

Data File : VW014375.D
Acq On : 16 Dec 2019 18:00
Operator : SY/VA
Sample : K6277-11
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C71

Quant Time: Dec 17 07:31:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 17 07:27:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	879475	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	612883	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	123669	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	291933	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.68%
7) Chloroethane-d5	2.89	69	248788	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.48%
10) 1,1-Dichloroethene-d2	4.02	63	383306	16.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.16%
20) 2-Butanone-d5	7.07	46	142231	40.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.96%
24) Chloroform-d	7.64	84	607074	27.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.44%
26) 1,2-Dichloroethane-d4	8.46	65	153	0.01	ug/L	0.16
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1204535	33.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	134.12%
33) 1,2-Dichloropropane-d6	9.27	67	403774	36.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	146.16%#
37) Toluene-d8	10.32	98	902243	27.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.12%
38) trans-1,3-Dichloropropene-	10.57	79	95128	20.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.08%
39) 2-Hexanone-d5	10.92	63	105158	47.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	267851	29.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	154267	32.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	130.56%#

Target Compounds

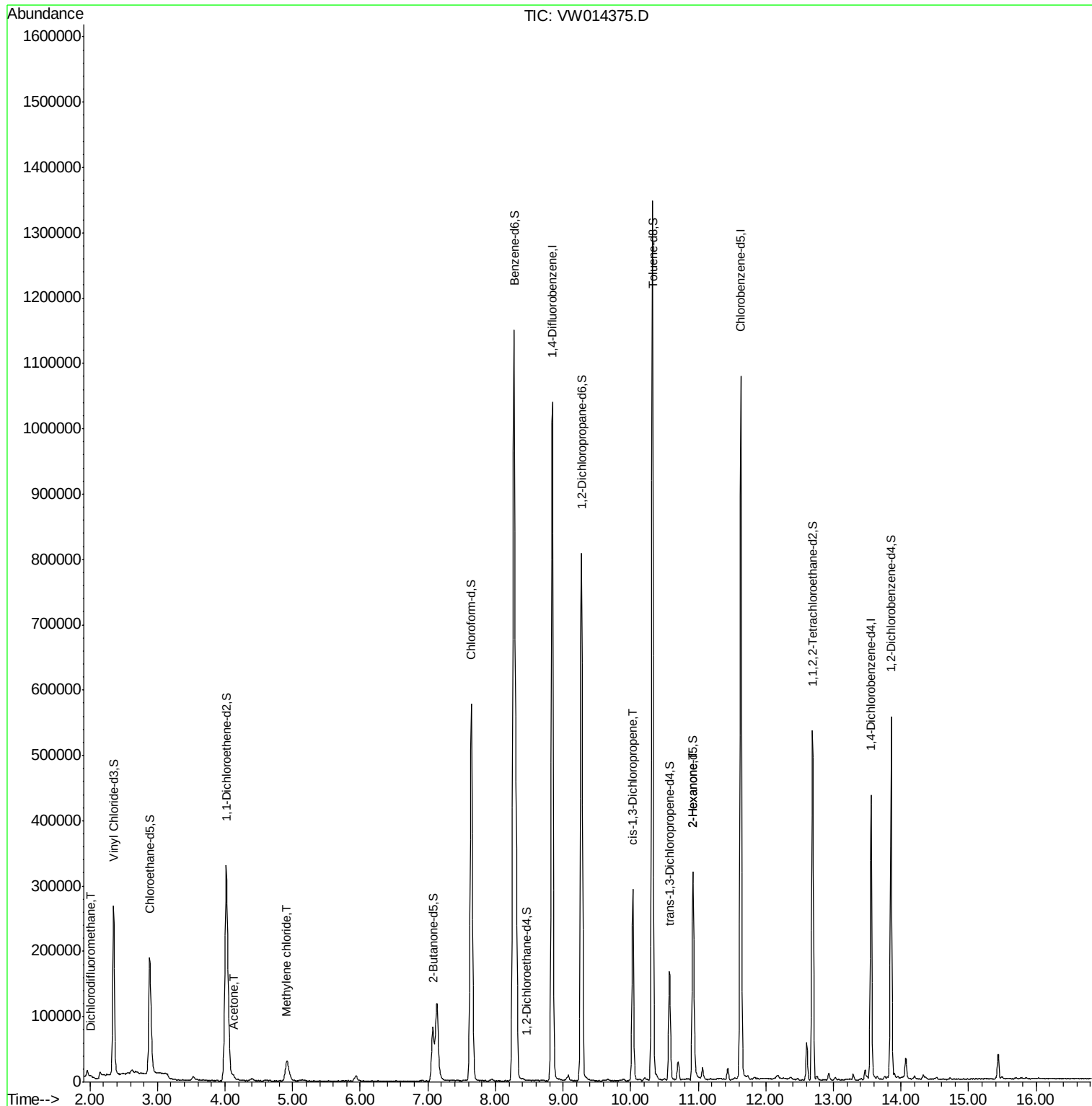
					Qvalue
2) Dichlorodifluoromethane	2.01	85	2543	0.304 ug/L	92
13) Acetone	4.12	43	11377	3.400 ug/L	95
16) Methylene chloride	4.92	84	28909	2.144 ug/L	94
42) cis-1,3-Dichloropropene	10.03	75	7102	0.476 ug/L #	80
49) 2-Hexanone	10.92	43	20261	4.329 ug/L #	66

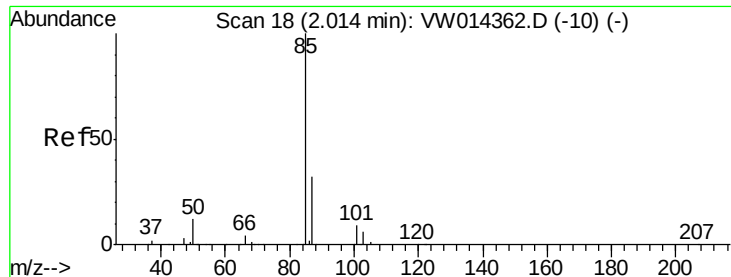
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.304 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

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Acq: 16 Dec 2019 18:00

Instrument :

MSVOA_W

ClientSampleId :

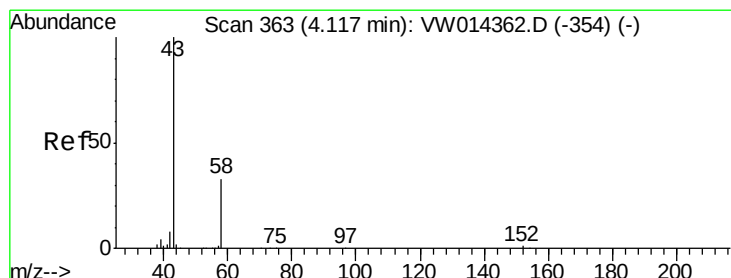
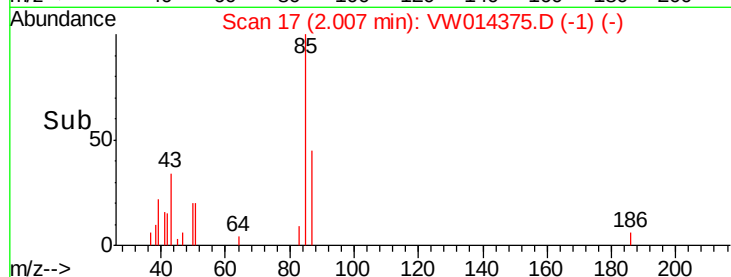
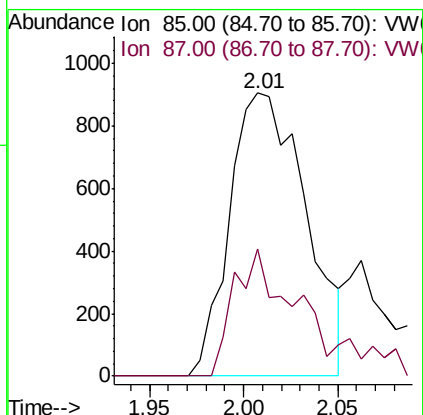
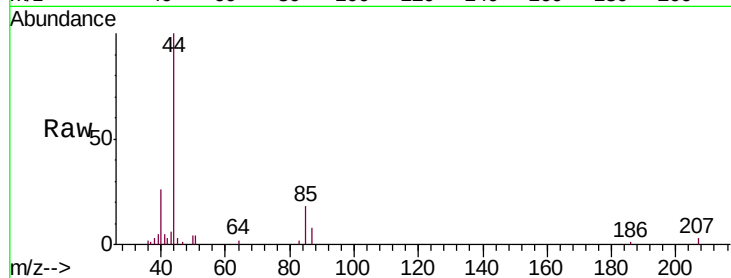
C0C71

Tgt Ion: 85 Resp: 2543

Ion Ratio Lower Upper

85 100

87 26.9 22.1 41.1



#13

Acetone

Concen: 3.400 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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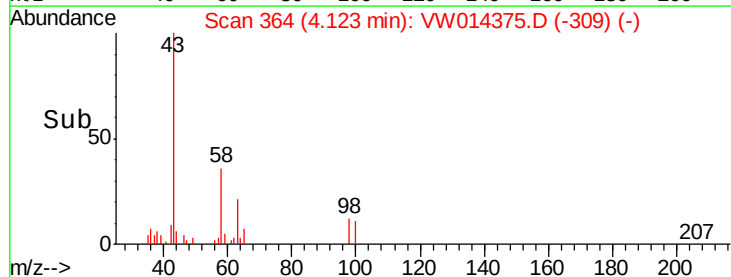
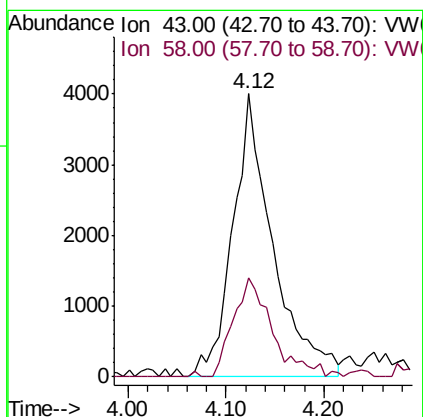
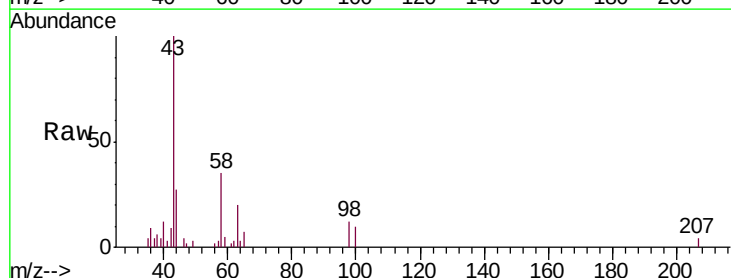
Acq: 16 Dec 2019 18:00

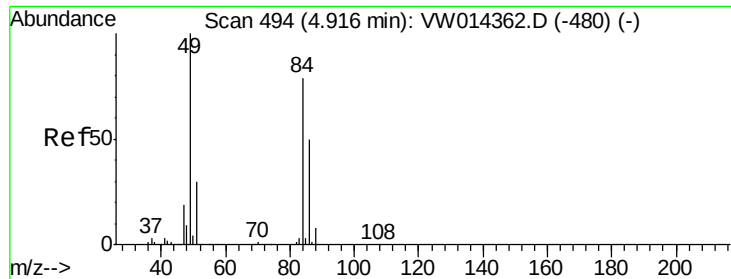
Tgt Ion: 43 Resp: 11377

Ion Ratio Lower Upper

43 100

58 30.1 0.0 65.4

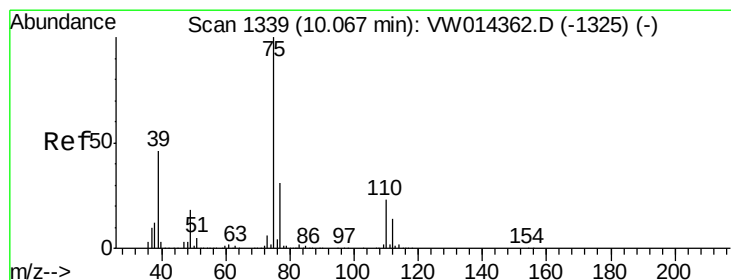
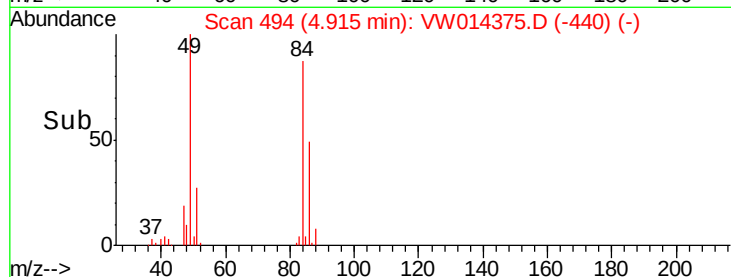
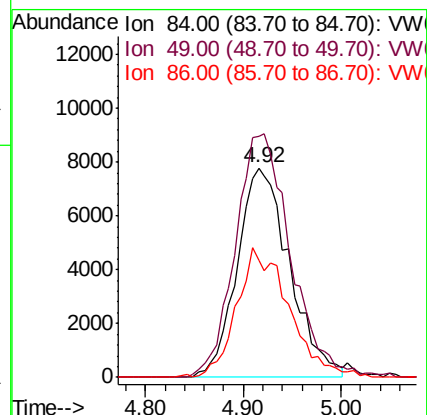
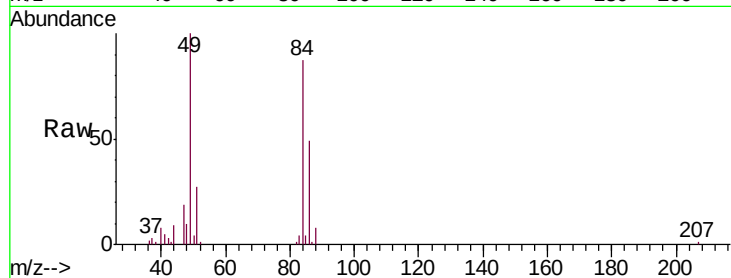




#16
Methylene chloride
Concen: 2.144 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
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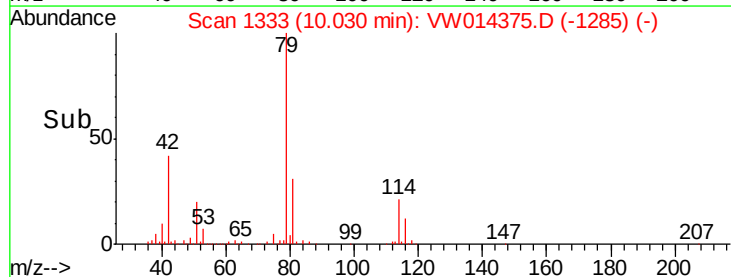
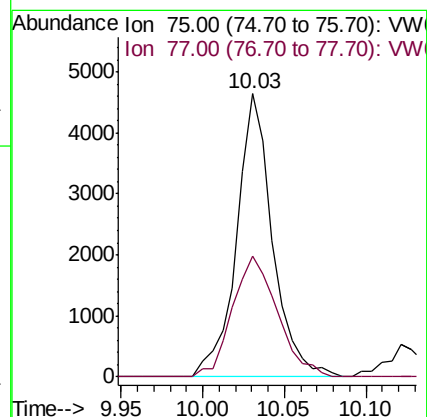
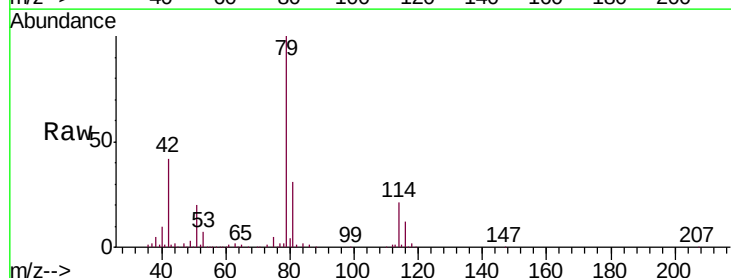
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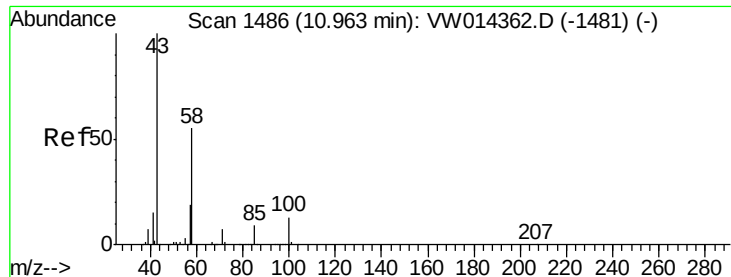
Tgt Ion: 84 Resp: 28909
Ion Ratio Lower Upper
84 100
49 115.4 84.2 156.4
86 56.0 43.7 81.1



#42
cis-1,3-Dichloropropene
Concen: 0.476 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW014375.D
Acq: 16 Dec 2019 18:00

Tgt Ion: 75 Resp: 7102
Ion Ratio Lower Upper
75 100
77 42.9 22.1 41.1#





#49

2-Hexanone

Concen: 4.329 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014375.D

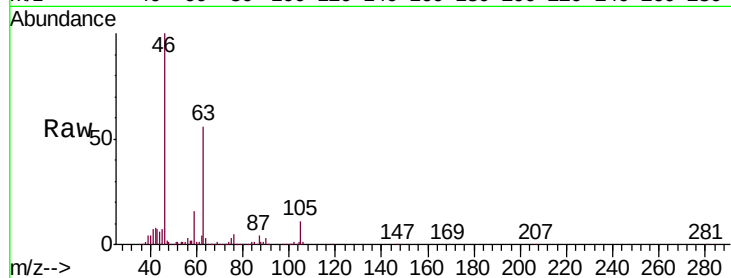
Acq: 16 Dec 2019 18:00

Instrument :

MSVOA_W

ClientSampleId :

C0C71



Tgt Ion: 43 Resp: 20261

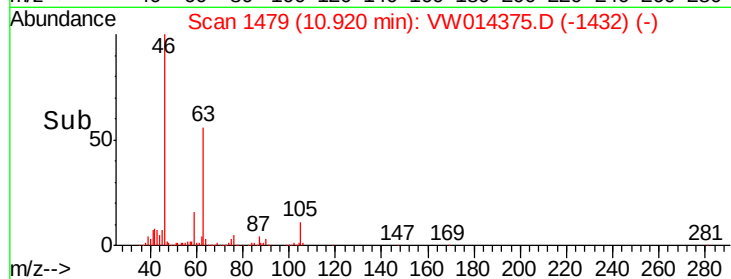
Ion Ratio Lower Upper

43 100

58 21.7 44.4 66.6#

57 23.7 16.5 24.7

100 3.9 11.1 16.7#



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

