

Data File : VU031713.D
Acq On : 02 May 2019 15:31
Operator : JC/SP
Sample : K2661-06 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B26

Quant Time: May 03 04:42:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 04:37:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	978717	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	919943	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	419314	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	417546	50.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.96%
7) Chloroethane-d5	1.68	69	306201	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.74%
11) 1,1-Dichloroethene-d2	2.27	63	593956	36.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.82%
21) 2-Butanone-d5	4.19	46	729366	98.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.28%
24) Chloroform-d	4.64	84	648468	43.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.46%
26) 1,2-Dichloroethane-d4	5.30	65	429179	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.58%
32) Benzene-d6	5.33	84	1396566	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.88%
36) 1,2-Dichloropropane-d6	6.32	67	470138	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.60%
41) Toluene-d8	7.56	98	1223282	49.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.44%
43) trans-1,3-Dichloropropene-	7.85	79	201568	47.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.50%
47) 2-Hexanone-d5	8.31	63	515574	119.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.85%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	596077	44.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.38%
64) 1,2-Dichlorobenzene-d4	11.85	152	413922	46.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.88%

Target Compounds

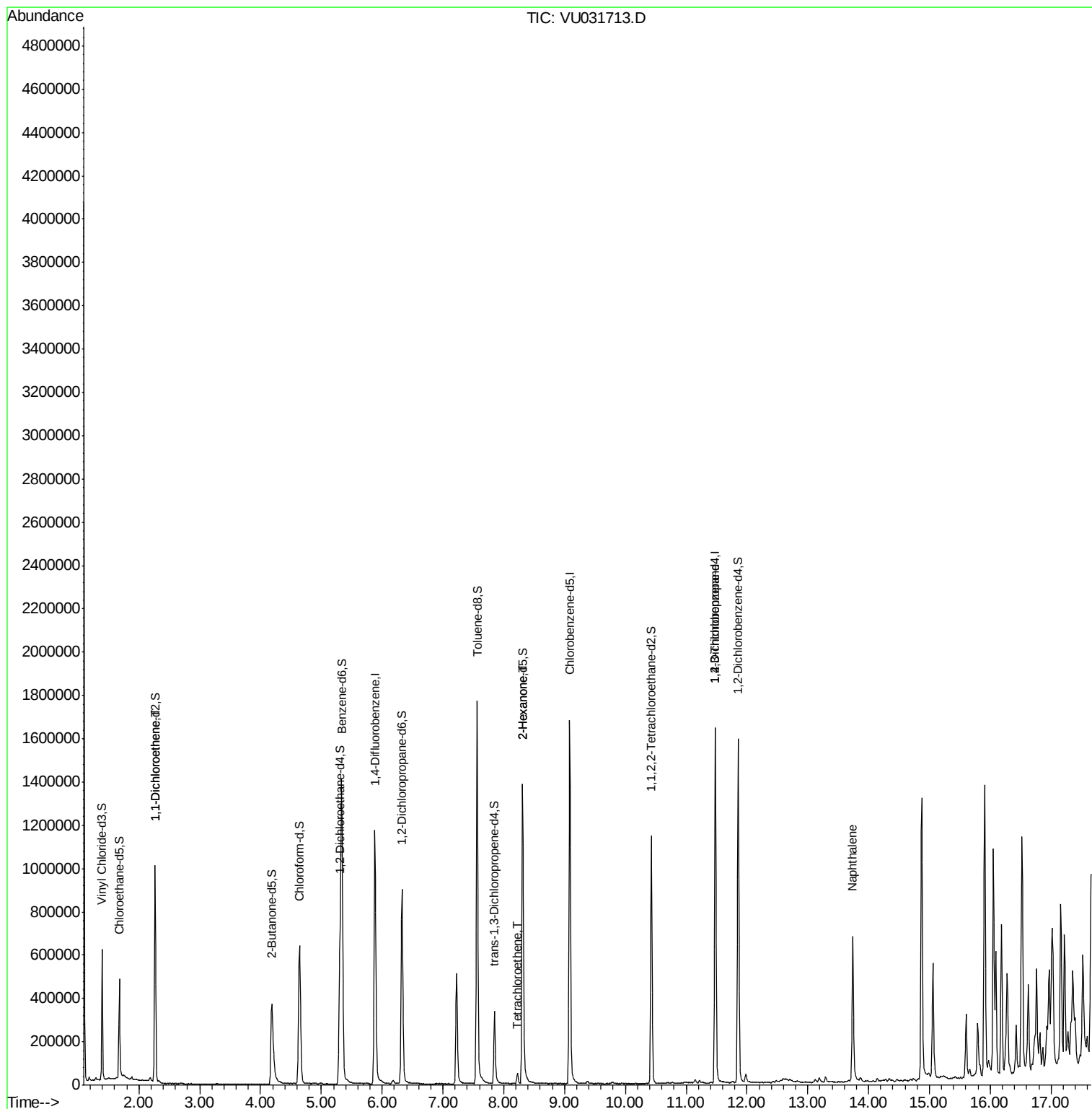
					Qvalue
12) 1,1-Dichloroethene	2.27	96	4398	0.576 ug/L #	1
46) Tetrachloroethene	8.22	164	11214	2.006 ug/L	84
48) 2-Hexanone	8.31	43	59484	4.978 ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	56427	4.957 ug/L	96
69) Naphthalene	13.74	128	570531	20.332 ug/L	99

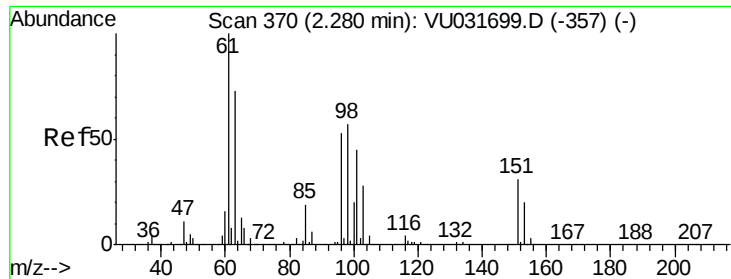
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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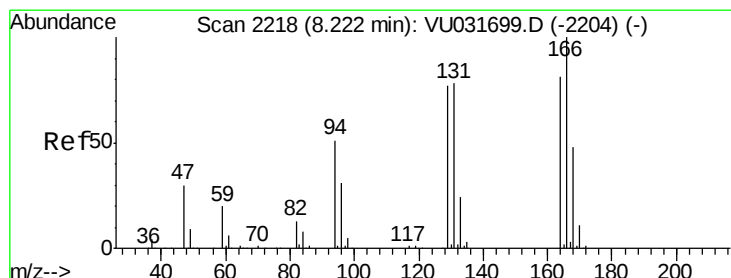
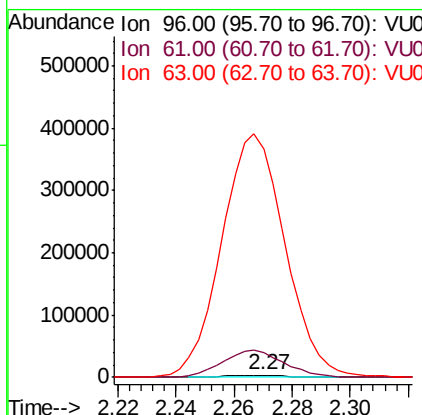
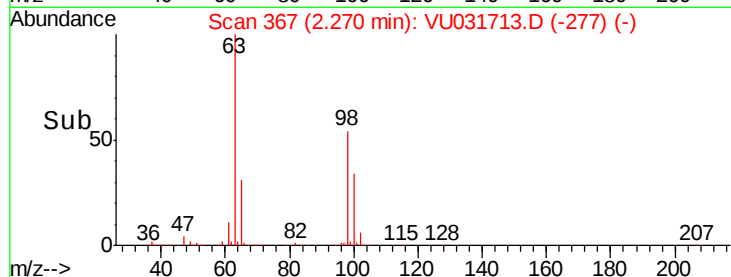
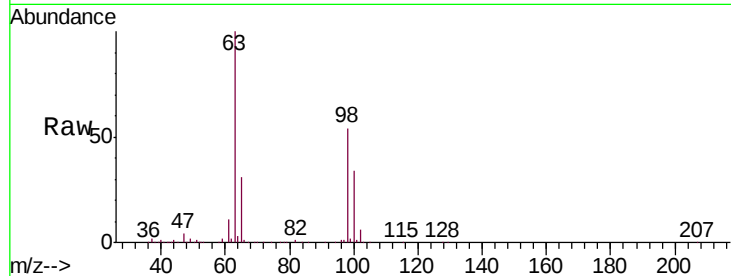




#12
 1,1-Dichloroethene
 Concen: 0.576 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU031713.D
 Acq: 02 May 2019 15:31

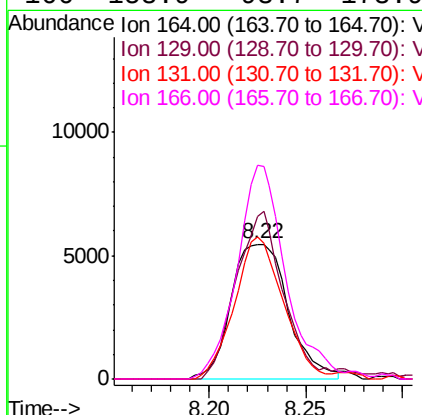
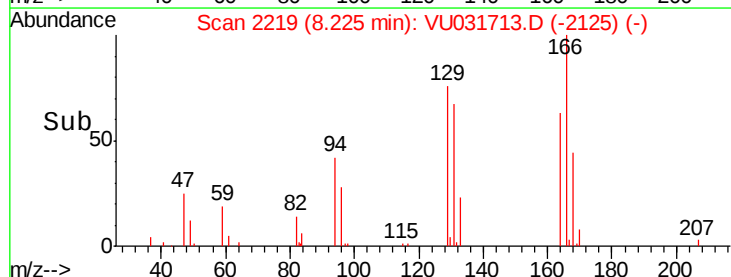
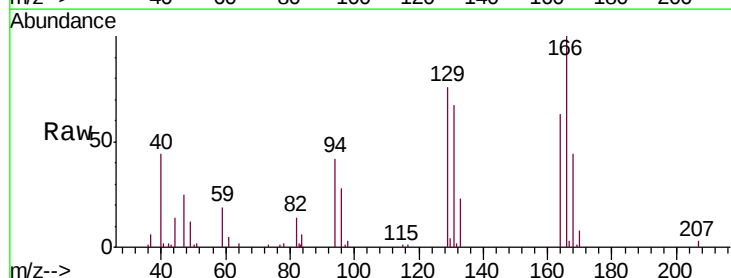
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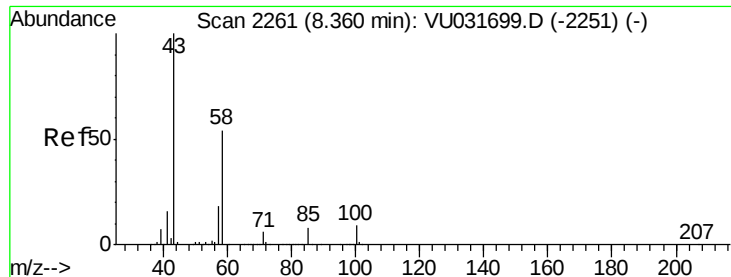
Tgt Ion: 96 Resp: 4398
 Ion Ratio Lower Upper
 96 100
 61 1298.6 135.0 250.6#
 63 11948.8 103.5 192.3#



#46
 Tetrachloroethene
 Concen: 2.006 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU031713.D
 Acq: 02 May 2019 15:31

Tgt Ion: 164 Resp: 11214
 Ion Ratio Lower Upper
 164 100
 129 121.1 71.5 132.9
 131 105.9 69.0 128.2
 166 158.9 93.7 173.9

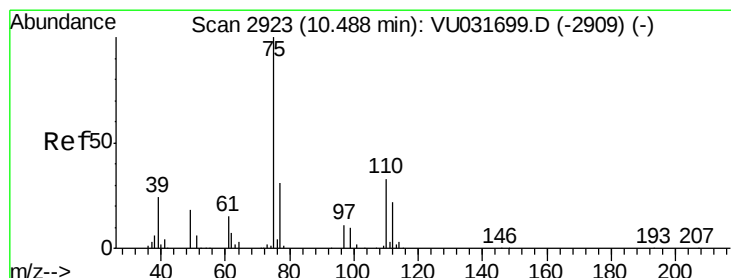
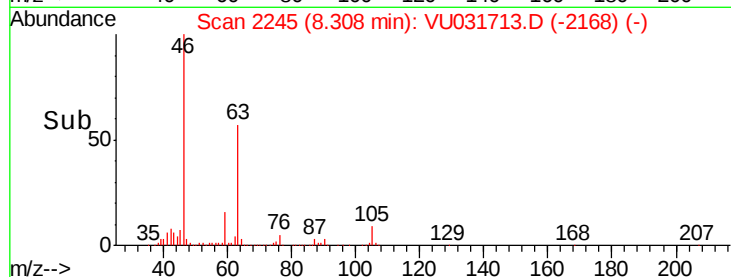
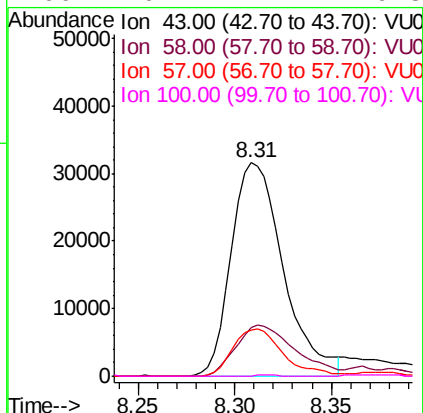
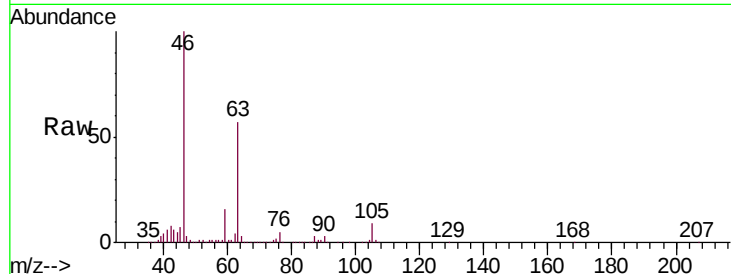




#48
 2-Hexanone
 Concen: 4.978 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU031713.D
 Acq: 02 May 2019 15:31

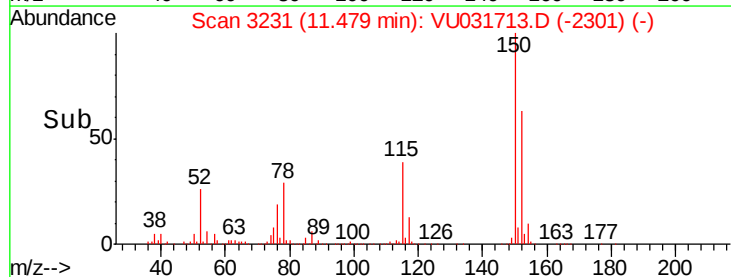
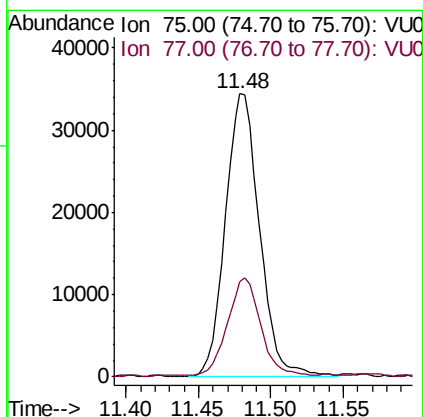
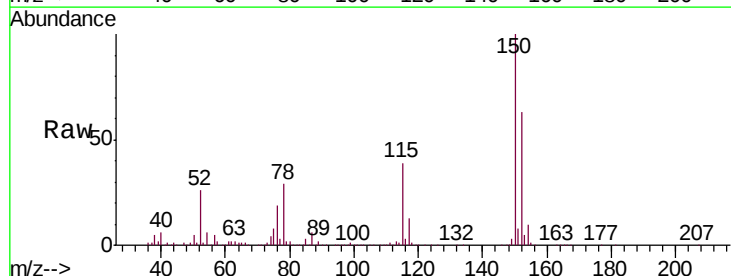
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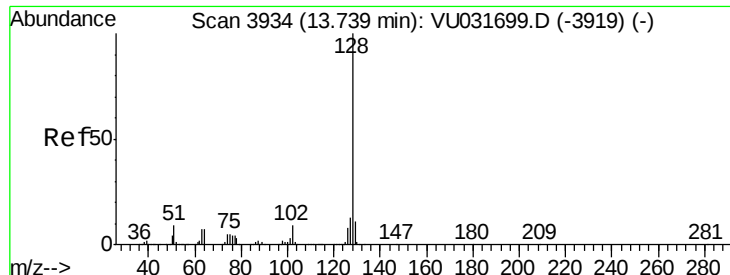
Tgt Ion: 43 Resp: 59484
 Ion Ratio Lower Upper
 43 100
 58 27.6 42.1 63.1#
 57 21.2 14.6 22.0
 100 0.2 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.957 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031713.D
 Acq: 02 May 2019 15:31

Tgt Ion: 75 Resp: 56427
 Ion Ratio Lower Upper
 75 100
 77 34.7 25.9 38.9





#69

Naphthalene

Concen: 20.332 ug/L

RT: 13.74 min Scan# 3934

Delta R.T. 0.00 min

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Acq: 02 May 2019 15:31

Instrument :

MSVOA_U

ClientSampleId :

C0B26

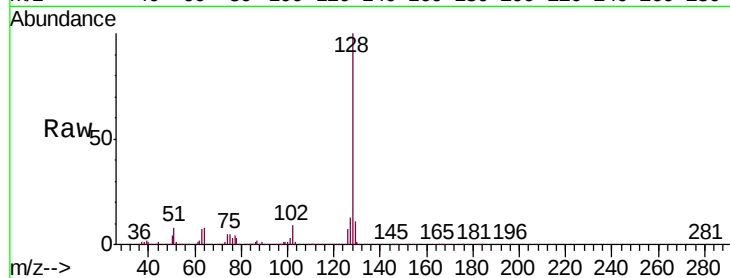
Tgt Ion:128 Resp: 570531

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

