

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112520\
 Data File : VW017495.D
 Acq On : 25 Nov 2020 11:56
 Operator : SY/VA
 Sample : L4860-01RE
 Misc : 5.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 26 07:24:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 26 07:23:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	547872	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	462758	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	196694	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	125723	17.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.76%
7) Chloroethane-d5	2.89	69	110935	18.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.96%
10) 1,1-Dichloroethene-d2	4.02	63	234096	14.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.36%
20) 2-Butanone-d5	7.08	46	51911	34.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.32%
24) Chloroform-d	7.65	84	311451	20.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.04%
26) 1,2-Dichloroethane-d4	8.31	65	155813	20.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.60%
29) Benzene-d6	8.27	84	595655	20.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.72%
33) 1,2-Dichloropropane-d6	9.27	67	168702	21.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.72%
37) Toluene-d8	10.32	98	528836	20.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.64%
38) trans-1,3-Dichloropropene-	10.58	79	65583	18.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.56%
39) 2-Hexanone-d5	10.93	63	33529	34.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101348	17.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	149007	20.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.84%

Target Compounds

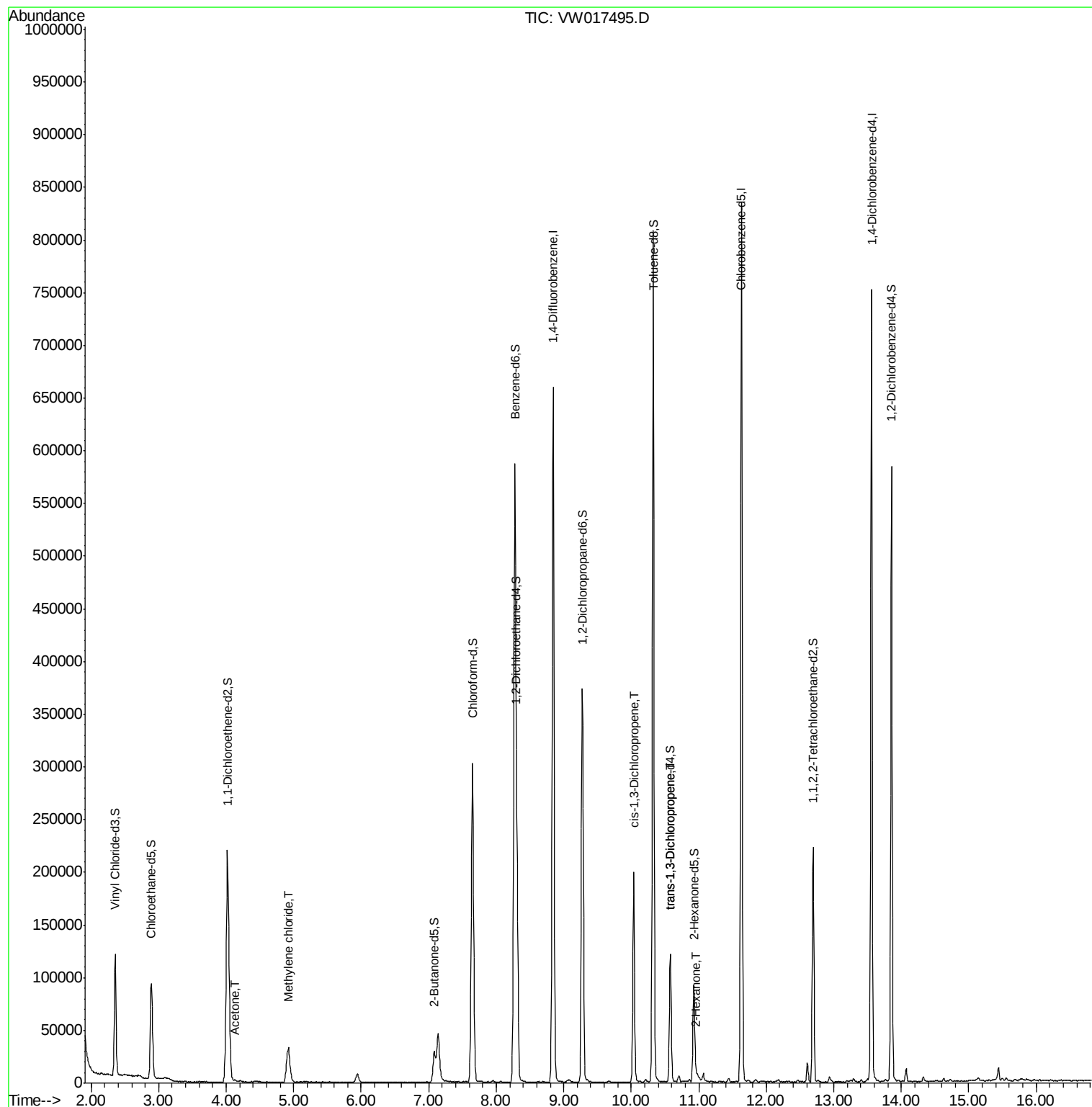
					Ovalue
13) Acetone	4.13	43	1237	0.846 ug/L	84
16) Methylene chloride	4.92	84	28734	3.493 ug/L	99
42) cis-1,3-Dichloropropene	10.03	75	5462	0.540 ug/L #	74
45) trans-1,3-Dichloropropene	10.58	75	3381	0.390 ug/L #	80
49) 2-Hexanone	10.97	43	1047	0.493 ug/L #	35

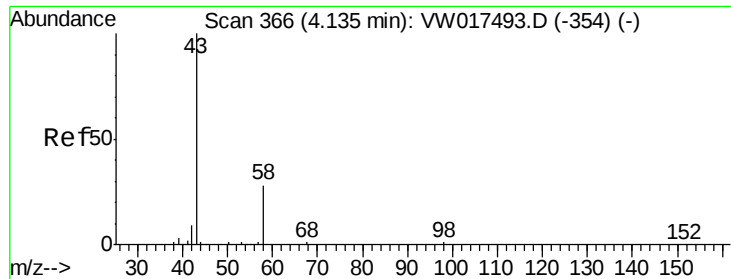
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 26 07:23:09 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.846 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW017495.D

Acq: 25 Nov 2020 11:56

Instrument :

MSVOA_W

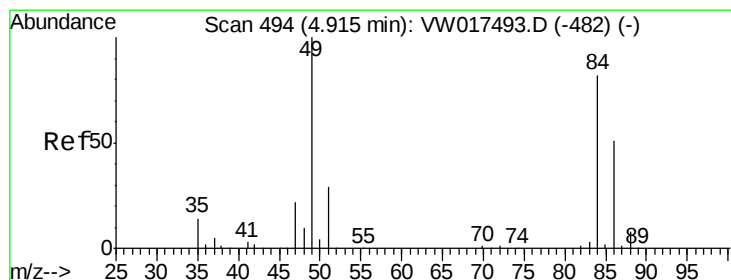
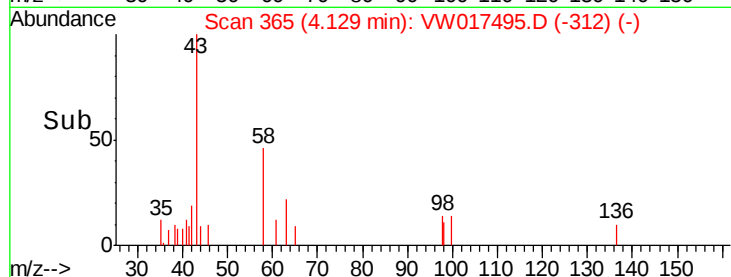
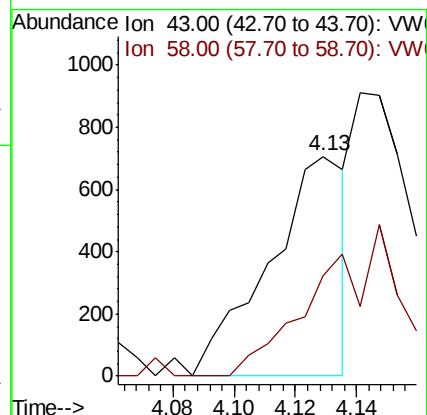
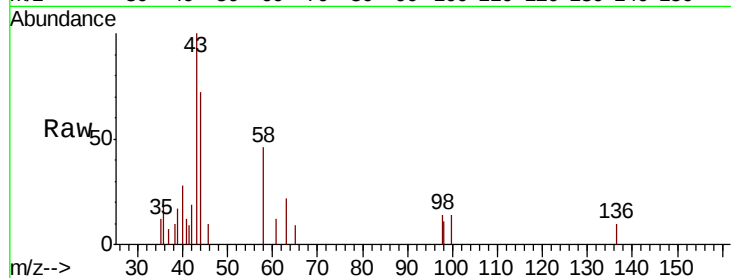
ClientSampled :

Tot Ion: 43 Resp: 1237

Ion Ratio Lower Upper

43 100

58 43.7 0.0 68.4



#16

Methylene chloride

Concen: 3.493 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017495.D

Acq: 25 Nov 2020 11:56

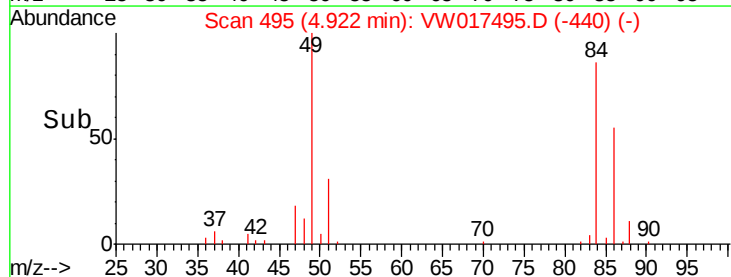
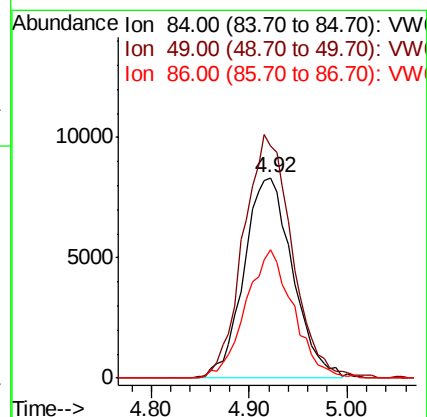
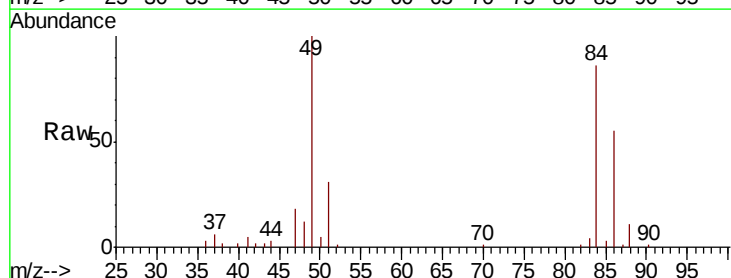
Tgt Ion: 84 Resp: 28734

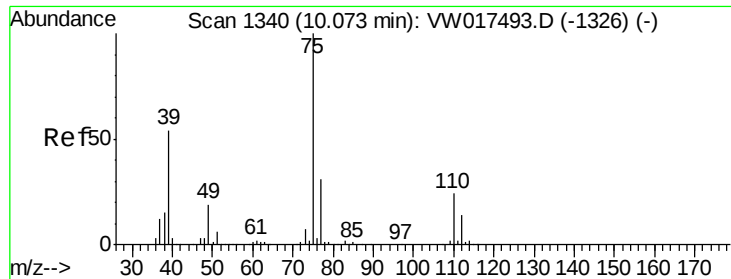
Ion Ratio Lower Upper

84 100

49 116.2 81.2 150.8

86 64.4 44.5 82.7





#42

cis-1,3-Dichloropropene

Concen: 0.540 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW017495.D

Acq: 25 Nov 2020 11:56

Instrument :

MSVOA_W

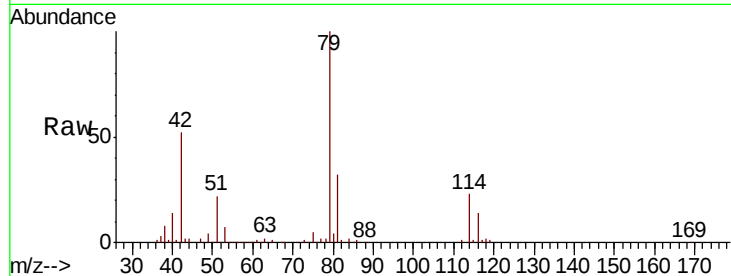
ClientSampleId :

Tot Ion: 75 Resp: 5462

Ion Ratio Lower Upper

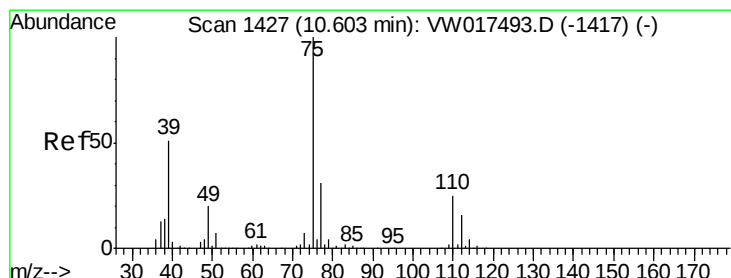
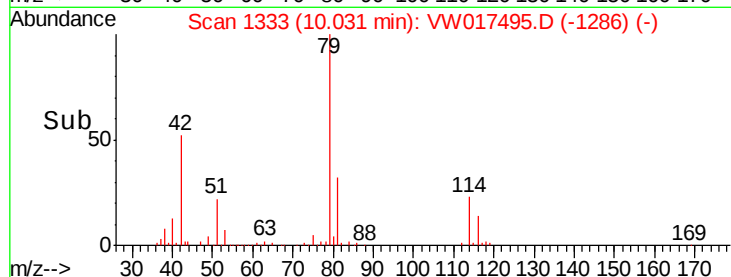
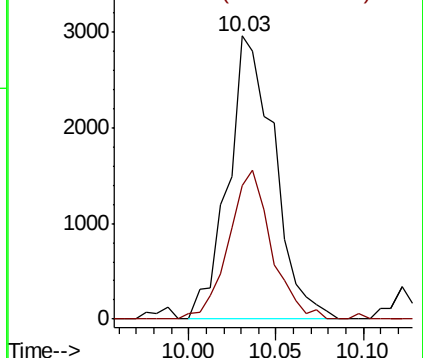
75 100

77 47.3 22.7 42.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.390 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017495.D

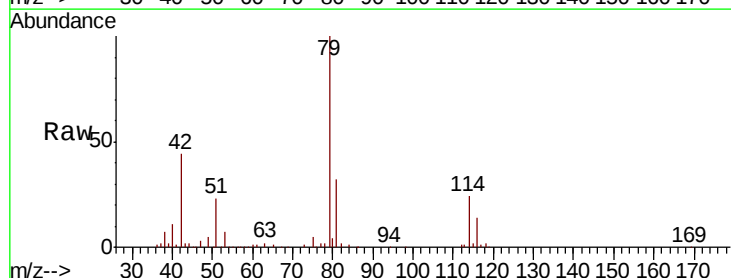
Acq: 25 Nov 2020 11:56

Tgt Ion: 75 Resp: 3381

Ion Ratio Lower Upper

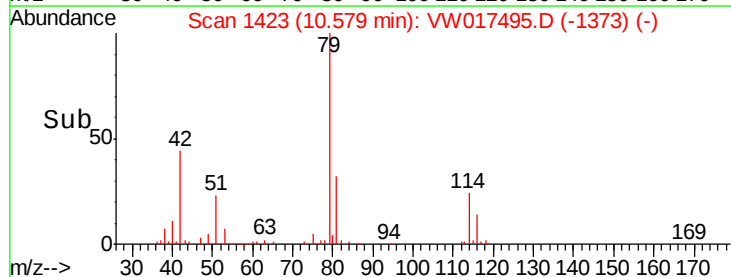
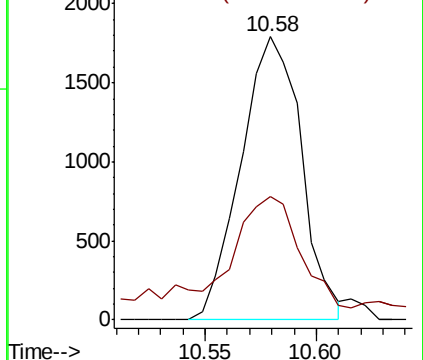
75 100

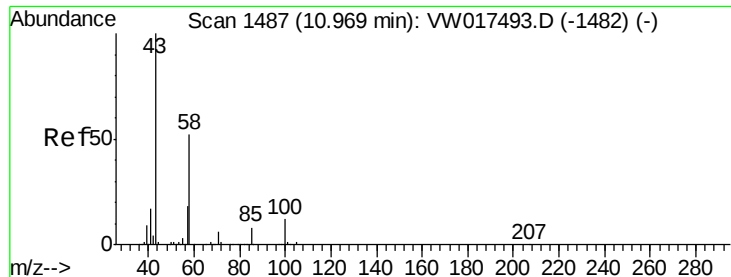
77 43.6 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 0.493 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017495.D

Acq: 25 Nov 2020 11:56

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 1047

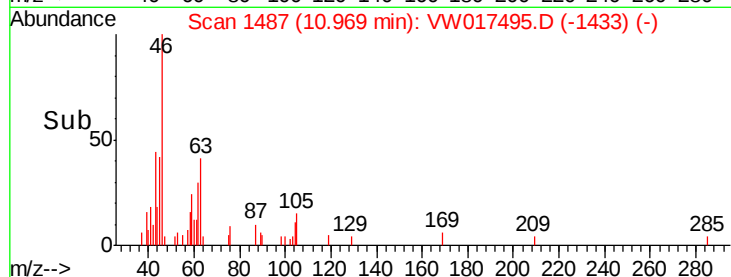
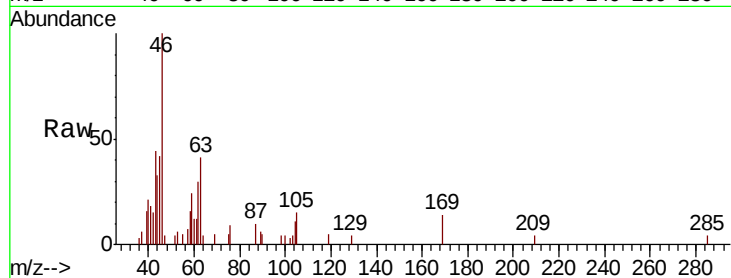
Ion Ratio Lower Upper

43 100

58 0.0 51.3 76.9#

57 0.0 15.0 22.6#

100 6.8 12.2 18.2#



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

