

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061923\
 Data File : VW026252.D
 Acq On : 19 Jun 2023 17:07
 Operator : SY/MD
 Sample : 03307-16
 Misc : 5.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW34

Quant Time: Jun 20 03:18:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 23:58:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

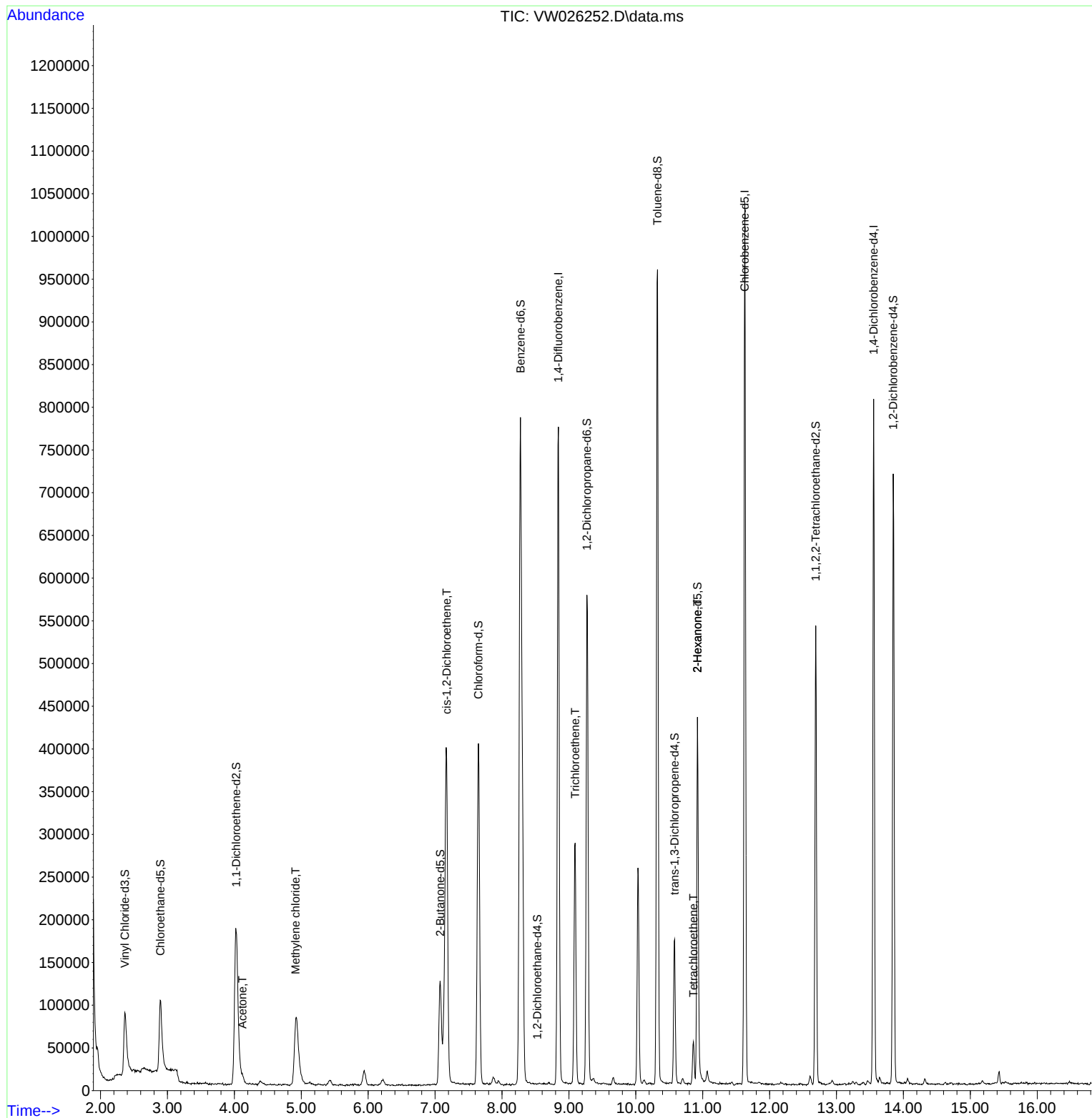
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	605274	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	530151	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	186416	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	147545	17.328	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.320%
7) Chloroethane-d5	2.893	69	141449	22.191	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.760%
11) 1,1-Dichloroethene-d2	4.027	65	78782	18.764	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.040%
21) 2-Butanone-d5	7.075	46	217014	87.541	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	175.080%#
24) Chloroform-d	7.648	84	400082	22.572	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.280%
26) 1,2-Dichloroethane-d4	8.526	65	178	0.018	ug/L	0.22
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.276	84	771880	21.638	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.560%
36) 1,2-Dichloropropane-d6	9.270	67	269542	23.850	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.400%
41) Toluene-d8	10.325	98	619412	19.579	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.320%
43) trans-1,3-Dichloroprop...	10.581	79	93292	20.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.320%
47) 2-Hexanone-d5	10.922	63	137097	76.933	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.860%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	267179	32.487	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.960%#
66) 1,2-Dichlorobenzene-d4	13.848	152	169264	23.722	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.880%
Target Compounds					Qvalue	
13) Acetone	4.118	43	9239	4.817	ug/L	70
16) Methylene chloride	4.917	84	81675	8.454	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	218143	23.818	ug/L	96
34) Trichloroethene	9.093	95	100844	10.844	ug/L	95
46) Tetrachloroethene	10.861	164	11370	1.729	ug/L	92
48) 2-Hexanone	10.922	43	20128	4.922	ug/L #	68

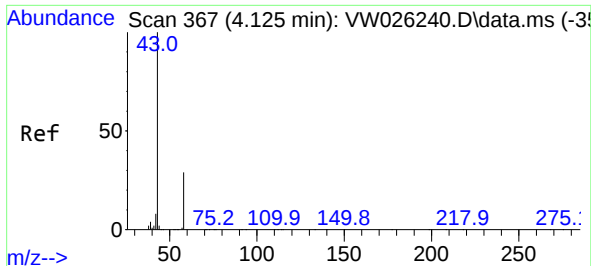
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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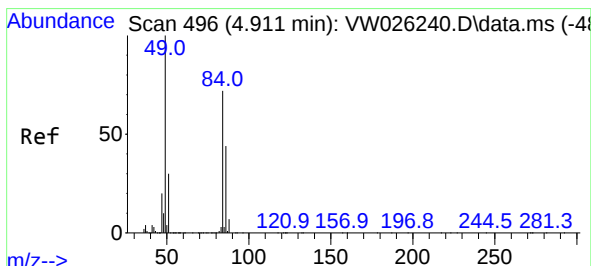
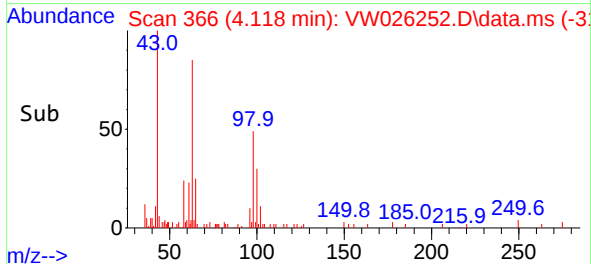
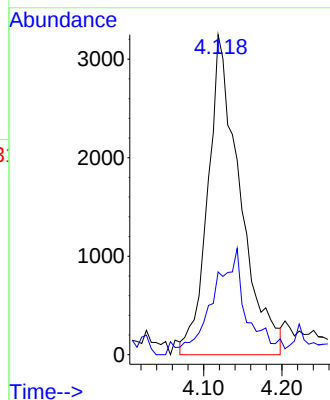
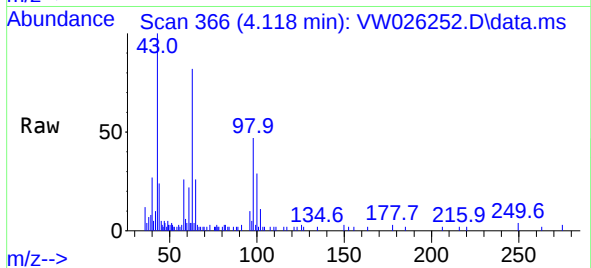




#13
Acetone
Concen: 4.817 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW026252.D
Acq: 19 Jun 2023 17:07

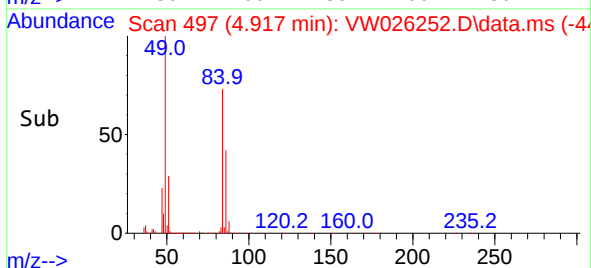
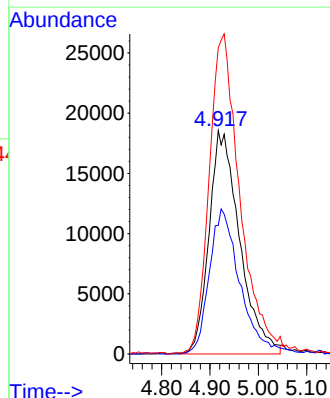
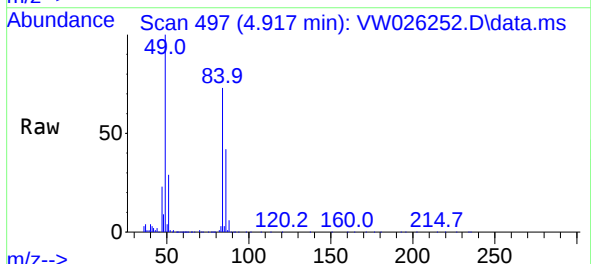
Instrument :
MSVOA_W
ClientSampleId :
YBW34

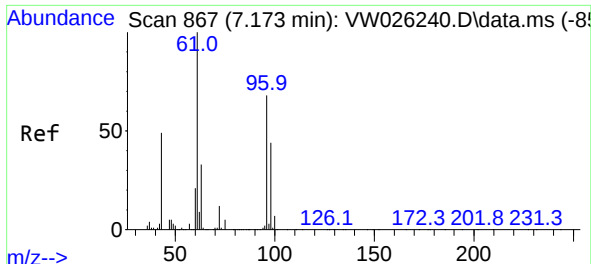
Tgt Ion: 43 Resp: 9239
Ion Ratio Lower Upper
43 100
58 13.1 0.0 58.2



#16
Methylene chloride
Concen: 8.454 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026252.D
Acq: 19 Jun 2023 17:07

Tgt Ion: 84 Resp: 81675
Ion Ratio Lower Upper
84 100
86 57.6 44.2 82.0
49 137.1 98.8 183.6

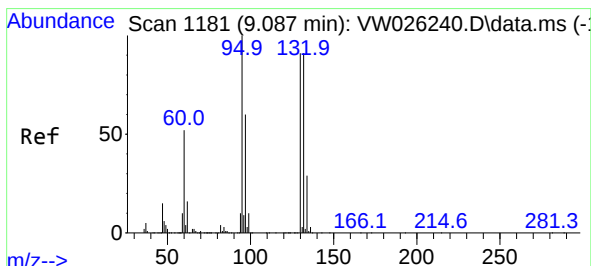
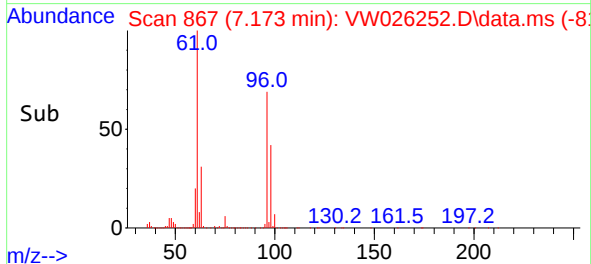
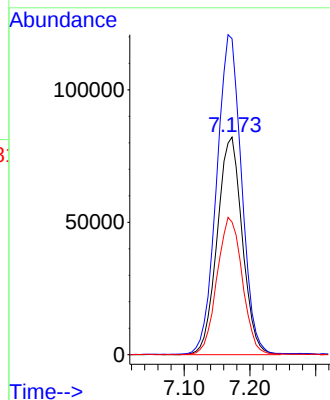
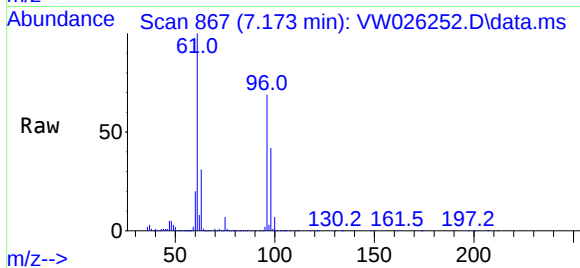




#20
cis-1,2-Dichloroethene
Concen: 23.818 ug/L
RT: 7.173 min Scan# 80
Delta R.T. 0.006 min
Lab File: VW026252.D
Acq: 19 Jun 2023 17:07

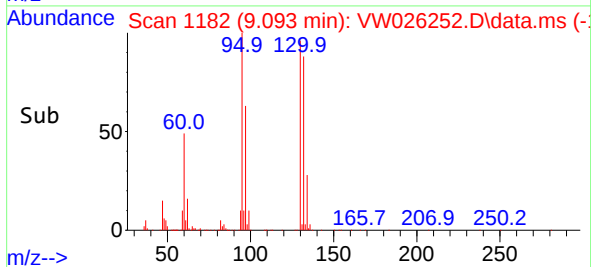
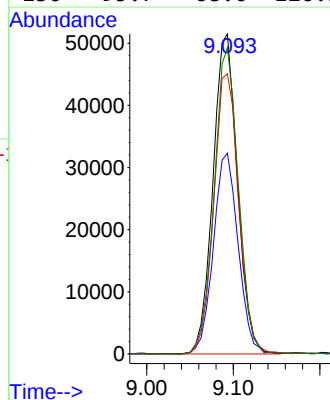
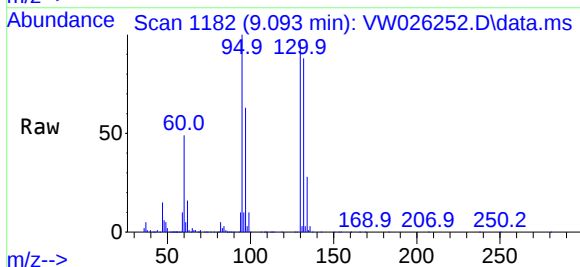
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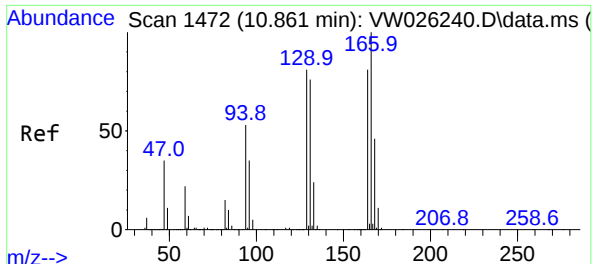
Tgt Ion: 96 Resp: 218143
Ion Ratio Lower Upper
96 100
61 145.2 98.4 182.8
98 61.0 45.2 84.0



#34
Trichloroethene
Concen: 10.844 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026252.D
Acq: 19 Jun 2023 17:07

Tgt Ion: 95 Resp: 100844
Ion Ratio Lower Upper
95 100
97 62.7 45.9 85.3
132 87.5 67.1 124.7
130 95.7 68.0 126.2





#46

Tetrachloroethene

Concen: 1.729 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW026252.D

Acq: 19 Jun 2023 17:07

Instrument :

MSVOA_W

ClientSampleId :

YBW34

Tgt Ion:164 Resp: 11370

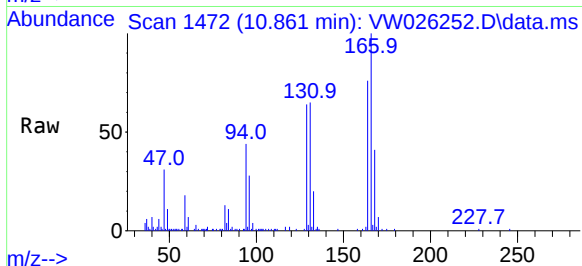
Ion Ratio Lower Upper

164 100

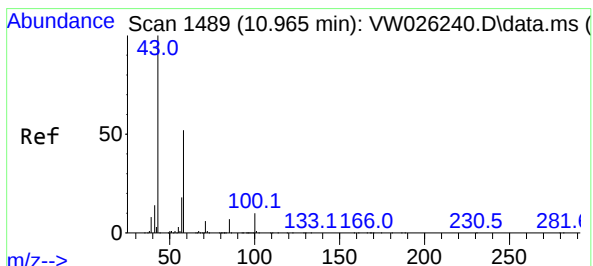
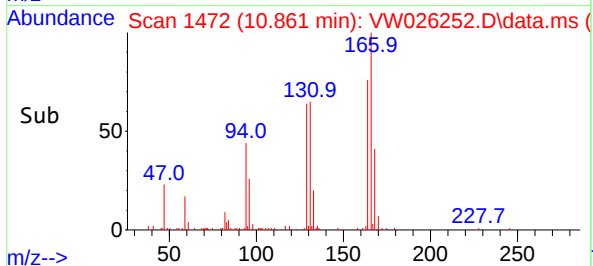
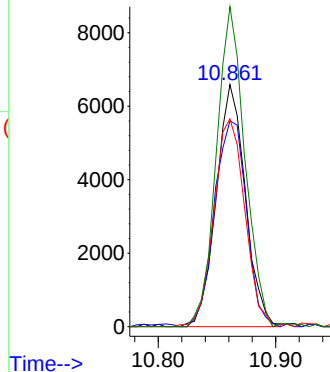
129 85.0 68.5 127.1

131 85.9 67.1 124.7

166 132.2 94.1 174.8



Abundance



#48

2-Hexanone

Concen: 4.922 ug/L

RT: 10.922 min Scan# 1482

Delta R.T. -0.043 min

Lab File: VW026252.D

Acq: 19 Jun 2023 17:07

Tgt Ion: 43 Resp: 20128

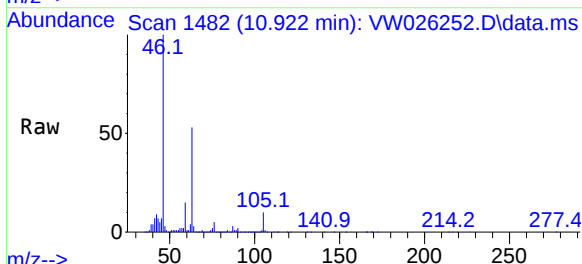
Ion Ratio Lower Upper

43 100

58 29.4 42.2 63.2#

57 32.6 14.2 21.2#

100 2.7 8.3 12.5#



Abundance

