

Data File : VW009178.D
Acq On : 14 Mar 2019 19:16
Operator : SY/VA
Sample : K1794-10
Misc : 4.30G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5P0

Quant Time: Mar 15 06:57:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 06:53:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	429789	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	362330	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	133073	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	142355	27.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.88%
7) Chloroethane-d5	2.89	69	128309	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.40%
10) 1,1-Dichloroethene-d2	4.01	63	204561	18.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.72%
20) 2-Butanone-d5	7.07	46	64101	30.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.36%
24) Chloroform-d	7.65	84	249460	21.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.08%
26) 1,2-Dichloroethane-d4	8.31	65	148046	20.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.80%
29) Benzene-d6	8.27	84	488934	24.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.88%
33) 1,2-Dichloropropane-d6	9.27	67	144312	24.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.20%
37) Toluene-d8	10.32	98	424400	22.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.88%
38) trans-1,3-Dichloropropene-	10.58	79	55134	18.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.16%
39) 2-Hexanone-d5	10.93	63	47246	32.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108101	18.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	99764	19.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.20%

Target Compounds

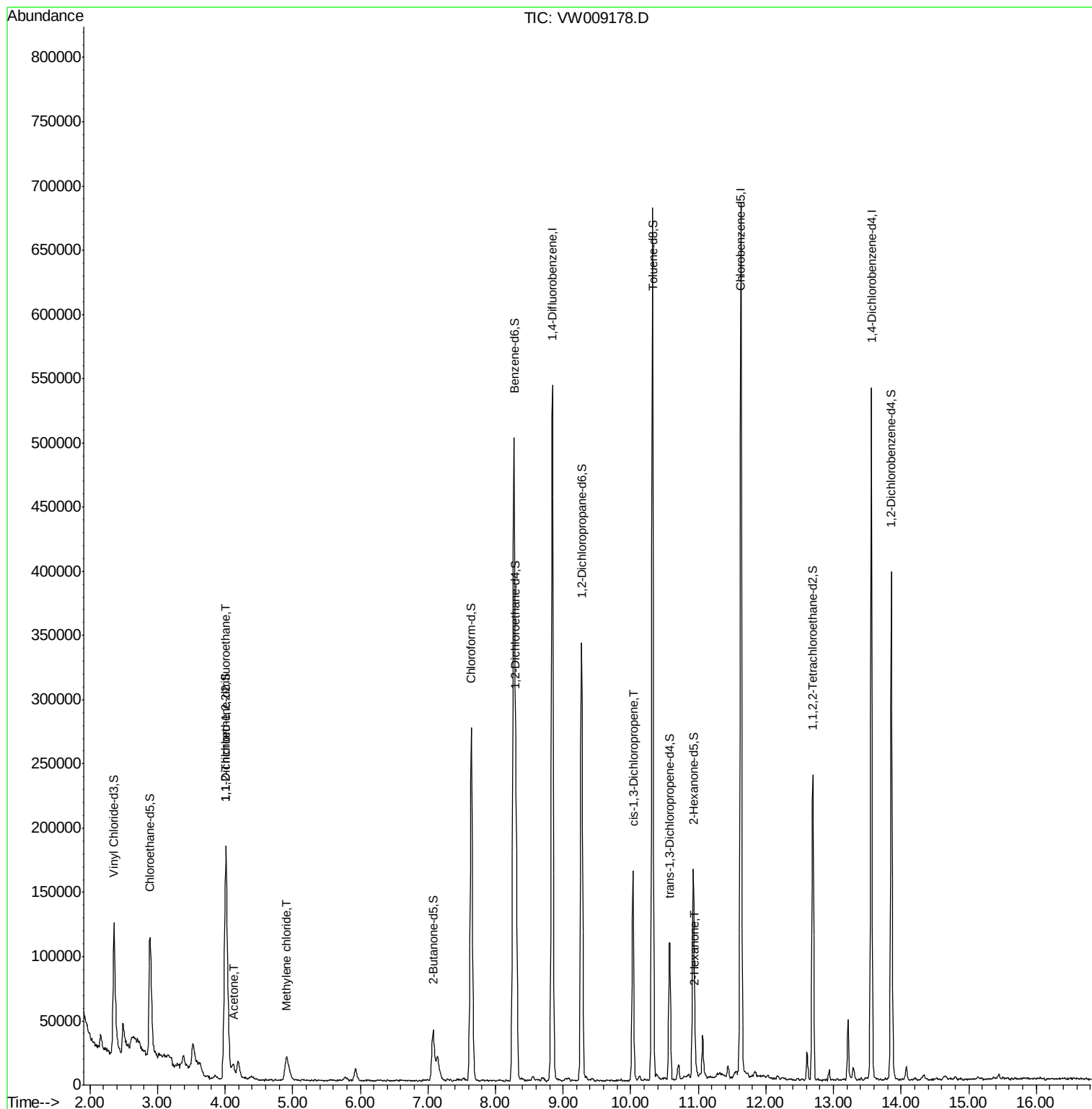
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	2311	0.410	ug/L #	20
13) Acetone	4.12	43	17009	9.765	ug/L	93
16) Methylene chloride	4.91	84	16676	2.661	ug/L	88
42) cis-1,3-Dichloropropene	10.03	75	4555	0.550	ug/L	83
49) 2-Hexanone	10.96	43	18017	5.547	ug/L #	42

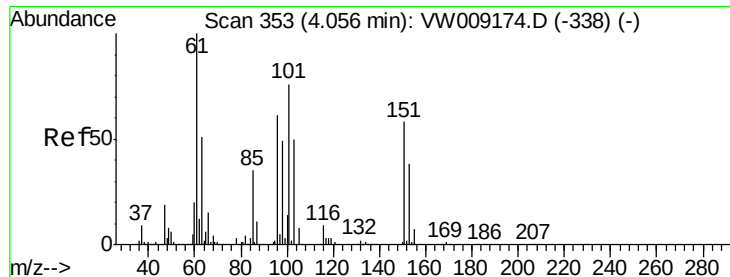
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.410 ug/L

RT: 4.01 min Scan# 345

Delta R.T. -0.05 min

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Instrument :

MSVOA_W

ClientSampleId :

BF5P0

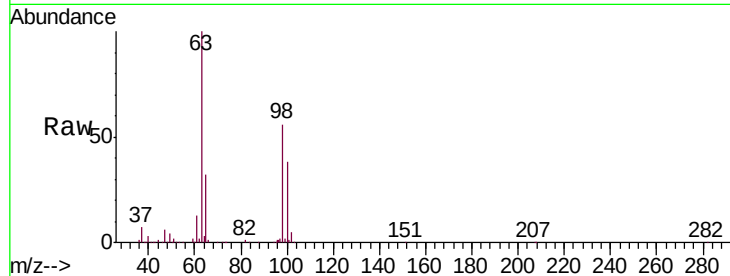
Tgt Ion:101 Resp: 2311

Ion Ratio Lower Upper

101 100

85 0.0 32.6 48.8#

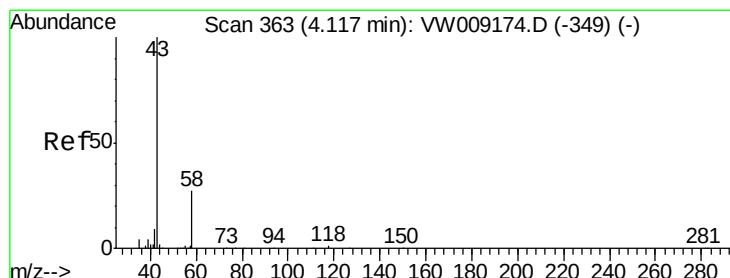
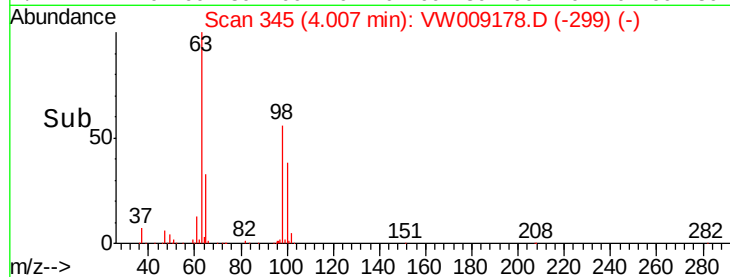
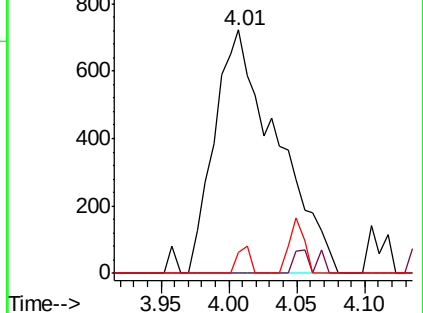
151 2.3 63.3 94.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 9.765 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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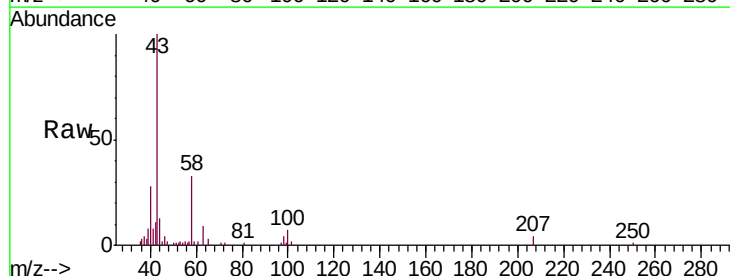
Acq: 14 Mar 2019 19:16

Tgt Ion: 43 Resp: 17009

Ion Ratio Lower Upper

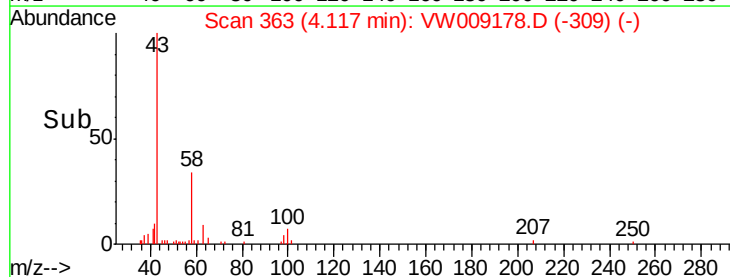
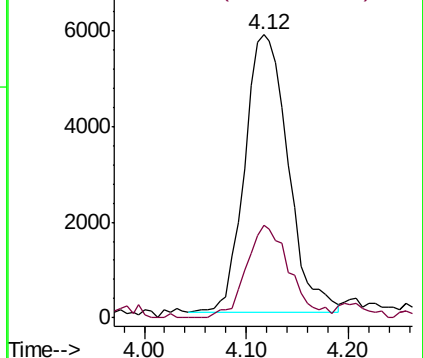
43 100

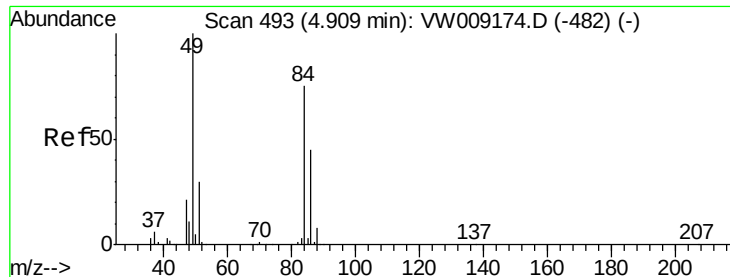
58 32.0 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

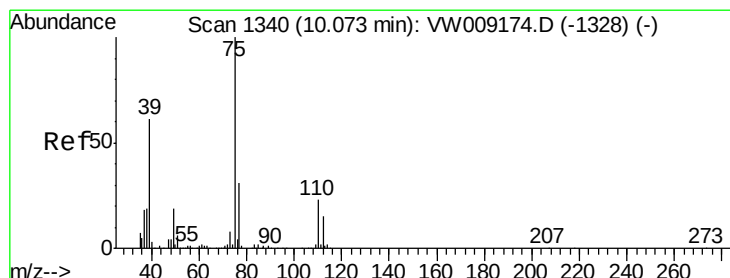
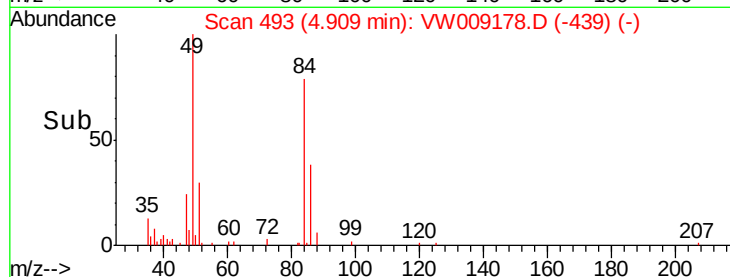
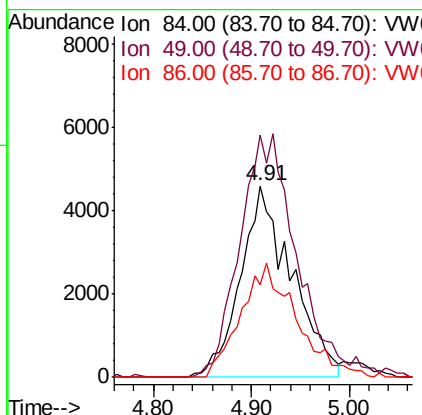
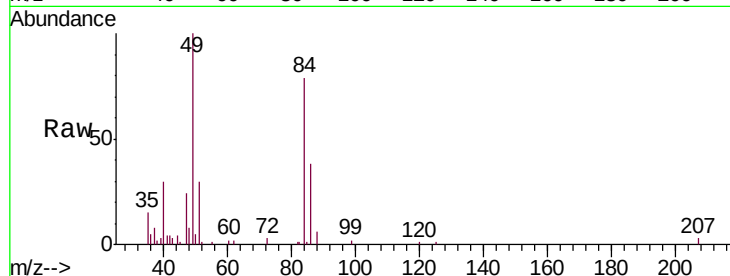




#16
Methylene chloride
Concen: 2.661 ug/L
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW009178.D
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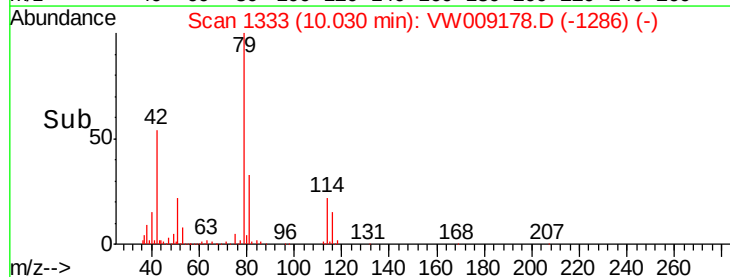
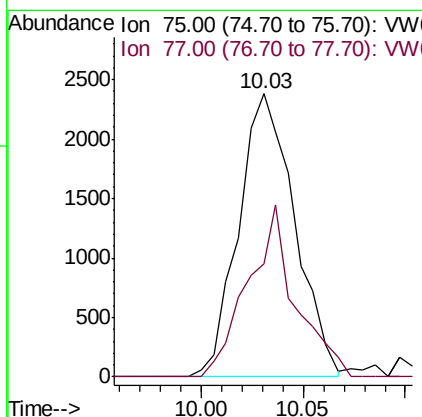
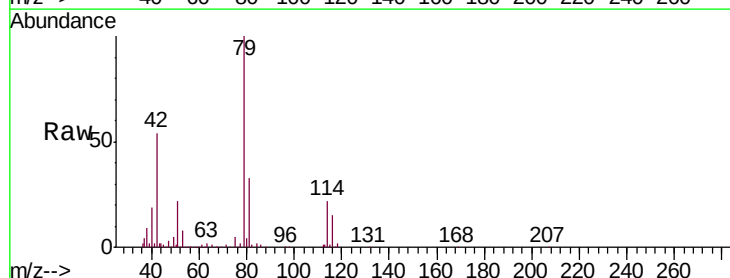
Instrument :
MSVOA_W
ClientSampleId :
BF5P0

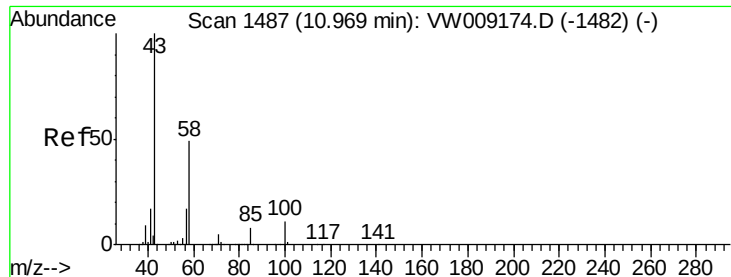
Tgt Ion: 84 Resp: 16676
Ion Ratio Lower Upper
84 100
49 126.4 96.0 178.2
86 48.4 44.4 82.5



#42
cis-1,3-Dichloropropene
Concen: 0.550 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW009178.D
Acq: 14 Mar 2019 19:16

Tgt Ion: 75 Resp: 4555
Ion Ratio Lower Upper
75 100
77 40.0 21.6 40.2





#49

2-Hexanone

Concen: 5.547 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW009178.D

Acq: 14 Mar 2019 19:16

Instrument :

MSVOA_W

ClientSampleId :

BF5P0

Tgt Ion: 43 Resp: 18017

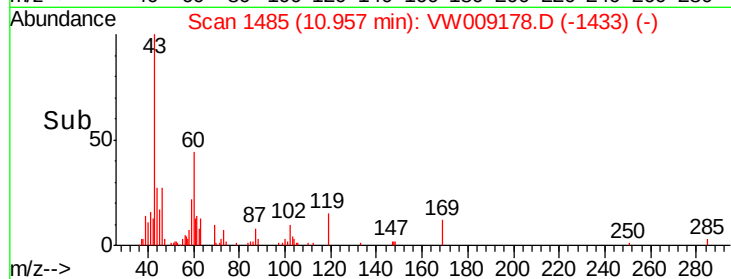
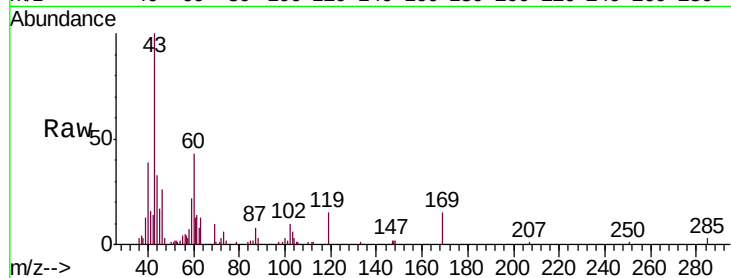
Ion Ratio Lower Upper

43 100

58 0.0 39.2 58.8#

57 0.8 14.2 21.2#

100 0.8 8.9 13.3#



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

