

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032520\
 Data File : VW015137.D
 Acq On : 25 Mar 2020 15:44
 Operator : SY/VA
 Sample : L1986-02
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 05:17:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 26 05:02:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	496840	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	404698	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	105481	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	233096	27.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.68%
7) Chloroethane-d5	2.89	69	202125	28.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.28%
10) 1,1-Dichloroethene-d2	4.02	63	342776	19.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.52%
20) 2-Butanone-d5	7.08	46	129010	66.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.12%
24) Chloroform-d	7.65	84	406230	27.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.44%
26) 1,2-Dichloroethane-d4	8.41	65	277	0.03	ug/L	0.11
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	792580	30.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.40%
33) 1,2-Dichloropropane-d6	9.27	67	274329	31.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.52%#
37) Toluene-d8	10.32	98	616712	27.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.72%
38) trans-1,3-Dichloropropene-	10.58	79	96644	29.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	117.40%
39) 2-Hexanone-d5	10.93	63	82809	65.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	170227	28.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	107463	29.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.12%

Target Compounds

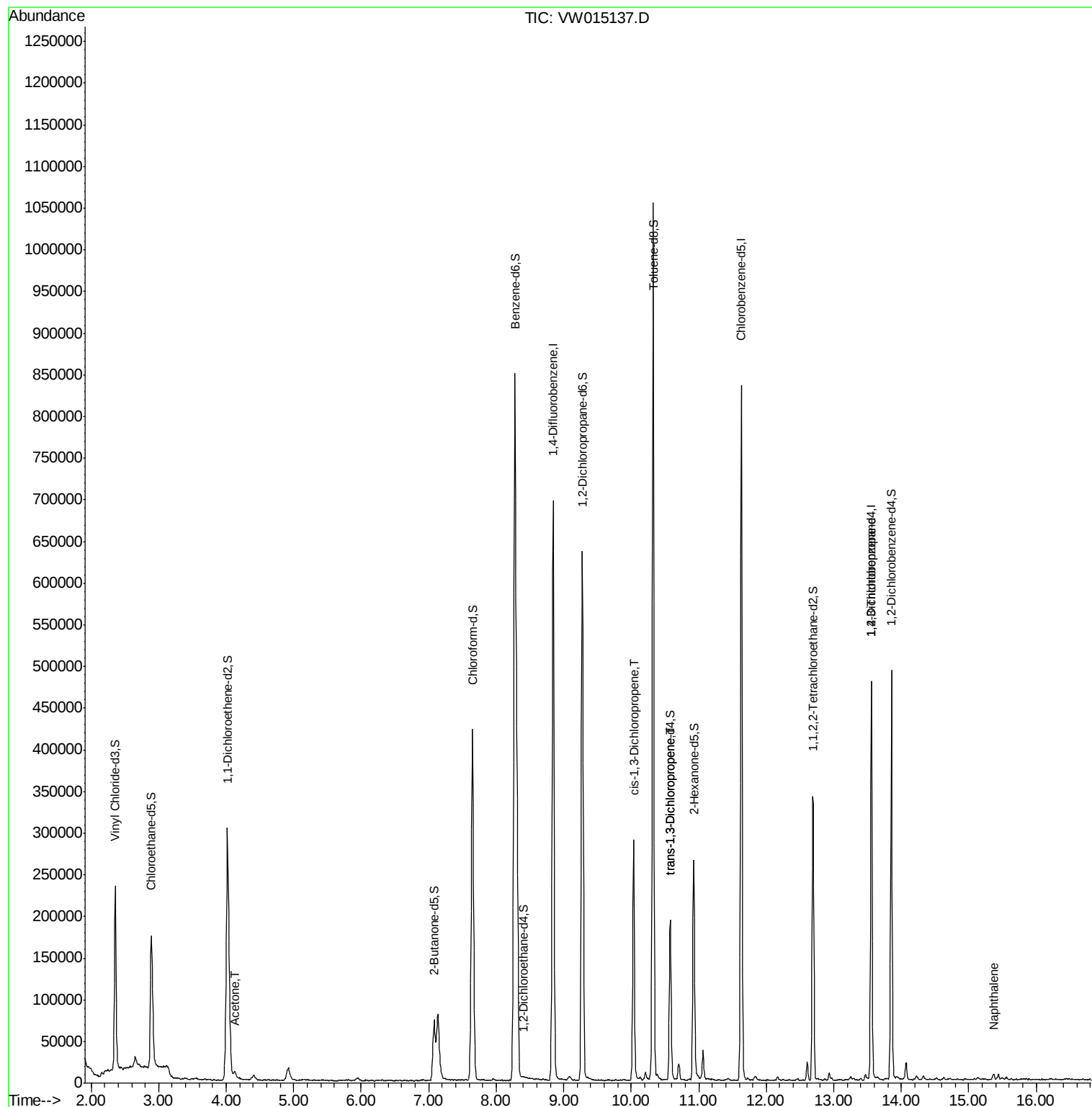
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	15346	8.804	ug/L	76
42) cis-1,3-Dichloropropene	10.03	75	7784	0.718	ug/L #	83
45) trans-1,3-Dichloropropene	10.58	75	5386	0.568	ug/L	97
59) 1,2,3-Trichloropropane	13.55	75	18883	4.156	ug/L	97
69) Naphthalene	15.37	128	5526	0.847	ug/L #	96

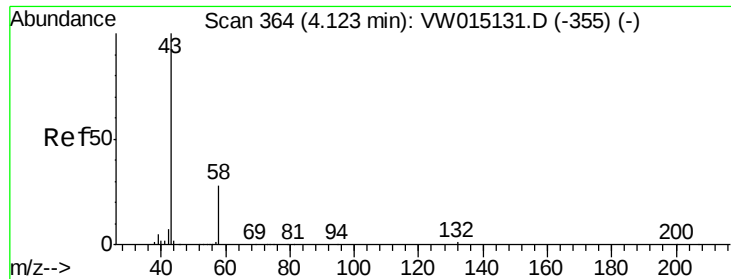
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032520\
Data File : VW015137.D
Acq On : 25 Mar 2020 15:44
Operator : SY/VA
Sample : L1986-02
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Mar 26 05:17:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 26 05:02:00 2020
Response via : Initial Calibration

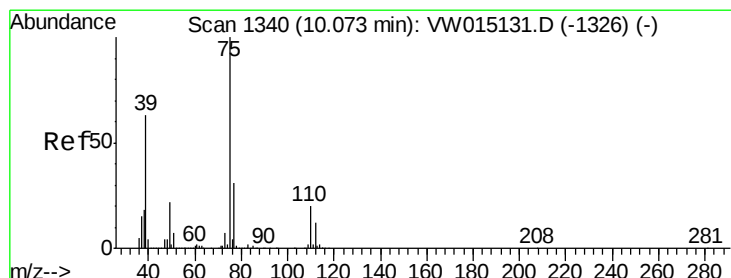
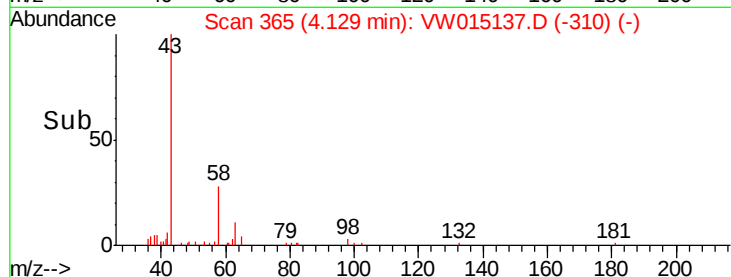
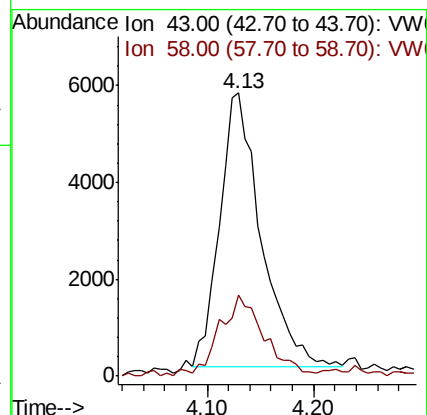
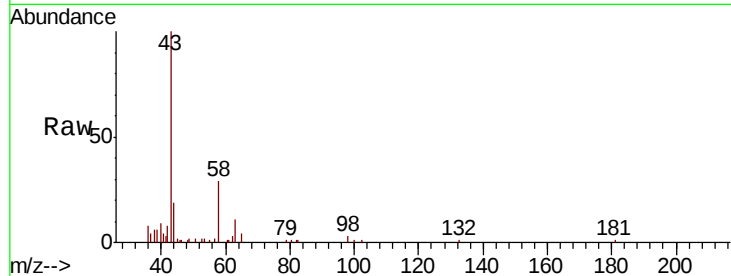




#13
Acetone
Concen: 8.804 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW015137.D
Acq: 25 Mar 2020 15:44

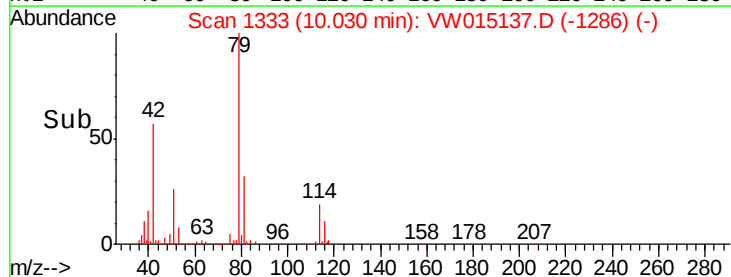
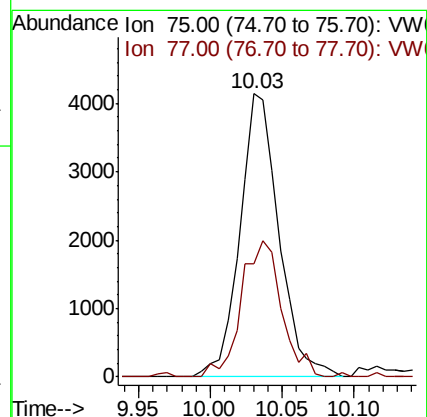
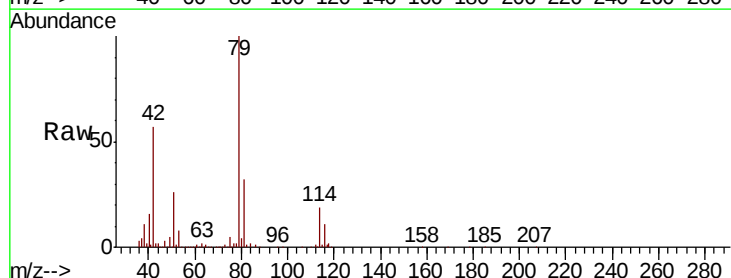
Instrument :
MSVOA_W
ClientSampleId :

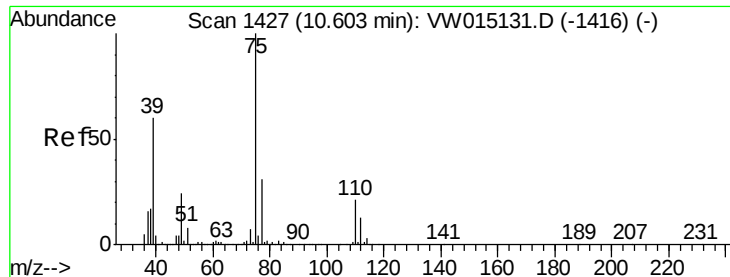
Tot Ion: 43 Resp: 15346
Ion Ratio Lower Upper
43 100
58 14.9 0.0 54.4



#42
cis-1,3-Dichloropropene
Concen: 0.718 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW015137.D
Acq: 25 Mar 2020 15:44

Tgt Ion: 75 Resp: 7784
Ion Ratio Lower Upper
75 100
77 40.1 21.4 39.8#





#45

trans-1,3-Dichloropropene

Concen: 0.568 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW015137.D

Acq: 25 Mar 2020 15:44

Instrument :

MSVOA_W

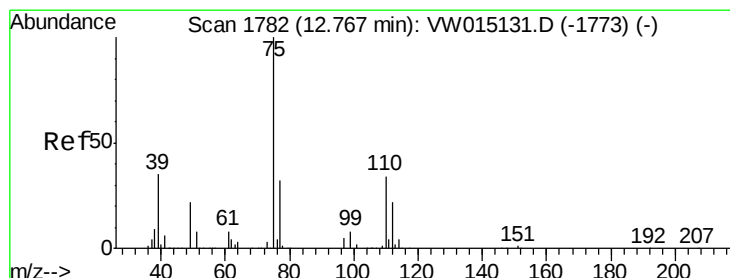
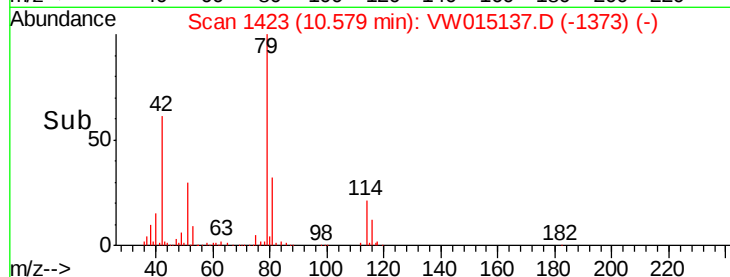
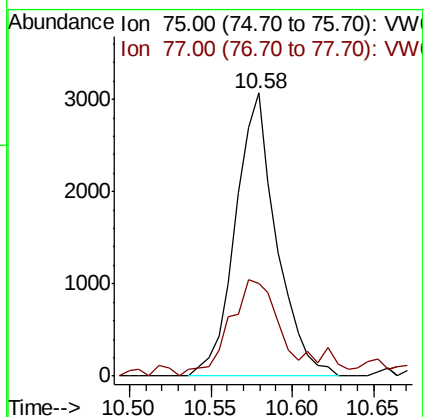
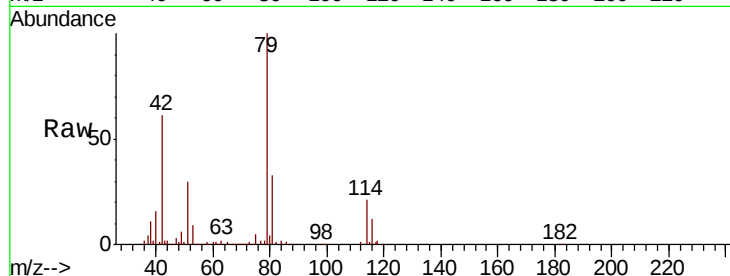
ClientSampleId :

Tot Ion: 75 Resp: 5386

Ion Ratio Lower Upper

75 100

77 32.7 21.8 40.4



#59

1,2,3-Trichloropropane

Concen: 4.156 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015137.D

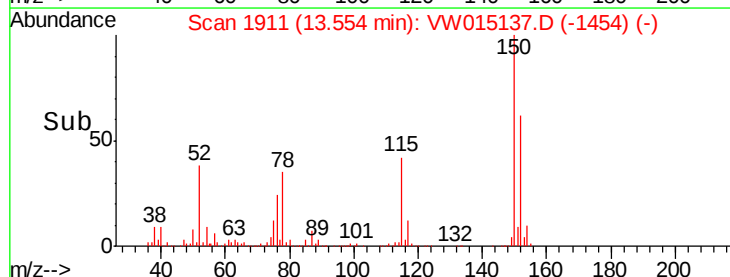
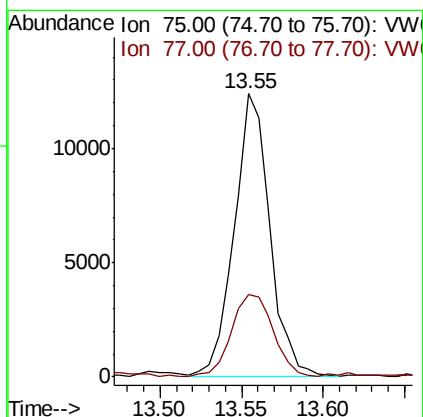
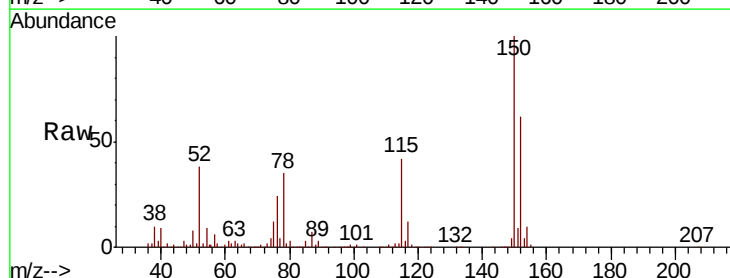
Acq: 25 Mar 2020 15:44

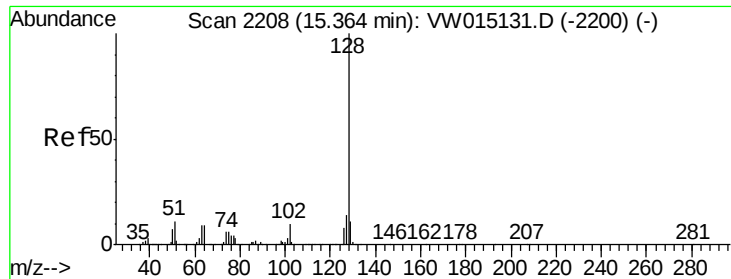
Tgt Ion: 75 Resp: 18883

Ion Ratio Lower Upper

75 100

77 34.1 25.8 38.6





#69

Naphthalene

Concen: 0.847 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW015137.D

Acq: 25 Mar 2020 15:44

Instrument :

MSVOA_W

ClientSampleId :

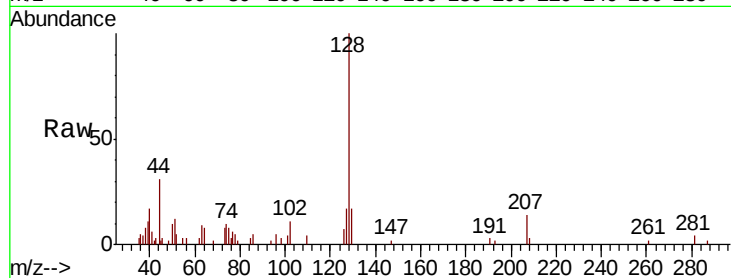
Tot Ion:128 Resp: 5526

Ion Ratio Lower Upper

128 100

129 14.6 8.9 13.3#

127 13.7 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

