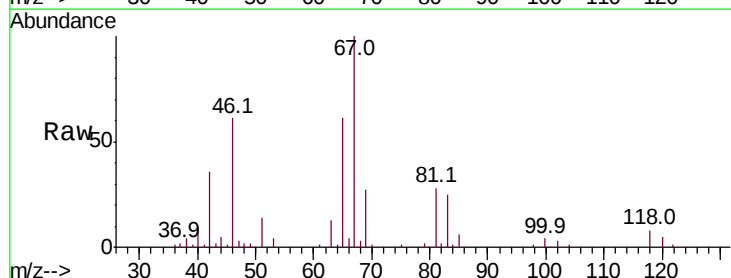
Acq: 03 Oct 2018 13:20

Tgt Ion: 63 Resp: 8875

Ion Ratio Lower Upper

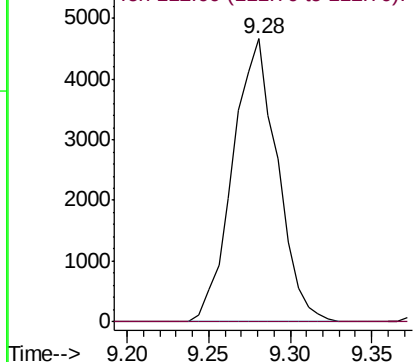
63 100

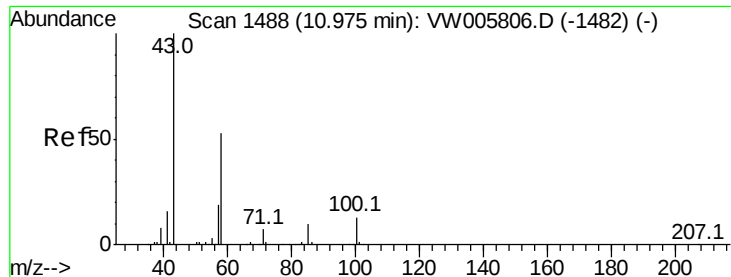
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#49

2-Hexanone

Concen: 2.624 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

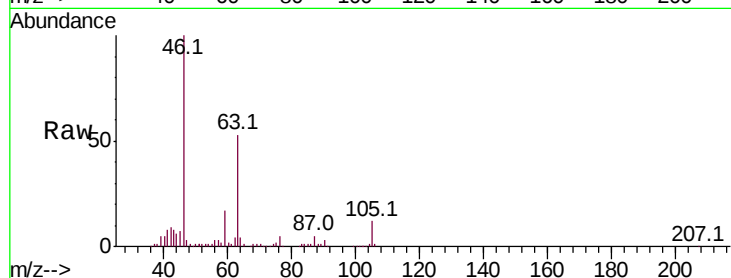
Lab File: VW005810.D

Acq: 03 Oct 2018 13:20

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion: 43 Resp: 5002

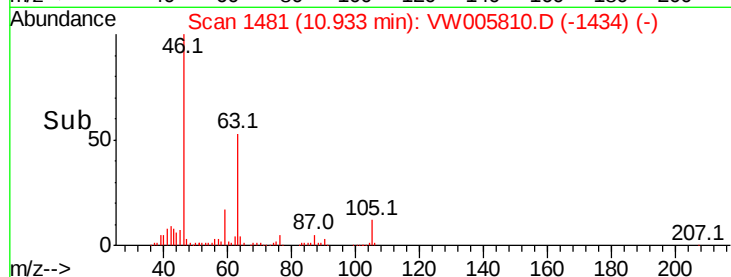
Ion Ratio Lower Upper

43 100

58 25.1 42.0 63.0#

57 30.8 15.7 23.5#

100 1.7 9.7 14.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

