

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
 Data File : VW014654.D
 Acq On : 15 Jan 2020 16:37
 Operator : SY/VA
 Sample : L1118-05
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 16 01:21:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 01:18:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1350511	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1195878	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	566219	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	420204	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.28%
7) Chloroethane-d5	2.89	69	335976	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.80%
10) 1,1-Dichloroethene-d2	4.01	63	603260	17.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.28%
20) 2-Butanone-d5	7.07	46	188266	41.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.12%
24) Chloroform-d	7.65	84	719609	23.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.64%
26) 1,2-Dichloroethane-d4	8.31	65	361803	22.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.76%
29) Benzene-d6	8.27	84	1601189	25.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.72%
33) 1,2-Dichloropropane-d6	9.27	67	479254	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.24%
37) Toluene-d8	10.32	98	1452406	25.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.76%
38) trans-1,3-Dichloropropene-	10.58	79	181794	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.08%
39) 2-Hexanone-d5	10.92	63	152075	46.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	330759	23.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	490580	26.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.16%

Target Compounds

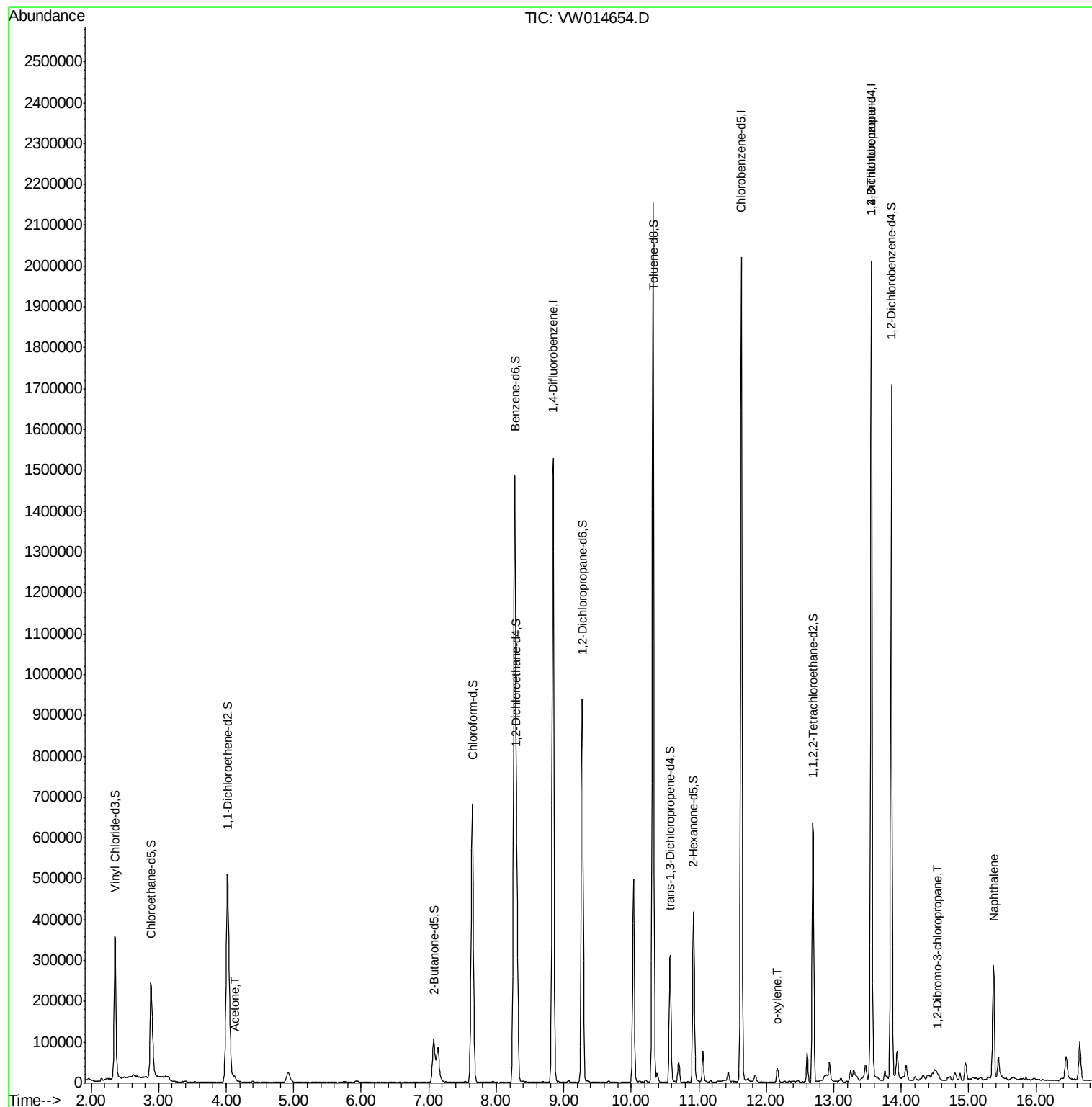
					Ovalue
13) Acetone	4.12	43	20249	3.228 ug/L	93
55) o-xylene	12.16	106	8419	0.285 ug/L	92
59) 1,2,3-Trichloropropane	13.55	75	63165	5.383 ug/L	91
66) 1,2-Dibromo-3-chloropropan	14.54	75	2922	1.228 ug/L #	1
69) Naphthalene	15.36	128	252078	7.335 ug/L	99

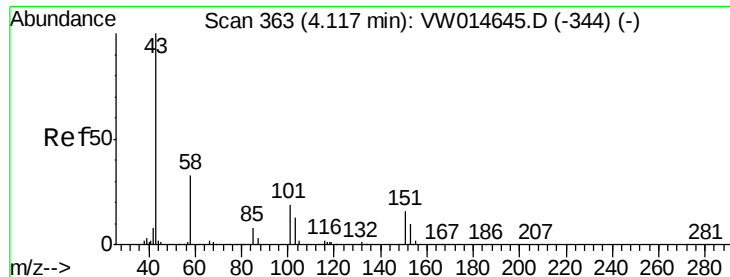
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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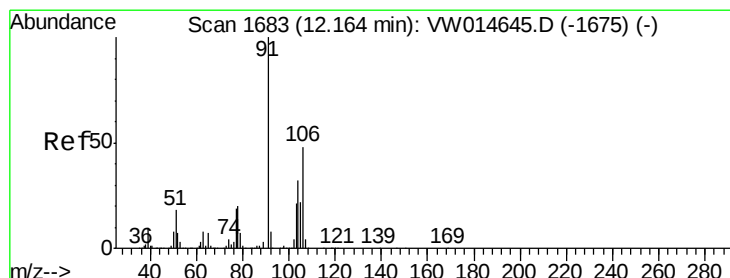
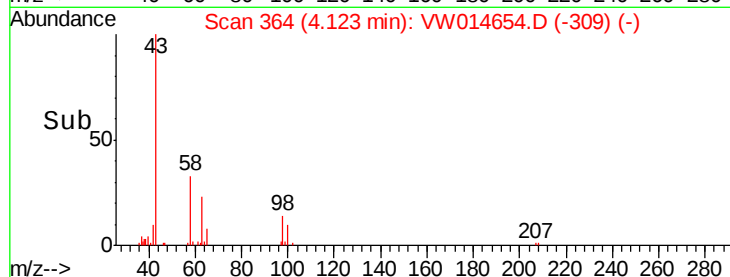
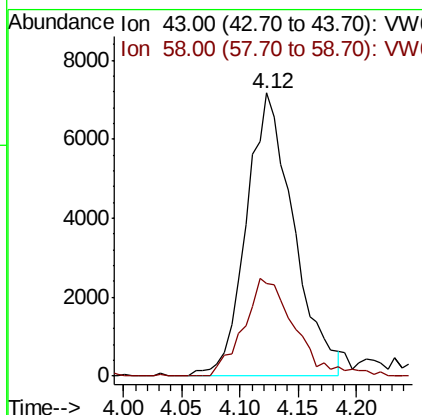
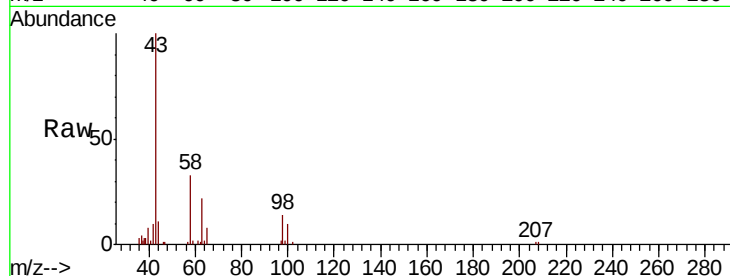




#13
Acetone
Concen: 3.228 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014654.D
Acq: 15 Jan 2020 16:37

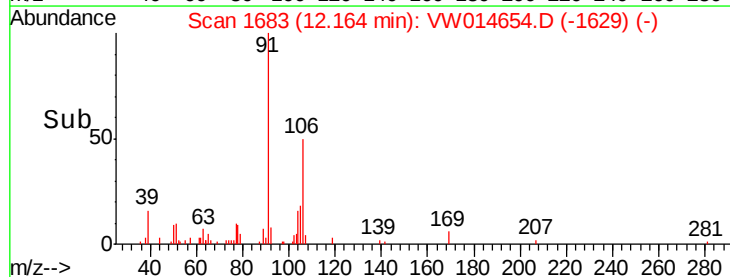
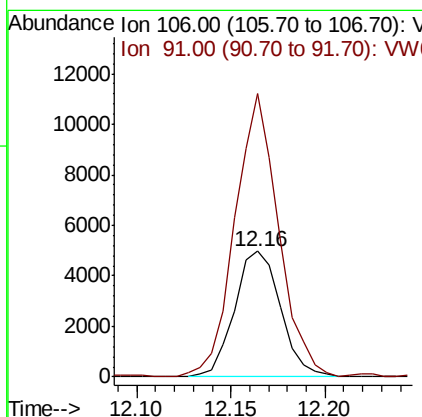
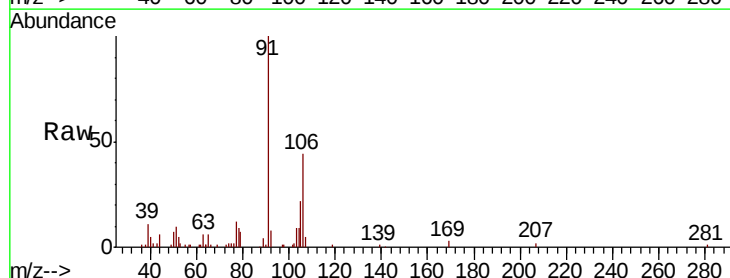
Instrument :
MSVOA_W
ClientSampled :

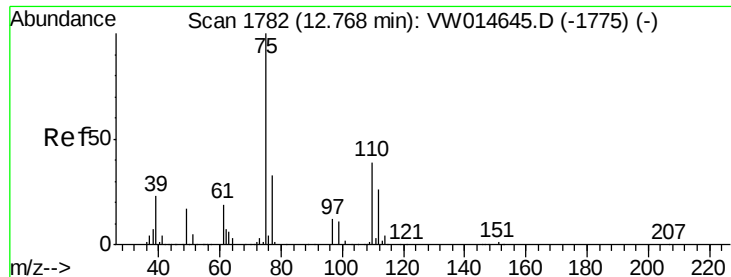
Tot Ion: 43 Resp: 20249
Ion Ratio Lower Upper
43 100
58 36.1 0.0 64.0



#55
o-xylene
Concen: 0.285 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014654.D
Acq: 15 Jan 2020 16:37

Tgt Ion:106 Resp: 8419
Ion Ratio Lower Upper
106 100
91 225.5 148.7 276.1





#59

1,2,3-Trichloropropane

Concen: 5.383 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014654.D

Acq: 15 Jan 2020 16:37

Instrument :

MSVOA_W

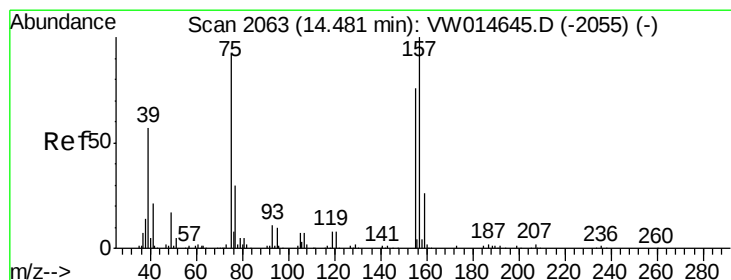
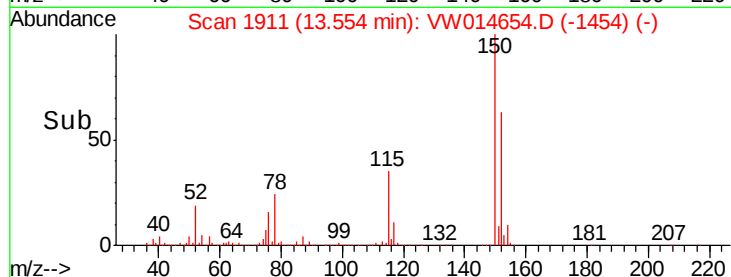
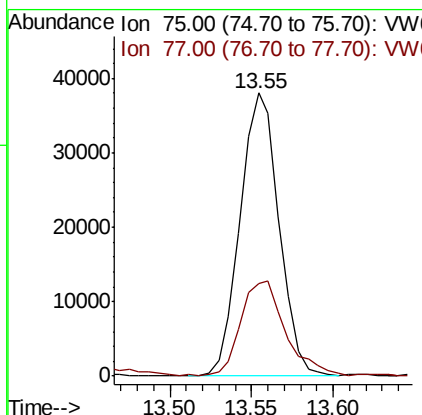
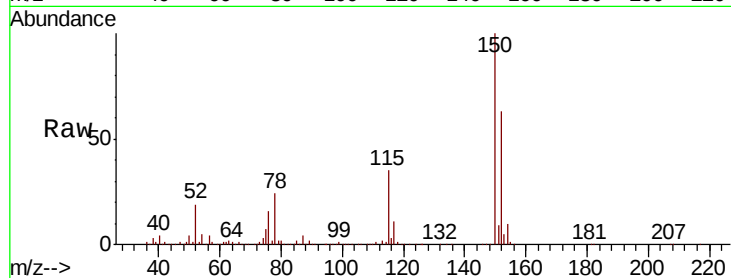
ClientSampleId :

Tot Ion: 75 Resp: 63165

Ion Ratio Lower Upper

75 100

77 37.9 26.2 39.2



#66

1,2-Dibromo-3-chloropropane

Concen: 1.228 ug/L

RT: 14.54 min Scan# 2072

Delta R.T. 0.05 min

Lab File: VW014654.D

Acq: 15 Jan 2020 16:37

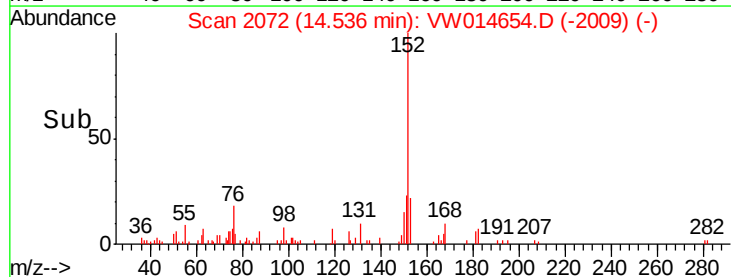
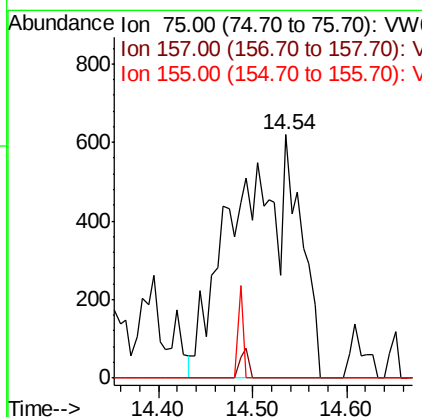
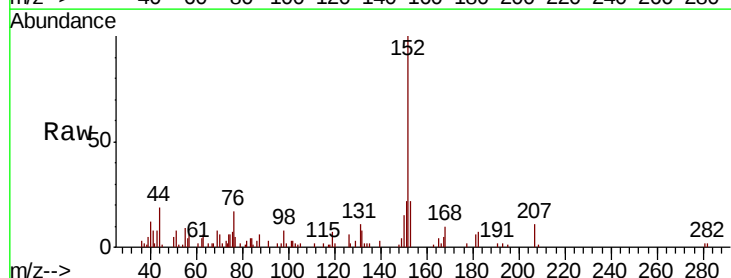
Tgt Ion: 75 Resp: 2922

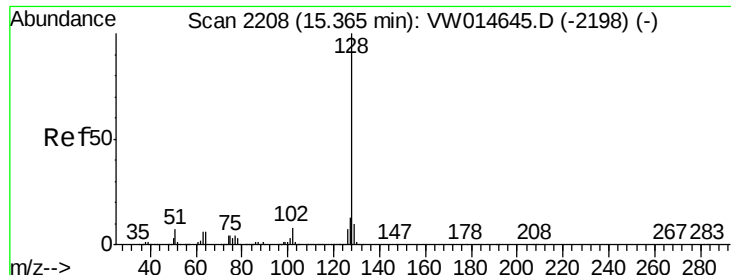
Ion Ratio Lower Upper

75 100

157 0.0 87.2 130.8#

155 0.0 67.8 101.8#





#69

Naphthalene

Concen: 7.335 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

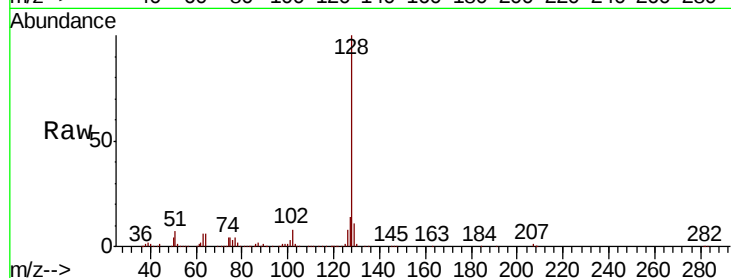
Lab File: VW014654.D

Acq: 15 Jan 2020 16:37

Instrument :

MSVOA_W

ClientSampleId :



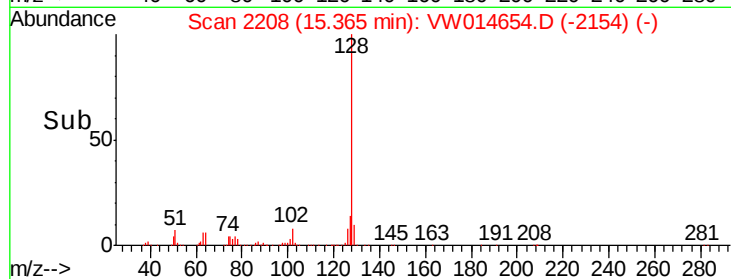
Tot Ion:128 Resp: 252078

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 13.5 10.6 16.0



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

