

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017284.D
 Acq On : 17 Nov 2020 14:24
 Operator : SY/VA
 Sample : L4711-17
 Misc : 5.16G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AW9

Quant Time: Nov 18 02:16:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 02:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	402334	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	324989	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	104167	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	94104	18.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.28%
7) Chloroethane-d5	2.90	69	86397	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.48%
10) 1,1-Dichloroethene-d2	4.03	63	147474	16.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.08%
20) 2-Butanone-d5	7.09	46	27715	24.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.92%
24) Chloroform-d	7.65	84	223356	23.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.12%
26) 1,2-Dichloroethane-d4	8.31	65	108600	23.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.04%
29) Benzene-d6	8.28	84	420793	25.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.72%
33) 1,2-Dichloropropane-d6	9.28	67	116681	25.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.96%
37) Toluene-d8	10.33	98	392584	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.64%
38) trans-1,3-Dichloropropene-	10.58	79	39278	19.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.12%
39) 2-Hexanone-d5	10.93	63	22345	27.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.94%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	74179	18.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	82618	22.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.04%

Target Compounds

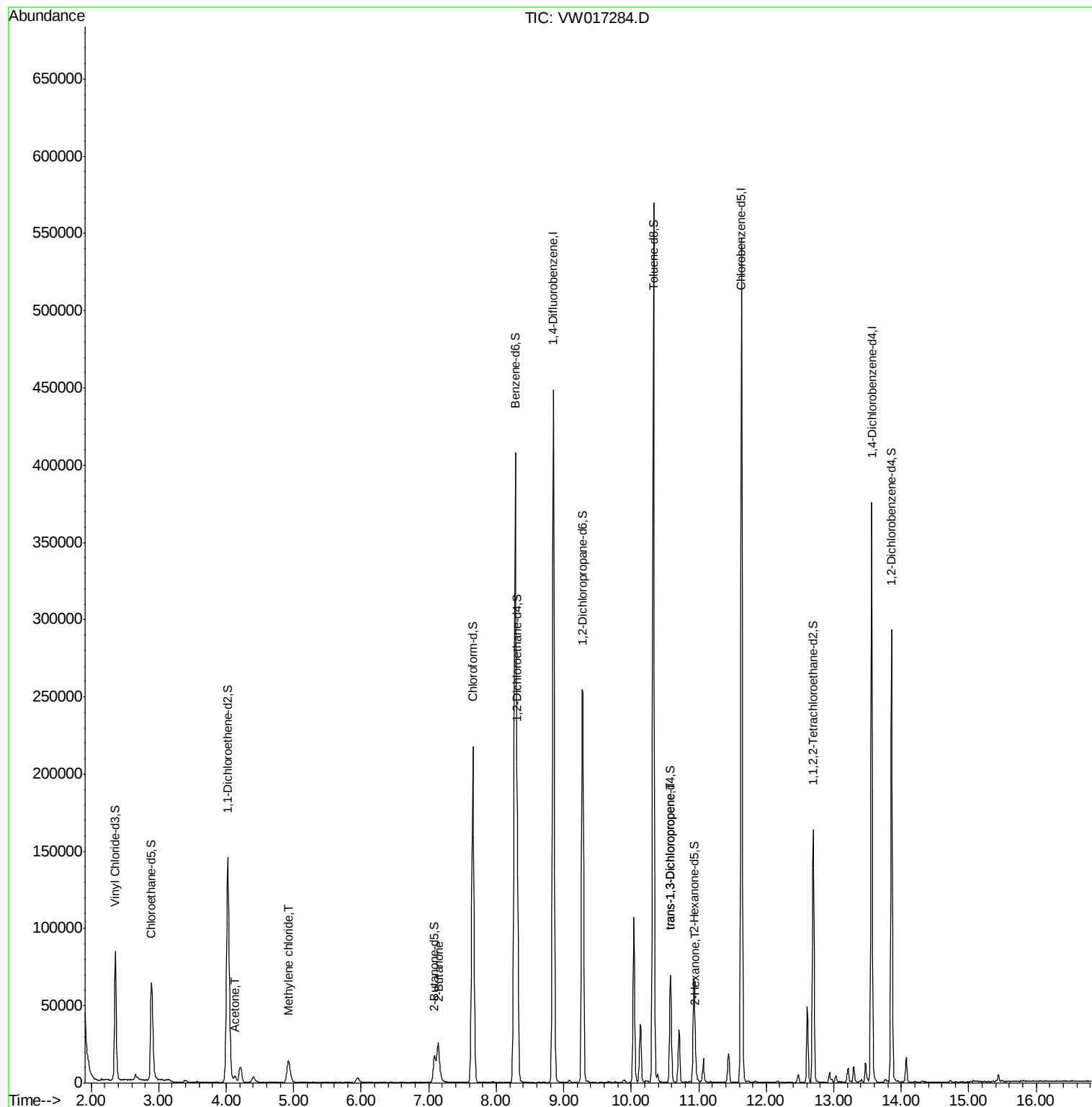
					Ovalue
13) Acetone	4.14	43	6403	8.438 ug/L	96
16) Methylene chloride	4.92	84	7638	1.408 ug/L	95
21) 2-Butanone	7.15	43	6671	5.475 ug/L #	44
45) trans-1,3-Dichloropropene	10.58	75	1967	0.362 ug/L #	70
49) 2-Hexanone	10.96	43	4067	2.741 ug/L #	33

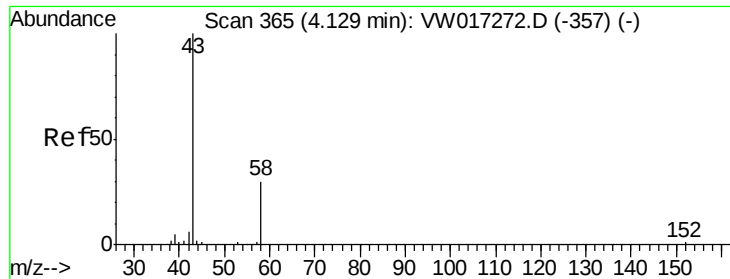
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 18 02:13:37 2020
Response via : Initial Calibration





#13

Acetone

Concen: 8.438 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017284.D

Acq: 17 Nov 2020 14:24

Instrument :

MSVOA_W

ClientSampleId :

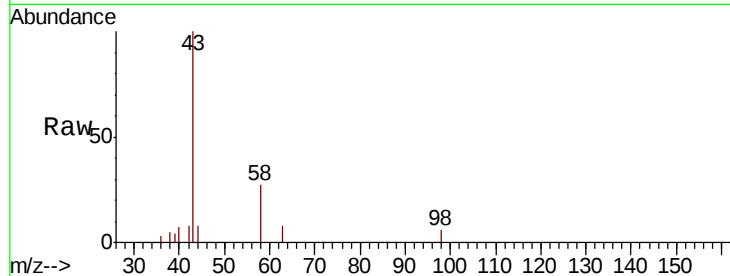
C0AW9

Tot Ion: 43 Resp: 6403

Ion Ratio Lower Upper

43 100

58 32.1 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2500

2000

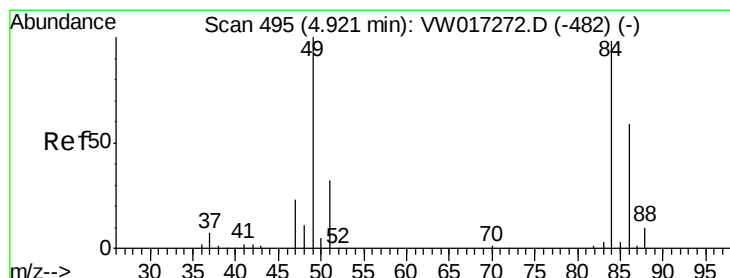
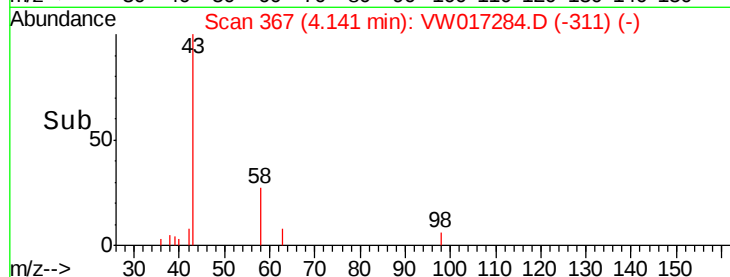
1500

1000

500

0

Time-->



#16

Methylene chloride

Concen: 1.408 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017284.D

Acq: 17 Nov 2020 14:24

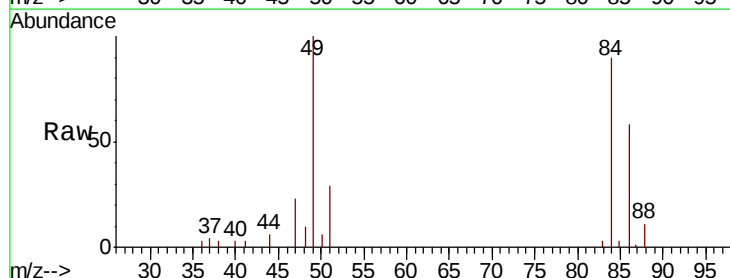
Tgt Ion: 84 Resp: 7638

Ion Ratio Lower Upper

84 100

49 111.3 72.3 134.3

86 64.1 45.1 83.7



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

5000

4000

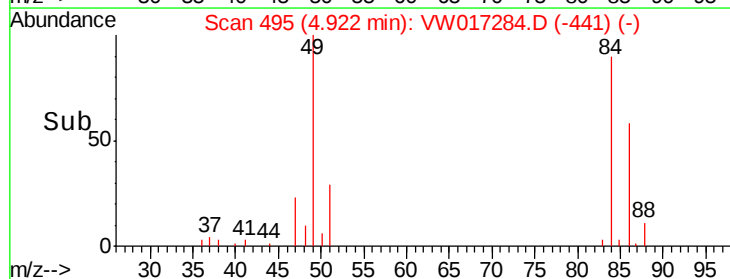
3000

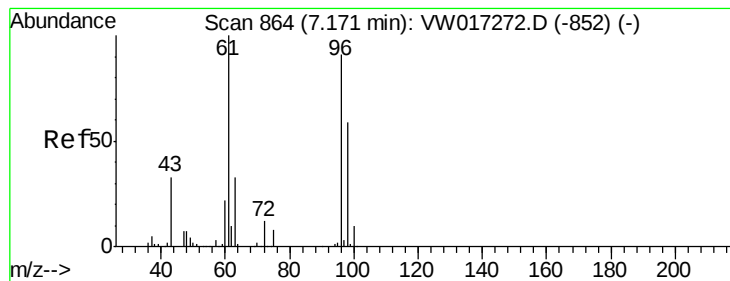
2000

1000

0

Time-->





#21

2-Butanone

Concen: 5.475 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

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Acq: 17 Nov 2020 14:24

Instrument :

MSVOA_W

ClientSampleId :

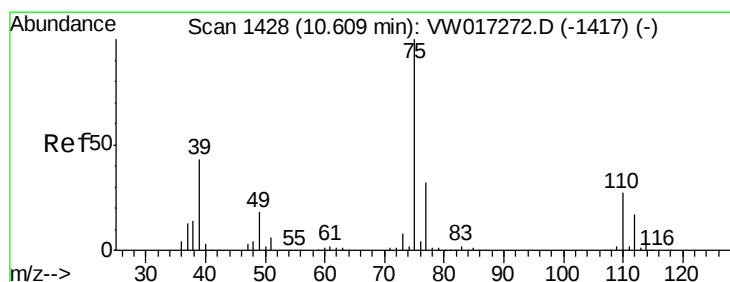
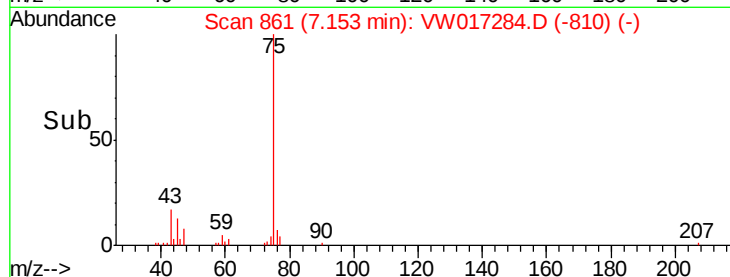
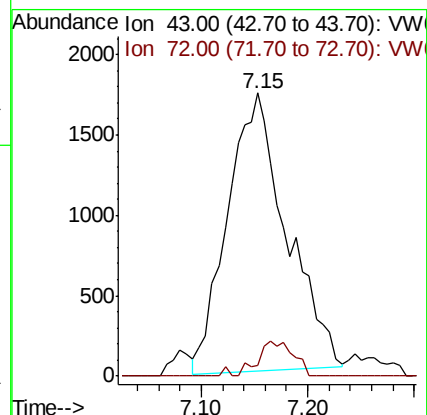
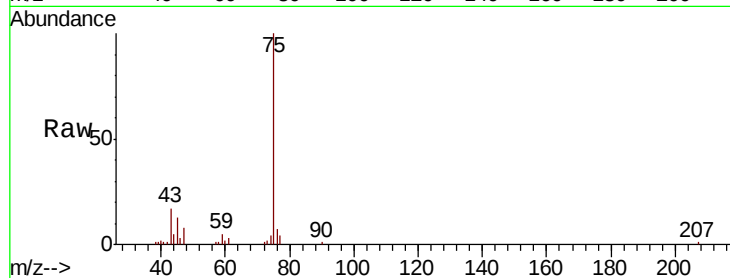
C0AW9

Tot Ion: 43 Resp: 6671

Ion Ratio Lower Upper

43 100

72 0.8 16.1 48.3#



#45

trans-1,3-Dichloropropene

Concen: 0.362 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017284.D

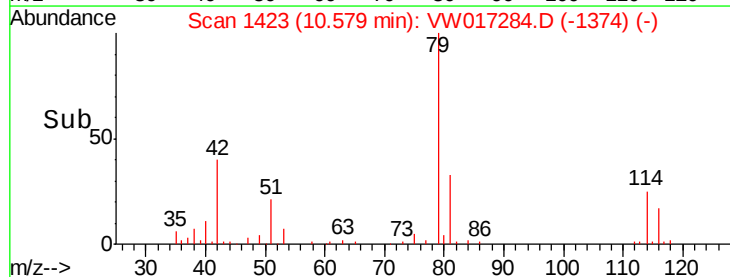
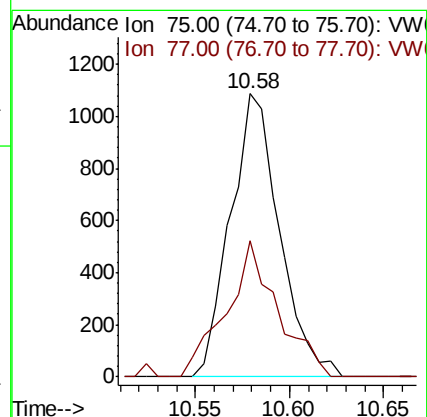
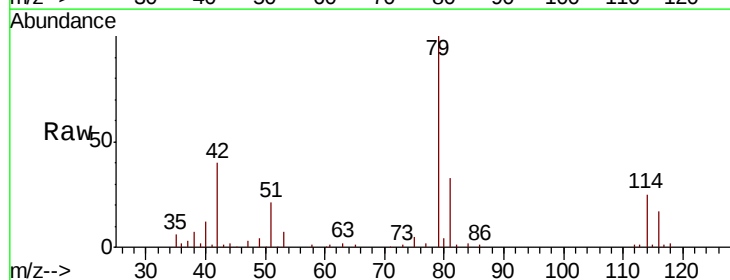
Acq: 17 Nov 2020 14:24

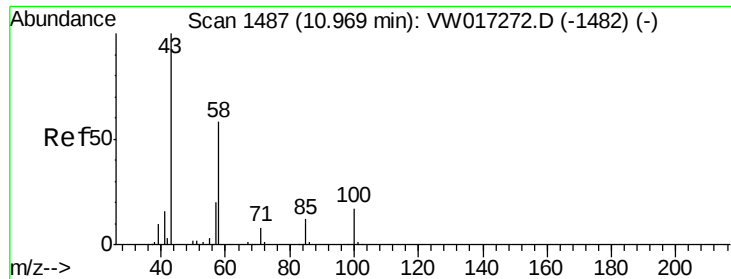
Tgt Ion: 75 Resp: 1967

Ion Ratio Lower Upper

75 100

77 48.1 22.1 41.1#





#49

2-Hexanone

Concen: 2.741 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW017284.D

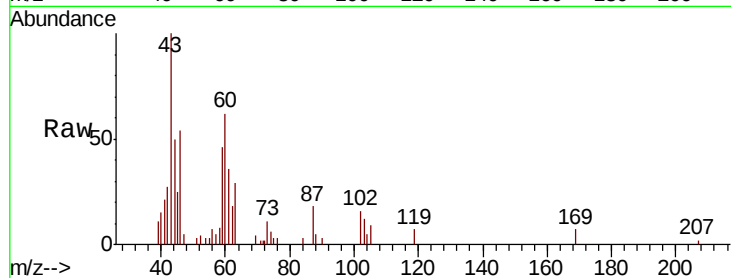
Acq: 17 Nov 2020 14:24

Instrument :

MSVOA_W

ClientSampleId :

C0AW9



Tot Ion: 43 Resp: 4067

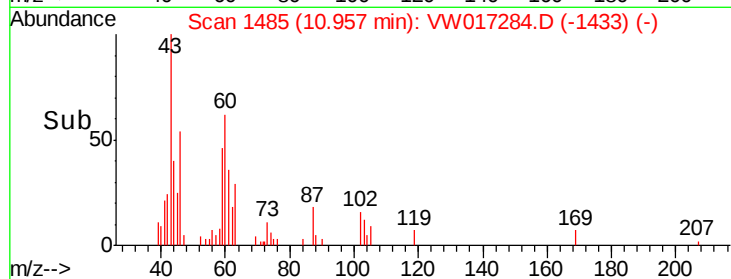
Ion Ratio Lower Upper

43 100

58 0.0 50.6 75.8#

57 0.5 17.8 26.6#

100 0.0 13.9 20.9#



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

