

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
 Data File : VW010120.D
 Acq On : 24 Apr 2019 20:35
 Operator : SY/VA
 Sample : K2481-23
 Misc : 5.08G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX6

Quant Time: Apr 25 01:40:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 01:36:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	831088	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	778614	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	358416	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93696	11.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.16%
7) Chloroethane-d5	2.89	69	95629	14.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.28%
10) 1,1-Dichloroethene-d2	4.01	63	235123	10.08	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.32%#
20) 2-Butanone-d5	7.07	46	115828	30.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.74%
24) Chloroform-d	7.65	84	407421	18.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.64%
26) 1,2-Dichloroethane-d4	8.30	65	230481	17.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.24%
29) Benzene-d6	8.27	84	780957	17.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.84%
33) 1,2-Dichloropropane-d6	9.27	67	255449	18.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.32%
37) Toluene-d8	10.32	98	678633	16.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.76%
38) trans-1,3-Dichloropropene-	10.57	79	86693	13.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.76%
39) 2-Hexanone-d5	10.93	63	81861	28.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	188051	16.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	256198	19.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.24%

Target Compounds

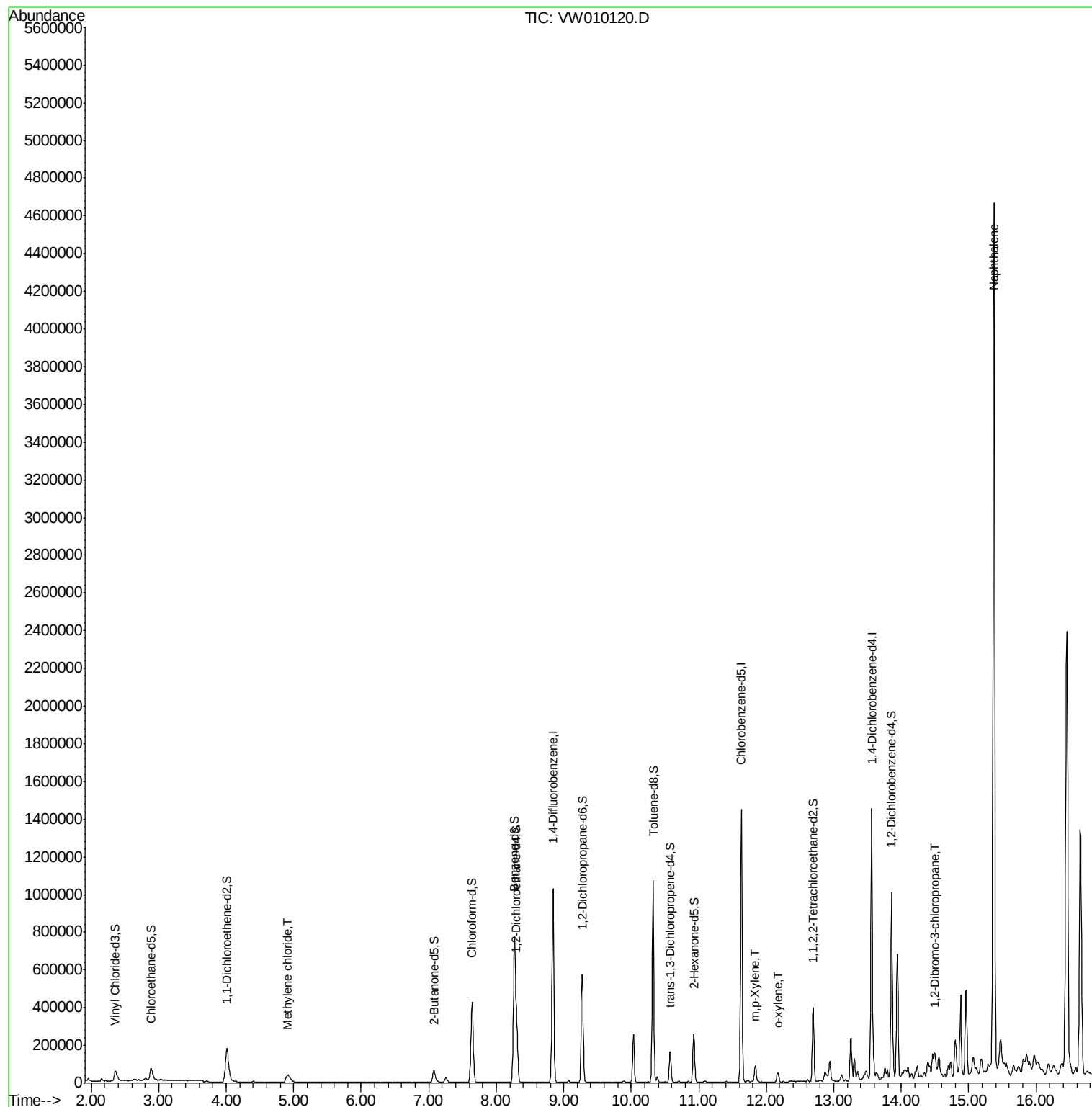
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Methylene chloride	4.92	84	42169	3.620	ug/L	95
54) m,p-Xylene	11.84	106	20652	0.992	ug/L	94
55) o-xylene	12.16	106	9863	0.500	ug/L	87
66) 1,2-Dibromo-3-chloropropan	14.49	75	5168	2.636	ug/L #	8
69) Naphthalene	15.37	128	3871423	115.216	ug/L	99

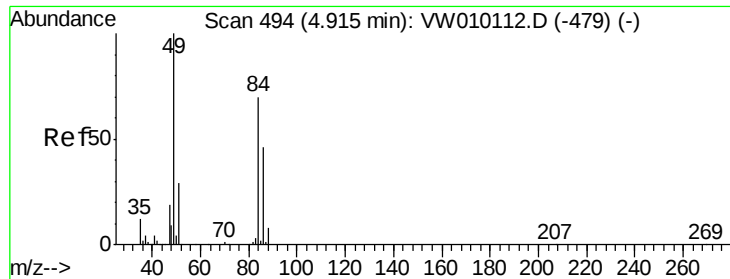
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 25 01:36:45 2019
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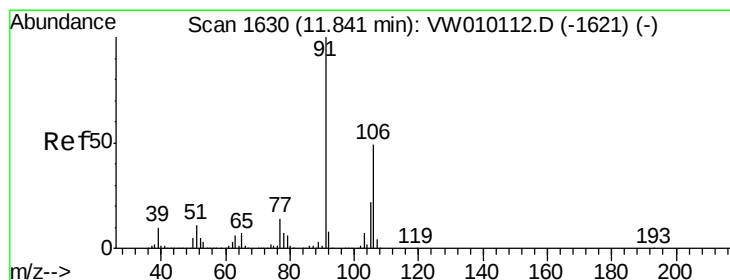
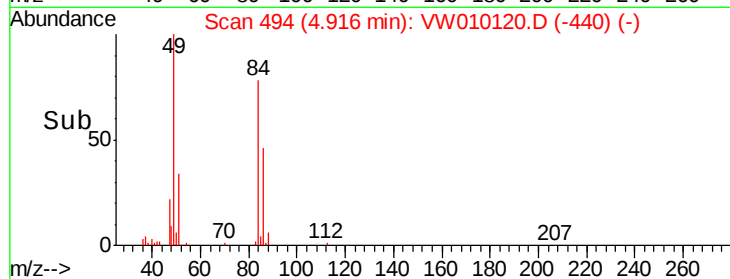
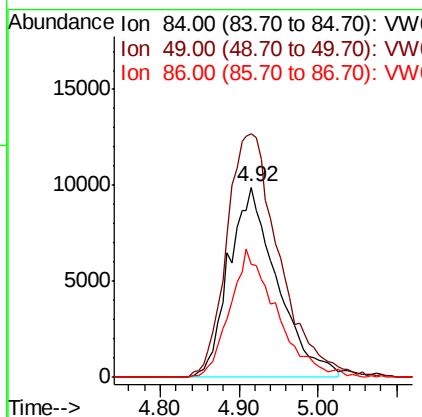
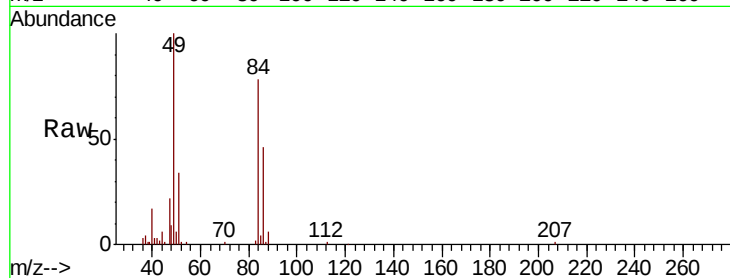




#16
Methylene chloride
Concen: 3.620 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010120.D
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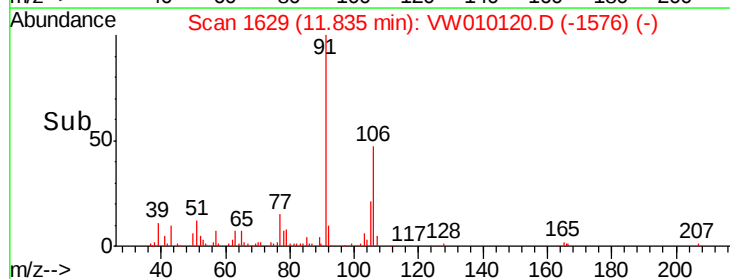
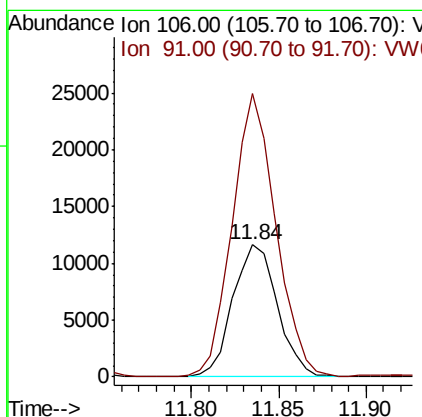
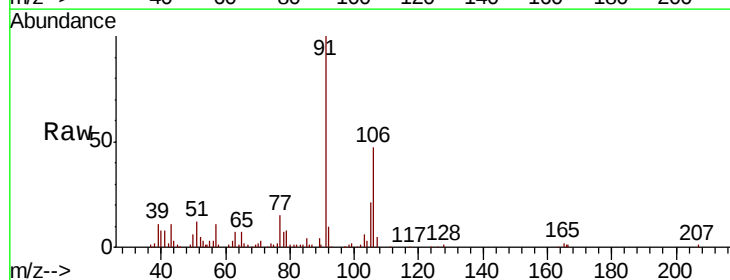
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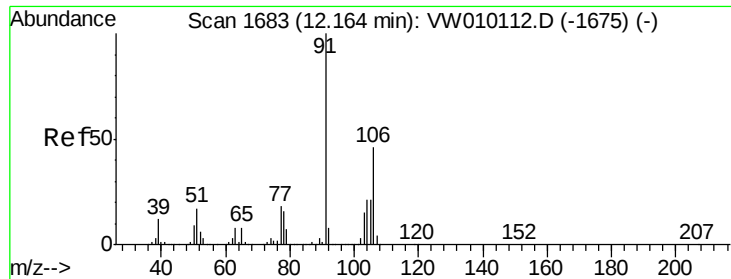
Tgt Ion: 84 Resp: 42169
Ion Ratio Lower Upper
84 100
49 128.1 93.5 173.7
86 59.3 44.9 83.5



#54
m,p-Xylene
Concen: 0.992 ug/L
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW010120.D
Acq: 24 Apr 2019 20:35

Tgt Ion: 106 Resp: 20652
Ion Ratio Lower Upper
106 100
91 214.5 143.4 266.4

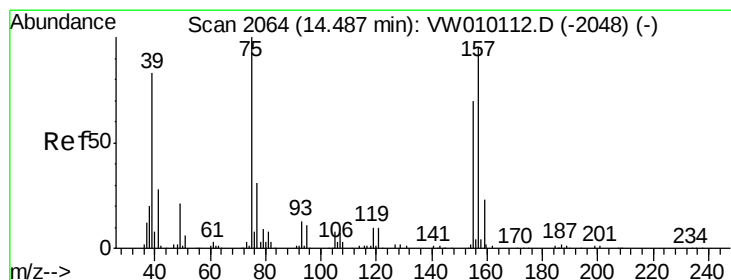
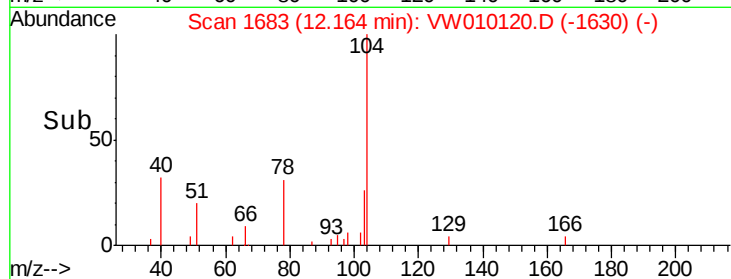
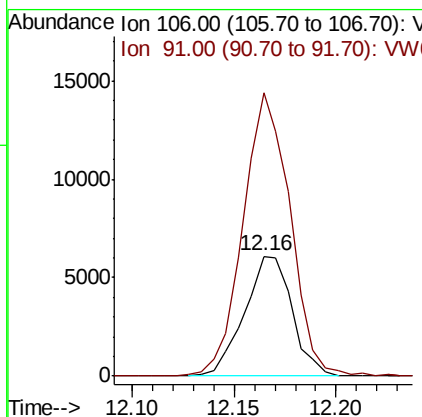
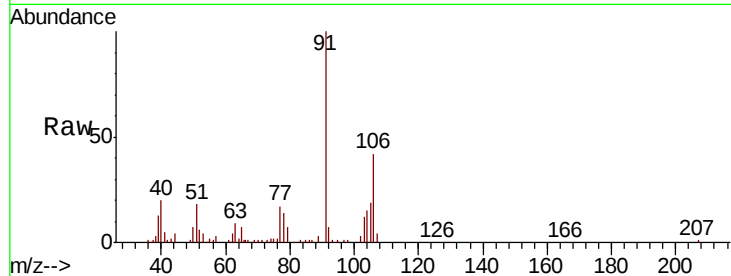




#55
o-xylene
Concen: 0.500 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010120.D
Acq: 24 Apr 2019 20:35

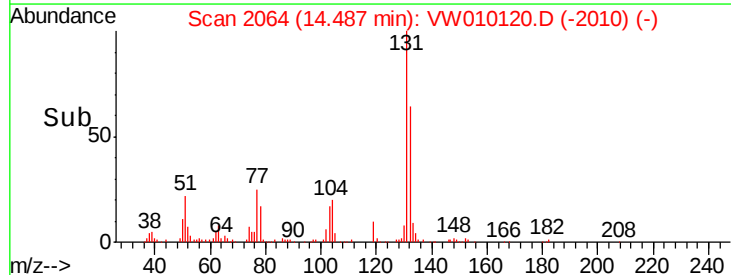
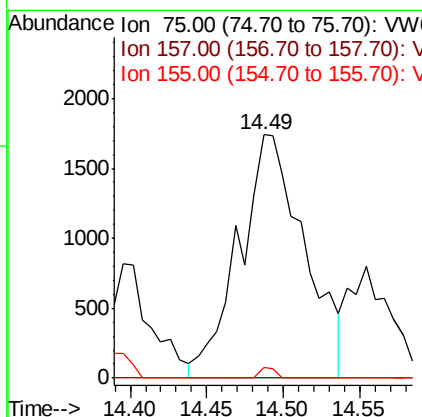
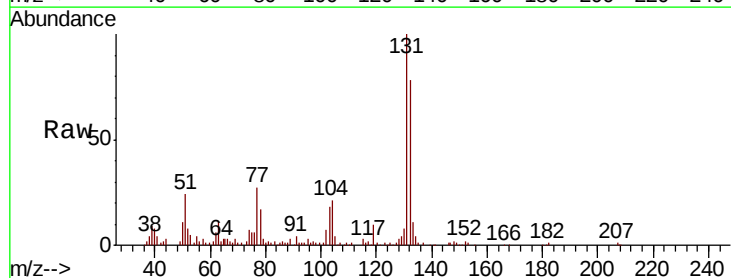
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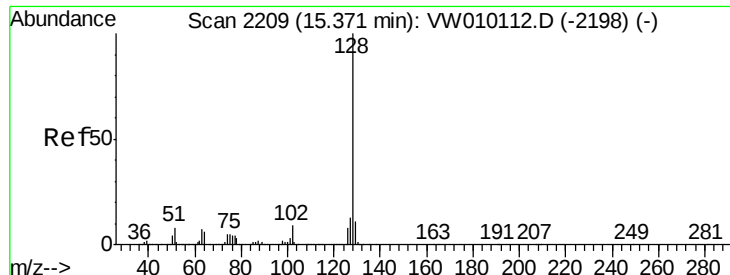
Tgt Ion: 106 Resp: 9863
Ion Ratio Lower Upper
106 100
91 236.3 151.4 281.2



#66
1,2-Dibromo-3-chloropropane
Concen: 2.636 ug/L
RT: 14.49 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VW010120.D
Acq: 24 Apr 2019 20:35

Tgt Ion: 75 Resp: 5168
Ion Ratio Lower Upper
75 100
157 0.0 78.4 117.6#
155 4.4 60.2 90.2#





#69

Naphthalene

Concen: 115.216 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010120.D

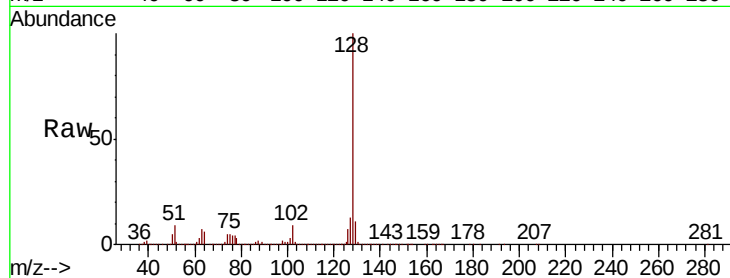
Acq: 24 Apr 2019 20:35

Instrument :

MSVOA_W

ClientSampleId :

GAHX6



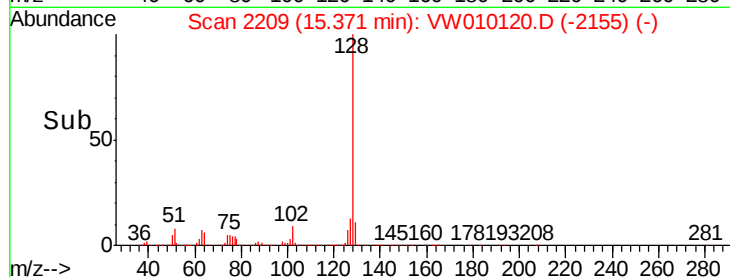
Tgt Ion:128 Resp: 3871423

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.1 10.8 16.2



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

