

Data File : VU036854.D
Acq On : 19 Feb 2020 18:06
Operator : JC/MD
Sample : L1580-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBDK1

Quant Time: Feb 20 04:50:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 20 04:46:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	142403	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	132002	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	58356	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	46802	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.93	69	42682	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.59	63	65982	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.68	46	117505	45.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.50%
24) Chloroform-d	5.11	84	77815	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.74	65	44894	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	5.76	84	174987	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.73	67	56868	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.93	98	161956	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.20	79	19575	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.66	63	100165	44.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.60%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41233	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	52468	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

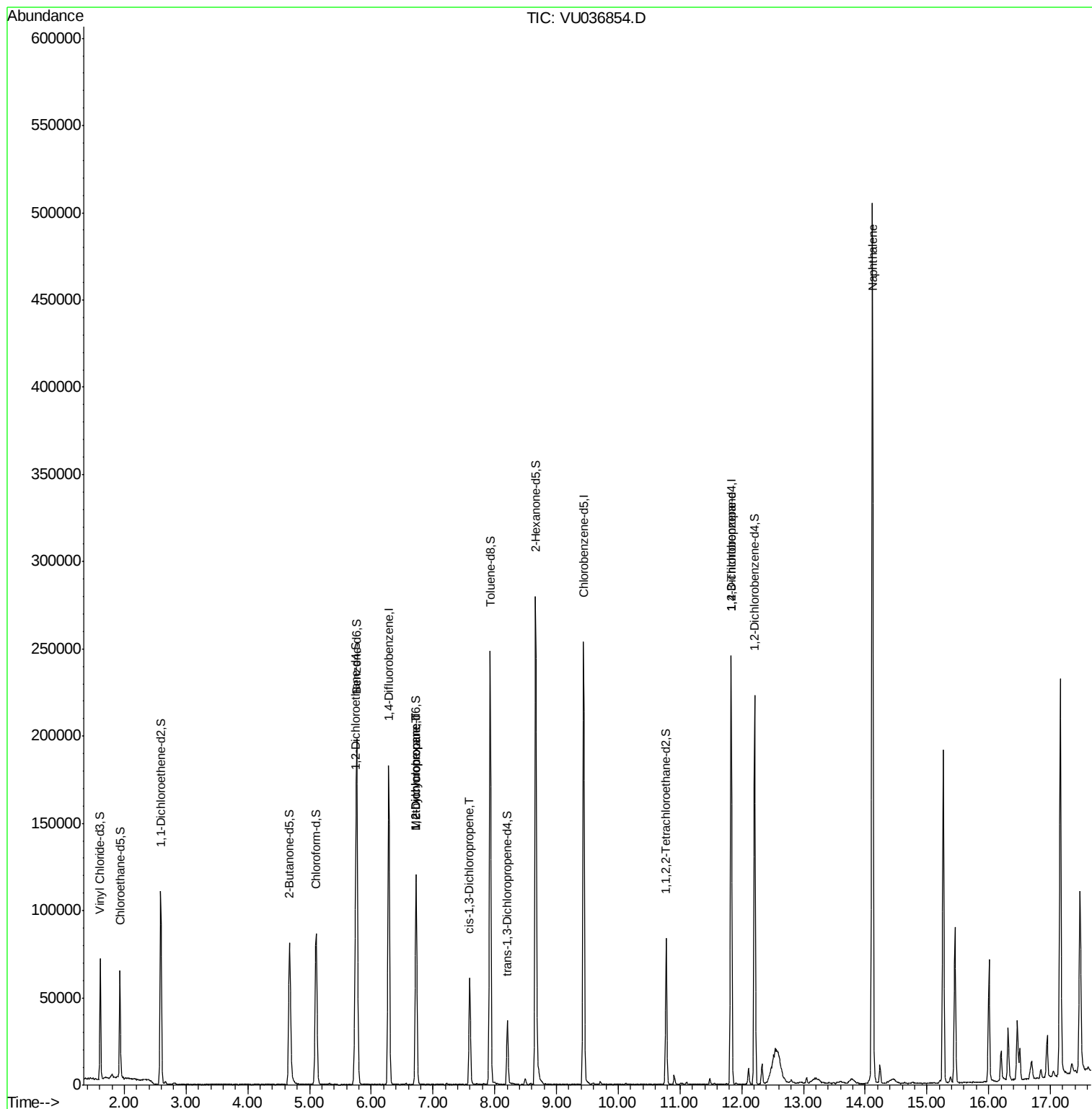
					Qvalue
35) Methylcyclohexane	6.73	83	12028	0.731 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	6520	0.586 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1389	0.086 ug/L #	63
59) 1,2,3-Trichloropropane	11.83	75	8793	1.198 ug/L	91
69) Naphthalene	14.12	128	393396	20.343 ug/L	100

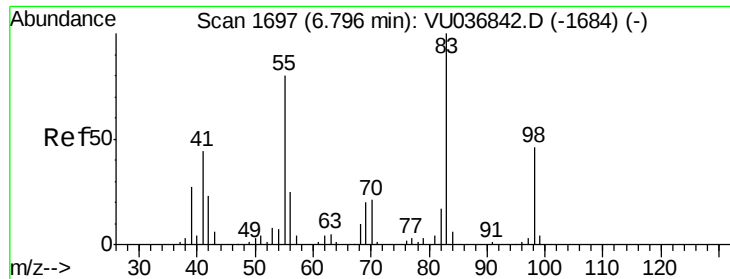
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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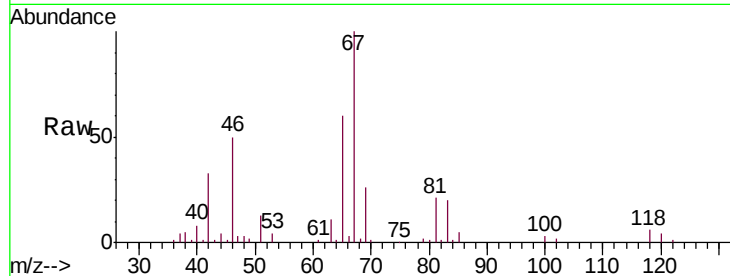




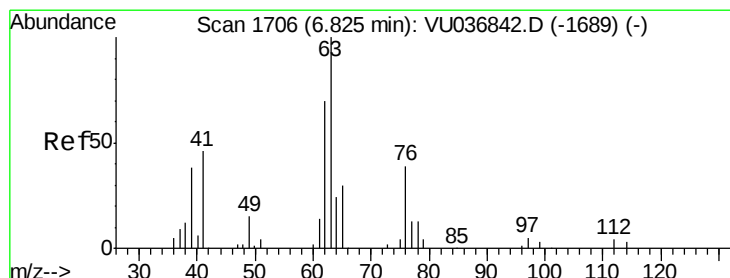
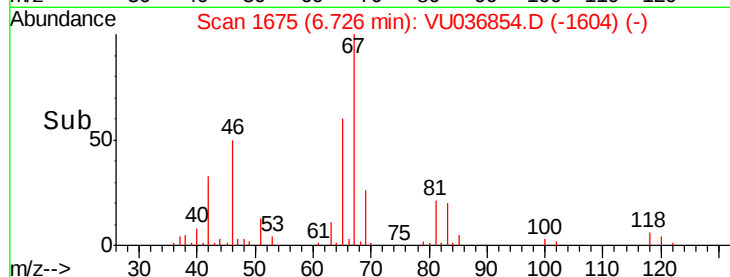
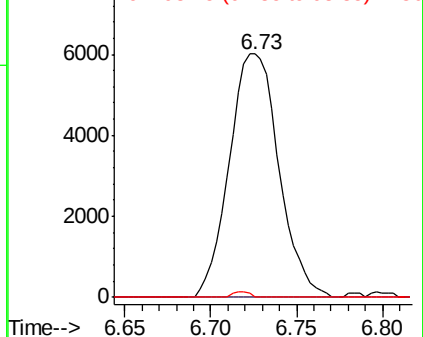
#35
Methylcyclohexane
Concen: 0.731 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036854.D
Acq: 19 Feb 2020 18:06

Instrument :
MSVOA_U
ClientSampleId :
DBDK1

Tgt Ion: 83 Resp: 12028
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.7 34.2 51.4#

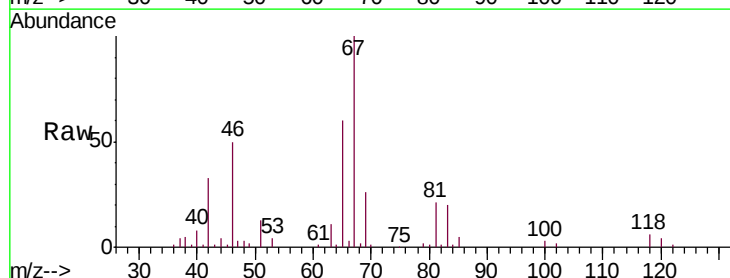


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

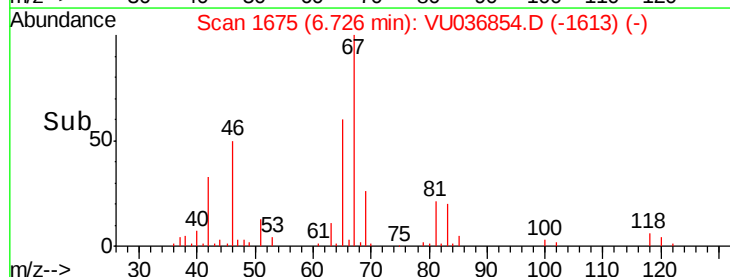
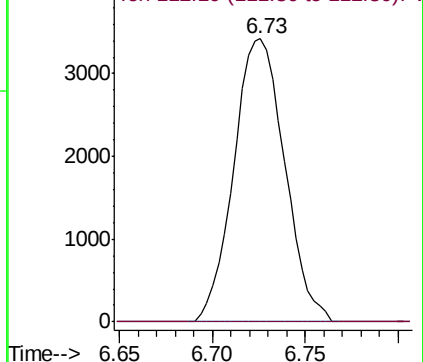


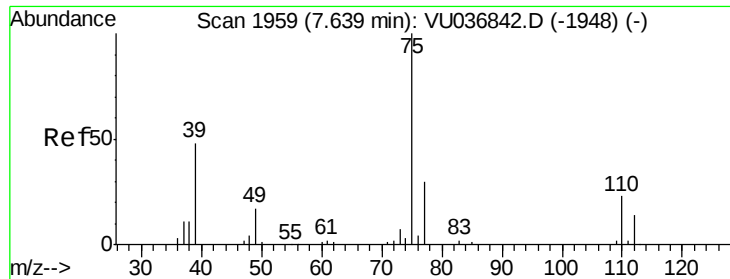
#37
1,2-Dichloropropane
Concen: 0.586 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036854.D
Acq: 19 Feb 2020 18:06

Tgt Ion: 63 Resp: 6520
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

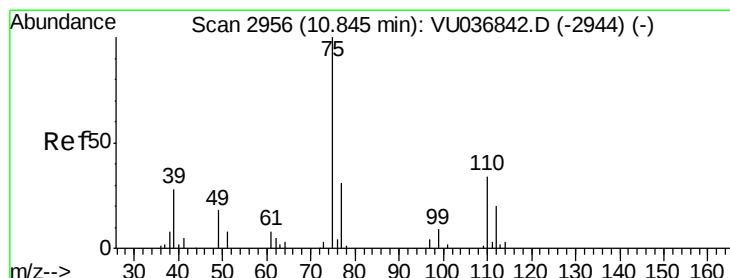
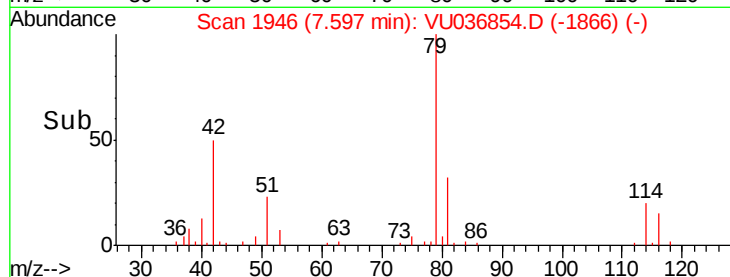
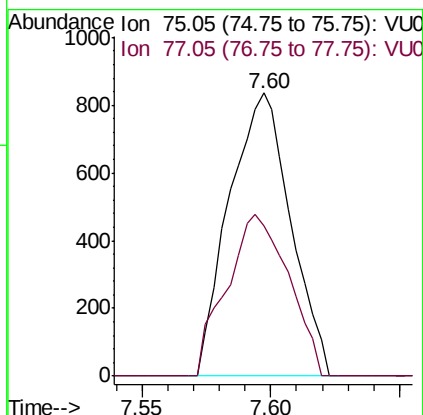
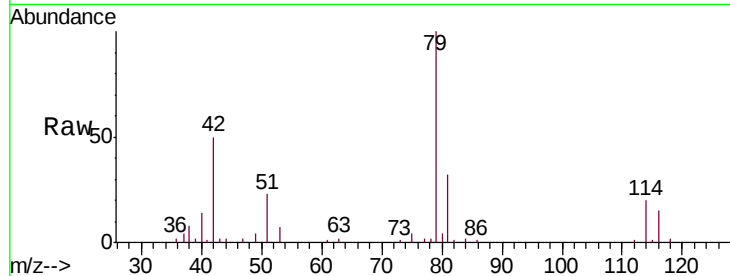




#39
 cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036854.D
 Acq: 19 Feb 2020 18:06

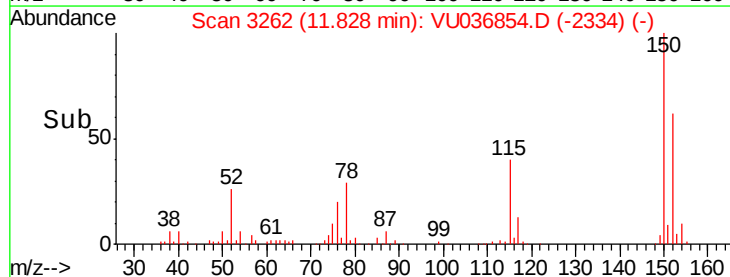
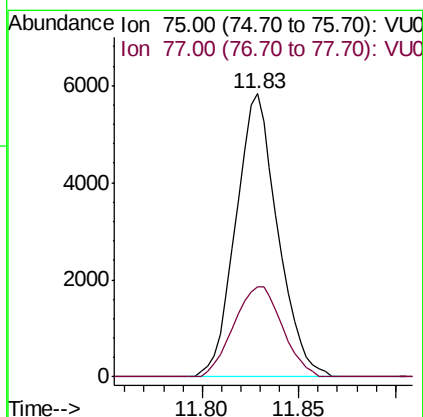
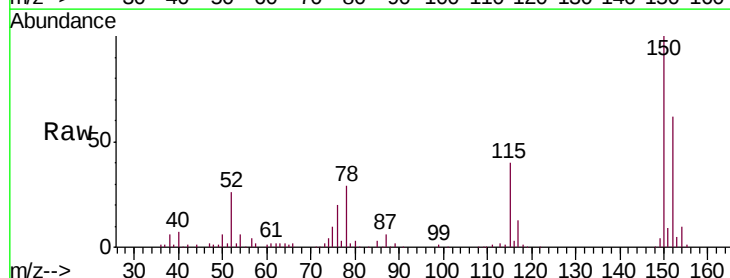
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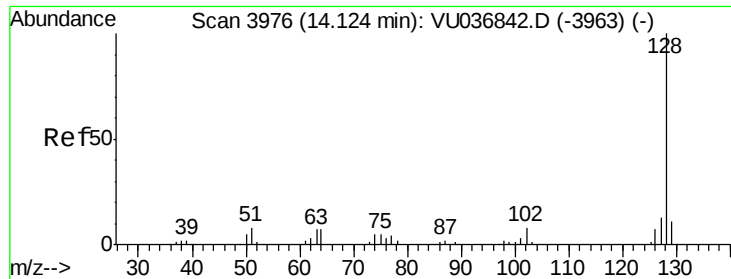
Tgt Ion: 75 Resp: 1389
 Ion Ratio Lower Upper
 75 100
 77 53.1 22.5 41.9#



#59
 1,2,3-Trichloropropane
 Concen: 1.198 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036854.D
 Acq: 19 Feb 2020 18:06

Tgt Ion: 75 Resp: 8793
 Ion Ratio Lower Upper
 75 100
 77 37.0 25.6 38.4





#69

Naphthalene

Concen: 20.343 ug/L

RT: 14.12 min Scan# 3974

Delta R.T. -0.01 min

Lab File: VU036854.D

Acq: 19 Feb 2020 18:06

Instrument :

MSVOA_U

ClientSampleId :

DBDK1

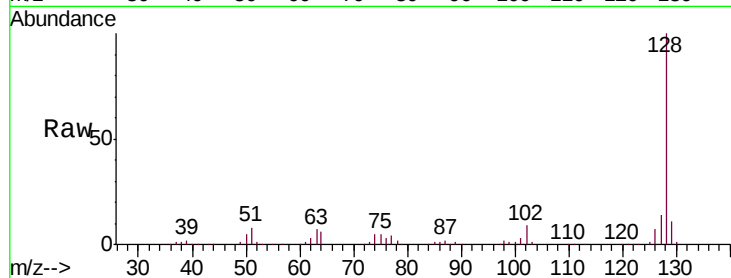
Tgt Ion:128 Resp: 393396

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

127 13.5 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

